

Golnoor

Light up Your Life

ENGLISH

2 0 2 5

**GENERAL
PRODUCT
CATALOG**

Golnoor

Light up Your Life



The information contained in this catalog is always the latest revision of the technical specifications of the products. However, in order to improve the quality and specifications of the products, Golnoor Company reserves the right to make changes to the product without prior notice or after the last revision.

General Catalog - 2025

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GENERAL PRODUCT CATALOGUE

GENERAL PRODUCT CATALOG



for more Information please visit:

www.golnoor.com

"Technical information about the products is also available through the 'Golnoor website'. Therefore, we kindly request that you use non-printed versions of the product catalog whenever possible to protect the environment."

Golnoor
enviornmentally friendly

www.golnoor.com



Types of Golnoor Product Guaranty



{ International Certificates
Quality Management System }

About Glenoor co.

"Golnoor Company stands as a leading force in Iran's electrical and lighting industry. With a deep commitment to understanding and addressing the diverse needs of the lighting industry and art, the company has earned a distinguished position both domestically and regionally. At Golnoor, we recognize the profound connection between lighting and life itself. The rapid advancement of lighting technologies on a global scale necessitates a parallel pursuit of research and development, cultivating a skilled workforce with an applied approach, and expanding specialized laboratories. Guided by our organizational mission and values, Golnoor has identified key knowledge-based themes in lighting research and development. We aspire for these endeavors to elevate lighting expertise, foster structured connections with international communities, empower lighting designers and lighting engineers, and pave the way for the genesis of groundbreaking Iranian ideas in the lighting industry.

Golnoor, Light Up Your Life



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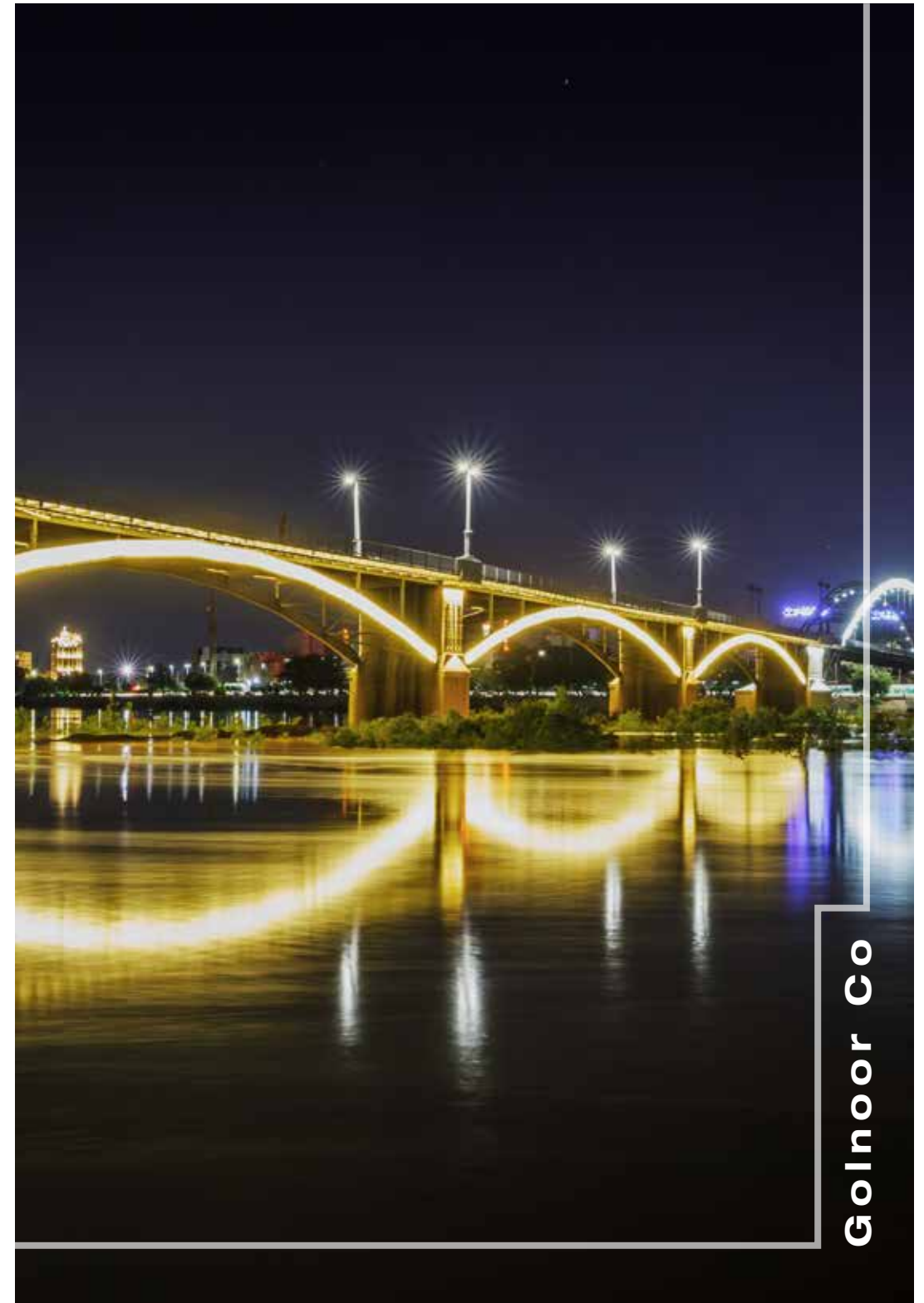
LED Linear Floodlights

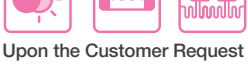
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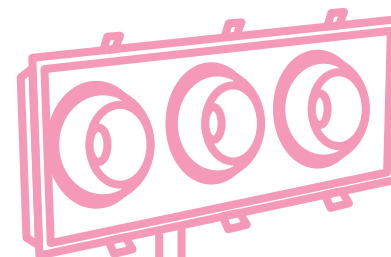
	High frequency motion Sensor		Loop Through		Reduced projection		Minimum distance from the illuminated objects
	Infrared Motion Sensor		Fuse		Reduced installation depth		Mountable on normally flammable surfaces
	Emergency luminaire 1 h		Hot resrike		Light effects		Glow wire resistance
	Emergency luminaire 2h		Double switch		Diffused light emission		Ceiling luminaire
	Emergency luminaire 3 h		Adjustable louvre		Symmetrical light emission		Wall luminaire
	Emergency luminaire 3 h		Dimmable 1-10V		Asymmetrical light emission		Suspended luminaire
	Full cut-off		Dimmable DALI		Circular light emission		Luminaire for track mounting
	LED luminaire		Dawn-dusk switch		Elliptical light emission		Projector Fixtures
	Installation without tools		Luminaire free-standing		Continuous mounted luminaire		Recessed ceiling luminaire
	Heavy use conditions		Movable luminaire		Walk-over luminaire		Wall recessed luminaire
	Modular		Flood lighting		IP degree of protection		In-Ground Lights
	Drive-over luminaire		High PF		Class I		Wall recessed luminaire
	Side cable entry		Street lighting		Class II		Raceway mounting
	Through wiring connection		Post luminaire		Class III		Protection against external mechanical impacts
	Tunnel light		Square cut diameter of the roof		Circle cut diameter of the roof		Upon the Customer Request

PROTECTION CLASSES

Based on international standards, the protection rating of equipment is indicated by the letters IP followed by two digits. The first digit on the left indicates the degree of protection against solid objects and dust, and the second digit represents the level of protection against water and moisture.

First digit	Description
0	Without protection
1	Protected against ingress of objects greater than 50 millimeters in diameter.
2	Protected against ingress of objects greater than 12 millimeters in diameter.
3	Protected against ingress of objects greater than 52/ millimeters in diameter.
4	Protected against ingress of objects greater than 1 millimeters in diameter.
5	The device is not completely dustproof, but dust ingress will not interfere with the operation of the device.
6	completely dustproof

Second digit	Description
0	Without protection
1	protected against vertically falling water drops
2	protected against water droplets falling at an angle of less than 15 degrees
3	protected against water splashes at an angle of less than 60 degrees
4	Jet-proof
5	high-pressure jet-proof
6	high-pressure jet-proof
7	protected against immersion in water under standard pressure and time conditions
8	protected against permanent immersion in water



Indoor LED Recessed Ceiling Light

- Low power consumption and high luminous efficiency
- extremely long lifespan with standard thermal and electronic design.
- Using low thermal resistance materials to create the best thermal conditions in the product
- No use of mercury in the product and environmentally friendly
- Attractive desing along with advanced temperature control
- Standard power supply capable of precise flow control, high power factor and low harmonic distortion
- Constant power consumption and light output in a wide range of supply voltage (VAC 180-265)
- No ultraviolet and infrared radiation.
- Producibile with various color temperatures

Standards

IEC 60598-1	IEC 62031	INSO 5920-1	INSO 20873-2-1
IEC 60598-2-1	IEC 62384	INSO 5920-2-1	INSO 21006
IEC 60598-2-2	IEC 6100032	INSO 5920-2-2	ISIRI 11721
IEC 62722-1	IESNA LM 80	INSO 14878-1	INSO 16075
IEC 62722-2-1	IEC 61347-1	ISIRI 7260-3-2	INSO 7644-1
IEC 62717	IEC 61347-2-13	INSO 20873-1	INSO 7644-2-13

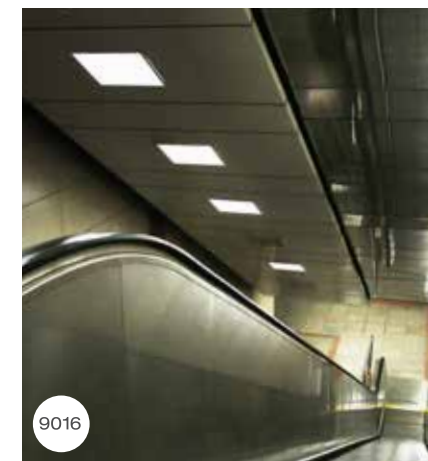
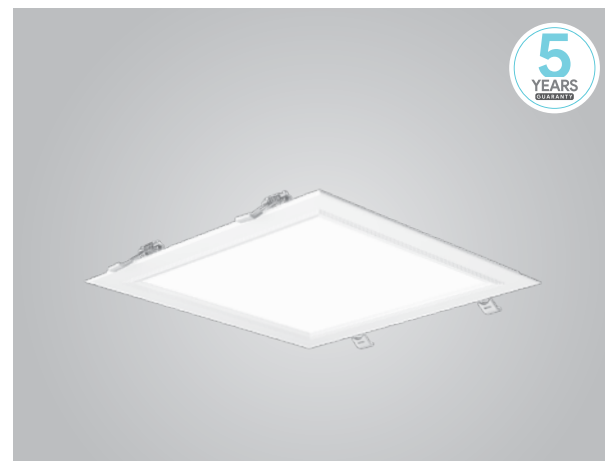
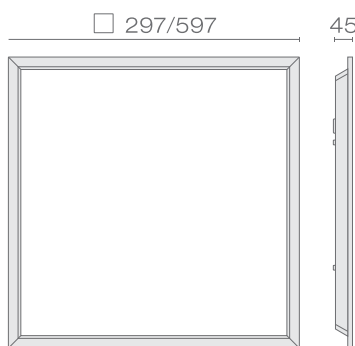
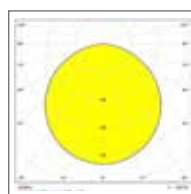


PARMIDA (Modular suspended ceiling)

Code: 412536

Emergency system operability (60x60)

Electrical Characteristics			
Power(W)	24	40	60
Led Module Type	Not integrated		
Type of Control Equipment	Independent		
Mechanical Characteristics			
Body Material	Polymer		
Diffuser Material	Polystyrene		
Body Coating	Electrostatic powder paint		
Weight(Kg)	0.67	2.5	
General Characteristics			
Nominal ambient temperature(tq)related to lamp performance(C°)	25		
Working Temperature Range(C°)	-20~+45		
Maximum Allowed Humiding(%)	90		
Rated Useful Life (L70B10)	70000		
Optical Characteristics			
Index (W)	24	40	60
Light Source	SMD LED		
Number Of Leds In The Module(PCS)	40	72	120
Nominal Power Of Led(W)	1.5		
Luminous Flux(Lm)	2550	5000	7500
Luminous Efficiency(Lm/W)	106	125	
Color Temperature(K)	6500, 4000		
Color Rendering Index	85		

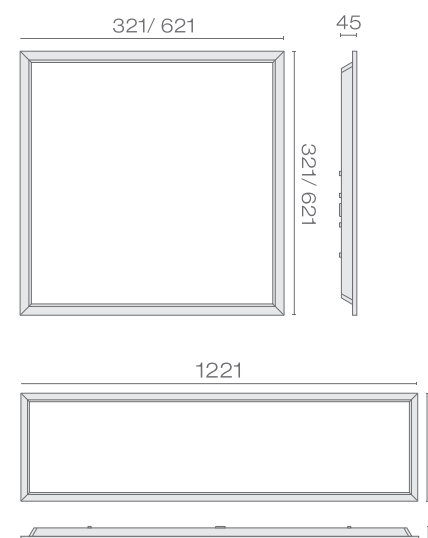
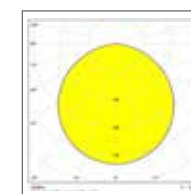


PANIZ (plaster suspended ceiling)

Code: 412535

Emergency system operability (60x60)

Electrical Characteristics			
Power(W)	24	40	60
Led Module Type	Not integrated		
Type of Control Equipment	Independent		
Mechanical Characteristics			
Body Material	Polymer / AL		
Diffuser Material	Polystyrene		
Body Coating	Electrostatic powder paint		
Weight(Kg)	1.09	2.95	
General Characteristics			
Nominal ambient temperature(tq)related to lamp performance(C°)	25		
Working Temperature Range(C°)	-20~+45		
Maximum Allowed Humiding(%)	90		
Rated Useful Life (L70B10)	70000		
Optical Characteristics			
Index (W)	24	40	60
Light Source	SMD LED		
Number Of Leds In The Module(PCS)	40	72	120
Nominal Power Of Led(W)	1.5		
Luminous Flux(Lm)	2550	5000	7500
Luminous Efficiency(Lm/W)	106	125	
Color Temperature(K)	6500, 4000		
Color Rendering Index	85		

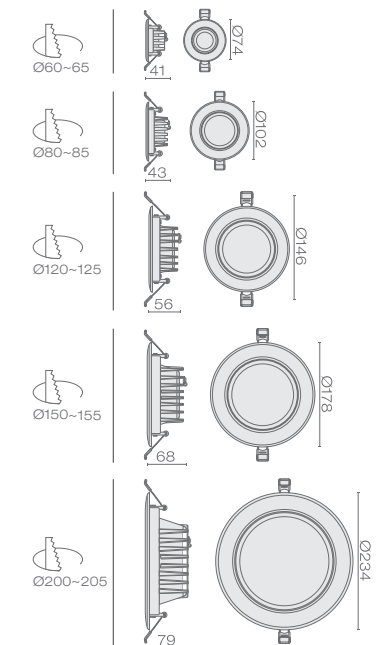
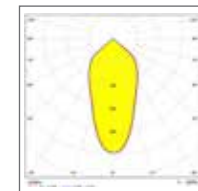




GARNET

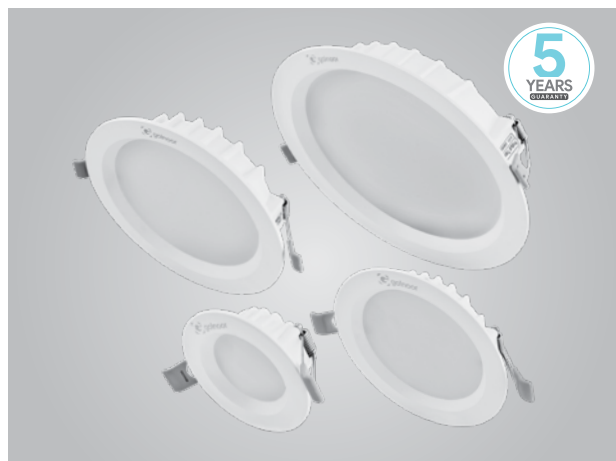
Code: 412506

Electrical Characteristics					
Power(W)	7	10	18	26	33
Led Module Type	Integrated				
Type of Control Equipment	Independent				
Mechanical Characteristics					
Body Material	Die-cast aluminum				
Diffuser Material	Polystyrene				
Body Coating	Electrostatic powder paint				
Weight(Kg)	0.1	0.17	0.34	0.55	0.9
General Characteristics					
Nominal ambient temperature(tq related to lamp performance(C°)	25				
Working Temperature Range(C°)	-20~+45				
Maximum Allowed Humiding(%)	90				
Rated Useful Life (L70B10)	70000				
Optical Characteristics					
Index (W)	7	10	18	26	33
Light Source	COB LED				
Number Of Leds In The Module(PCS)	1				
Nominal Power Of Led(W)	7	10	18	26	33
Luminous Flux(Lm)	700	1000	1800	2600	3300
Luminous Efficiency(Lm/W)	100				
Color Temperature(K)	3000,6500				
Color Rendering Index	80				



LED Recessed Ceiling Light

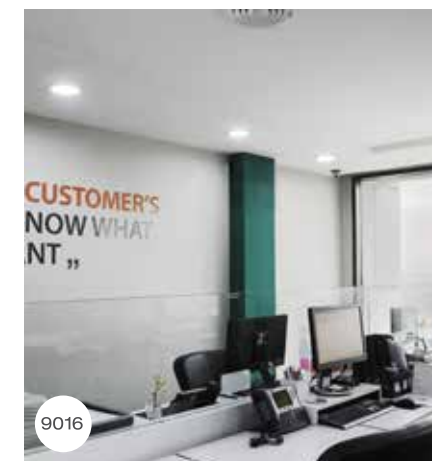
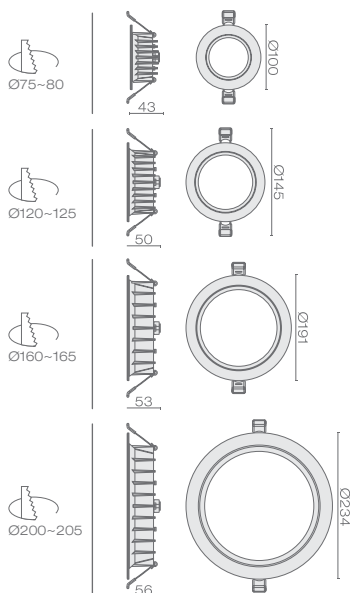
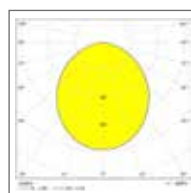




MARAL

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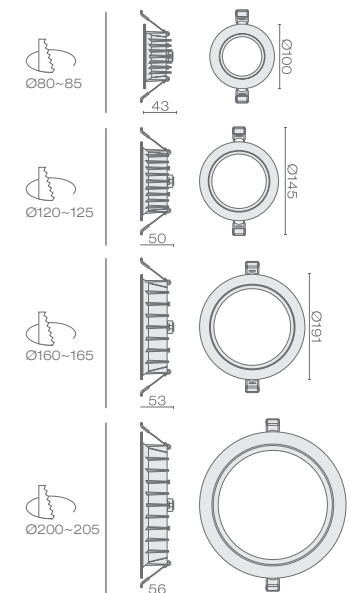
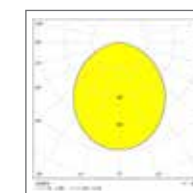
Electrical Characteristics						
Power(W)	11	18	24	32		40
Led Module Type	Integrated					
Type of Control Equipment	Independent					
Mechanical Characteristics						
Body Material	Die-cast aluminum					
Diffuser Material	Polystyrene					
Body Coating	Electrostatic powder paint					
Weight(Kg)	0.2	0.37	0.57	0.7	0.57	0.7
General Characteristics						
Nominal ambient temperature(tq) related to lamp performance(C°)	25					
Working Temperature Range(C°)	-20~+45					
Maximum Allowed Humiding(%)	90					
Rated Useful Life (L70B10)	70000					
Optical Characteristics						
Index (W)	11	18	24	32		40
Light Source	SMD LED					
Number Of Leds In The Module(PCS)	12	20	24	30		36
Nominal Power Of Led(W)	1.5					
Luminous Flux(Lm)	990	1710	2640	3840	3360	4200
Luminous Efficiency(Lm/W)	90	95	110	105	120	105
Color Temperature(K)	3000,4000,5000,6500					
Color Rendering Index	80					



MAYA

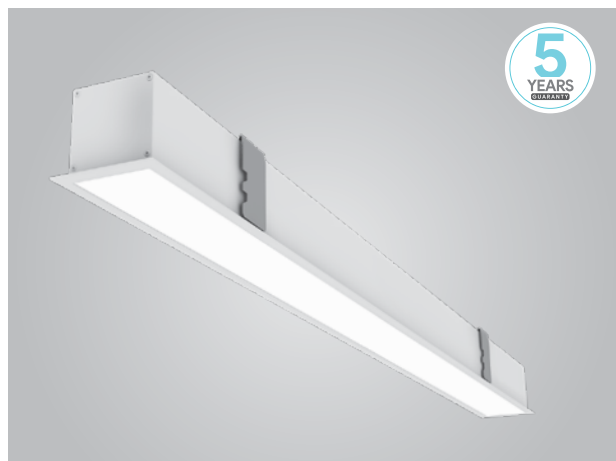
Code: 412530

Electrical Characteristics				
Power(W)	10	18	26	33
Led Module Type	Integrated			
Type of Control Equipment	Independent			
Mechanical Characteristics				
Body Material	Die-cast aluminum			
Diffuser Material	Polystyrene			
Body Coating	Electrostatic powder paint			
Weight(Kg)	0.2	0.37	0.57	0.7
General Characteristics				
Nominal ambient temperature(tq) related to lamp performance(C°)	25			
Working Temperature Range(C°)	-20~+45			
Maximum Allowed Humiding(%)	90			
Rated Useful Life (L70B10)	70000			
Optical Characteristics				
Index (W)	10	18	26	33
Light Source	SMD LED			
Number Of Leds In The Module(PCS)	20	36	50	60
Nominal Power Of Led(W)	1.2			
Luminous Flux(Lm)	1000	1980	2730	3795
Luminous Efficiency(Lm/W)	100	110	105	115
Color Temperature(K)	3000,4000,5000,6500			
Color Rendering Index	80			



LED Recessed Ceiling Light



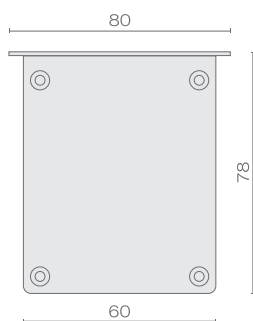
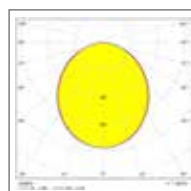


9016

PROXIMA (6cm)

Code: 412519

Electrical Characteristics								
Power(W)	10	20	15	30	20	40	30	60
Led Module Type	Integrated							
Type of Control Equipment	Independent							
Mechanical Characteristics								
Body Material	Aluminum							
Diffuser Material	Polymethyl methacrylate PMMA							
Body Coating	Electrostatic powder paint							
Length(cm)	L 570		L850		L1120		L 1700	
Weight(Kg)	1.5		2.3		3.1		4.6	
General Characteristics								
Nominal ambient temperature (tq) related to lamp performance(C°)	25							
Working Temperature Range(C°)	-20~+45							
Maximum Allowed Humiding(%)	90							
Rated Useful Life (L70B10)	70000							
Optical Characteristics								
Index (W)	10	20	15	30	20	40	30	60
Light Source	SMD LED							
Number Of Leds In The Module(PCS)	36		54		72		108	
Nominal Power Of Led(W)	1.5							
Luminous Flux(Lm)	1300	2300	1950	3450	2600	4600	3900	6900
Luminous Efficiency(Lm/W)	130	115	130	115	130	115	130	115
Color Temperature(K)	3000,4000,5000,6500							
Color Rendering Index	85							

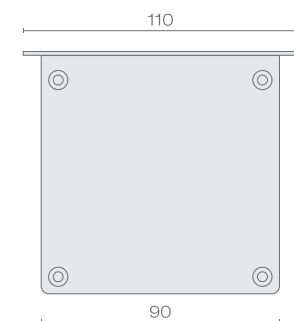
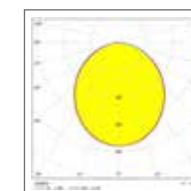


9016

PROXIMA (9cm)

Code: 412515

Electrical Characteristics								
Power(W)	10	20	15	30	20	40	30	60
Led Module Type	Integrated							
Type of Control Equipment	Independent							
Mechanical Characteristics								
Body Material	Aluminum							
Diffuser Material	Polymethyl methacrylate PMMA							
Body Coating	Electrostatic powder paint							
Length(cm)	L 570		L850		L1120		L 1700	
Weight(Kg)	1.8		2.8		3.7		5.6	
General Characteristics								
Nominal ambient temperature(tq) related to lamp performance(C°)	25							
Working Temperature Range(C°)	-20~+45							
Maximum Allowed Humiding(%)	90							
Rated Useful Life (L70B10)	70000							
Optical Characteristics								
Index (W)	10	20	15	30	20	40	30	60
Light Source	SMD LED							
Number Of Leds In The Module(PCS)	36		54		72		108	
Nominal Power Of Led(W)	1.5							
Luminous Flux(Lm)	1080	1900	1620	2850	2160	3800	2340	5700
Luminous Efficiency(Lm/W)	108	95	108	95	108	95	108	95
Color Temperature(K)	3000,4000,5000,6500							
Color Rendering Index	85							

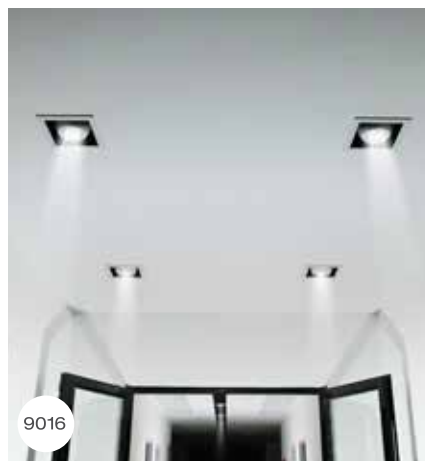




PIXEL 1

LED Multiple Ceiling downLight

Electrical Characteristics	
Power(W)	30
Led Module Type	Integrated
Type of Control Equipment	Independent
Mechanical Characteristics	
Body Material	Iron / Aluminum Die-Casting And Extruded
Diffuser Material	Polystyrene
Body Coating	Electrostatic powder paint
Weight(Kg)	1.1
General Characteristics	
Nominal ambient temperature(tq)related to lamp performance(C°)	25
Working Temperature Range(C°)	-20~+45
Maximum Allowed Humiding(%)	90
Rated Useful Life (L70B10)	70000
Optical Characteristics	
Index (W)	30
Light Source	COB LED
Number Of Leds In The Module(PCS)	1
Nominal Power Of Led(W)	30
Luminous Flux(Lm)	2550
Luminous Efficiency(Lm/W)	85
Color Temperature(K)	3000,4000,6500
Color Rendering Index	80
Light Distribution Angle(Deg)	30



PIXEL 2

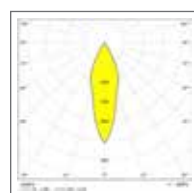
LED Multiple Ceiling downLight

Electrical Characteristics	
Power(W)	60
Led Module Type	Integrated
Type of Control Equipment	Independent
Mechanical Characteristics	
Body Material	Iron / Aluminum Die-Casting And Extruded
Diffuser Material	Polystyrene
Body Coating	Electrostatic powder paint
Weight(Kg)	2
General Characteristics	
Nominal ambient temperature(tq)related to lamp performance(C°)	25
Working Temperature Range(C°)	-20~+45
Maximum Allowed Humiding(%)	90
Rated Useful Life (L70B10)	70000
Optical Characteristics	
Index (W)	60
Light Source	COB LED
Number Of Leds In The Module(PCS)	2
Nominal Power Of Led(W)	30
Luminous Flux(Lm)	5100
Luminous Efficiency(Lm/W)	85
Color Temperature(K)	3000,4000,6500
Color Rendering Index	80
Light Distribution Angle(Deg)	30

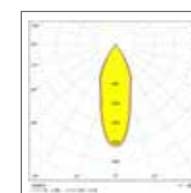
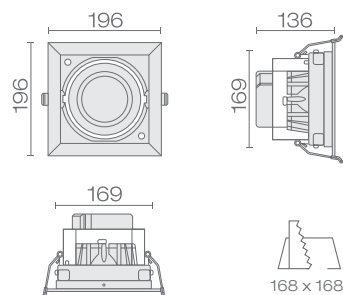


PIXEL 2

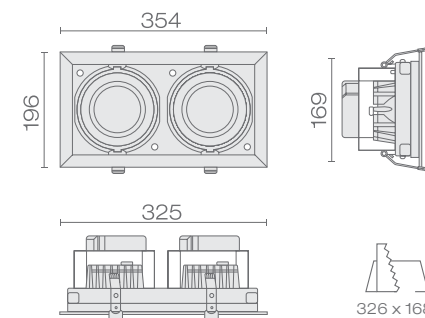
Code: 412531



Reflector rotation in two axes: ± 15° X Y



Reflector rotation in two axes: ± 15° X Y





PIXEL 3

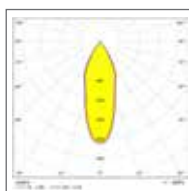
LED Multiple Ceiling downLight

Electrical Characteristics	
Power(W)	90
Led Module Type	Integrated
Type of Control Equipment	Independent
Mechanical Characteristics	
Body Material	Iron / Aluminum Die-Casting And Extruded
Diffuser Material	Polystyrene
Body Coating	Electrostatic powder paint
Weight(Kg)	2.9
General Characteristics	
Nominal ambient temperature(tq)related to lamp performance(C°)	25
Working Temperature Range(C°)	-20~+45
Maximum Allowed Humiding(%)	90
Rated Useful Life (L70B10)	70000
Optical Characteristics	
Index (W)	90
Light Source	COB LED
Number Of Leds In The Module(PCS)	3
Nominal Power Of Led(W)	30
Luminous Flux(Lm)	7650
Luminous Efficiency(Lm/W)	85
Color Temperature(K)	3000,4000,6500
Color Rendering Index	80
Light Distribution Angle(Deg)	30

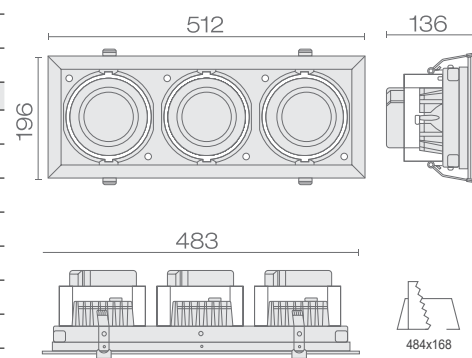


9005

Code: 412531



Reflector rotation in two axes: ± 15° X Y



PIXEL 4

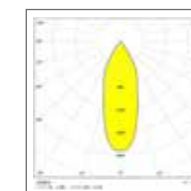
LED Multiple Ceiling downLight

Electrical Characteristics	
Power(W)	120
Led Module Type	Integrated
Type of Control Equipment	Independent
Mechanical Characteristics	
Body Material	Iron / Aluminum Die-Casting And Extruded
Diffuser Material	Polystyrene
Body Coating	Electrostatic powder paint
Weight(Kg)	3.6
General Characteristics	
Nominal ambient temperature(tq)related to lamp performance(C°)	25
Working Temperature Range(C°)	-20~+45
Maximum Allowed Humiding(%)	90
Rated Useful Life (L70B10)	70000
Optical Characteristics	
Index (W)	120
Light Source	COB LED
Number Of Leds In The Module(PCS)	4
Nominal Power Of Led(W)	30
Luminous Flux(Lm)	10200
Luminous Efficiency(Lm/W)	85
Color Temperature(K)	3000,4000,6500
Color Rendering Index	80
Light Distribution Angle(Deg)	30

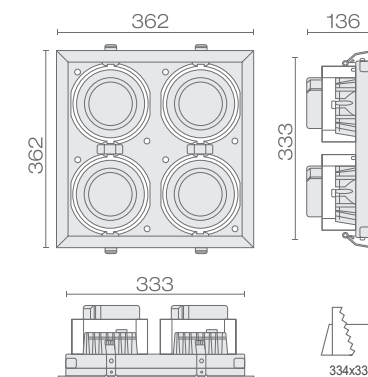


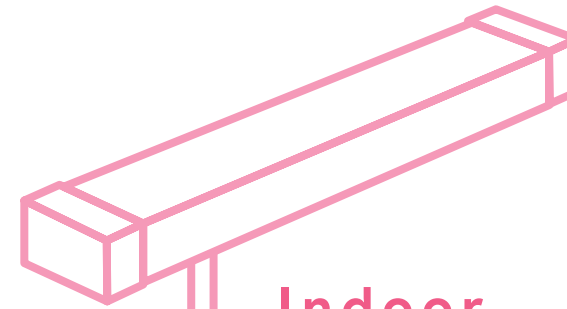
9005

Code: 412531



Reflector rotation in two axes: ± 15° X Y



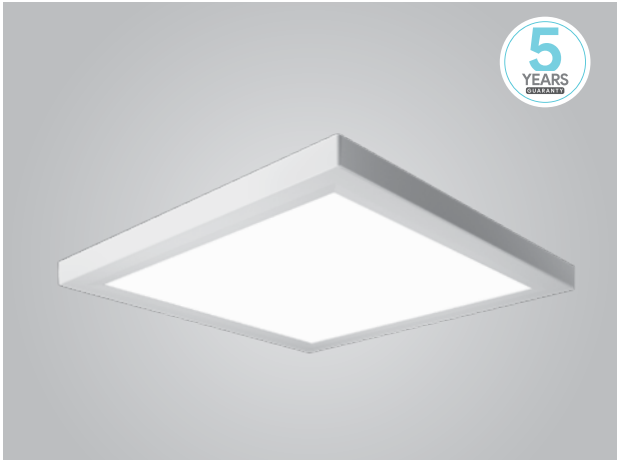


Indoor LED Surface Ceiling and Pendant Light

- Low power consumption and high luminous efficiency
- Extremely long lifespan with standard thermal and electronic design.
- Using low thermal resistance materials to create the best thermal conditions in the product
- No use of mercury in the product and environmentally friendly
- Attractive desing along with advanced temperature control
- Standard power supply capable of precise flow control, high power factor and low harmonic distortion
- Constant power consumption and light output in a wide range of supply voltage (VAC 180-265)
- No ultraviolet and infrared radiation.
- Producible with various color temperatures .
- Symmetrical hanging brackets without height restrictions with ease and beauty in installation.

Standards

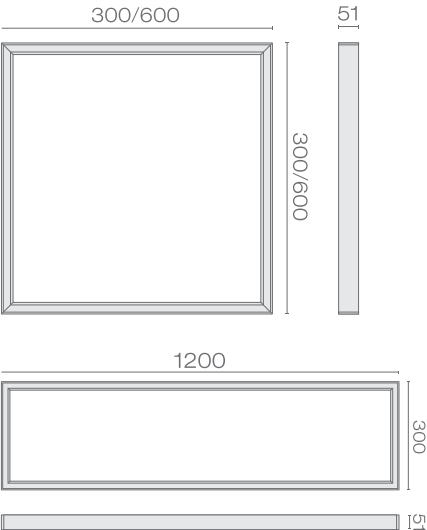
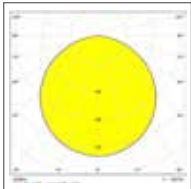
IEC 60598-1	IEC 62384	INSO 5920-1	INSO 21006
IEC 60598-2-1	IEC 61000-3-2	INSO 5920-2-1	ISIRI 11721
IEC 62722-1	IESNA LM 80	INSO 14878-1	INSO 16075
IEC 62722-2-1	IEC 61347-1	ISIRI 7260-3-2	INSO 7644-1
IEC 62717	IEC 61347-2-13	INSO 20873-1	INSO 7644-2-13
IEC 62031		INSO 20873-2-1	



PARMIS (Magnetic surface ceiling)

Code: 412534

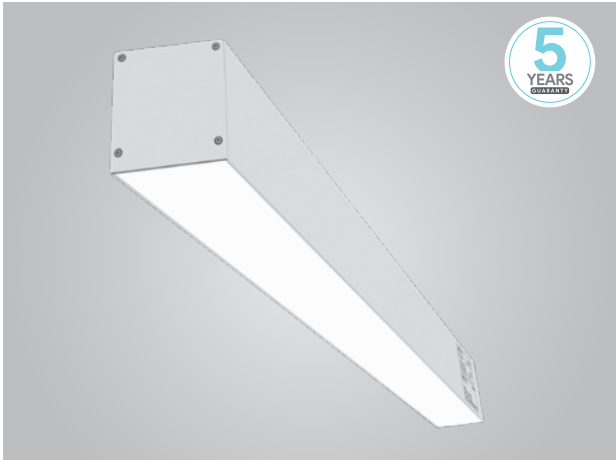
Electrical Characteristics			
Power(W)	24	40	60
Led Module Type	Not integrated		
Type of Control Equipment	Independent		
Mechanical Characteristics			
Body Material	Polymer		
Diffuser Material	Polystyrene		
Body Coating	Electrostatic powder paint		
Weight(Kg)	1.1	3.71	
General Characteristics			
Nominal ambient temperature(tq) related to lamp performance(C°)	25		
Working Temperature Range(C°)	-20~+45		
Maximum Allowed Humiding(%)	90		
Rated Useful Life (L70B10)	70000		
Optical Characteristics			
Index (W)	24	40	60
Light Source	SMD LED		
Number Of Leds In The Module(PCS)	40	72	120
Nominal Power Of Led(W)	1.5		
Luminous Flux(Lm)	2550	5000	7500
Luminous Efficiency(Lm/W)	106	125	
Color Temperature(K)	6500, 4000		
Color Rendering Index	85		



LED Surface Ceiling and Pendant Light



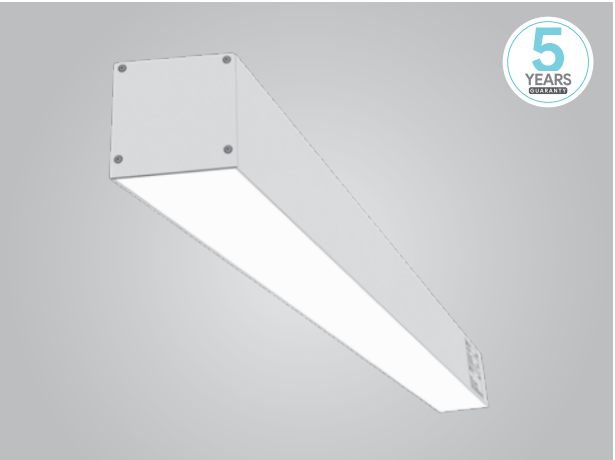
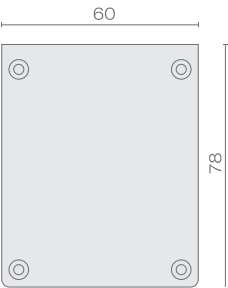
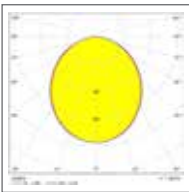
LED Surface Ceiling Light



Code: 412518

PROXIMA (6cm)

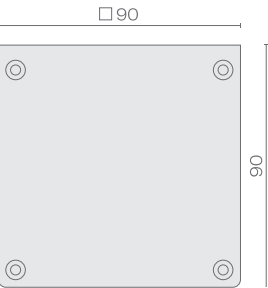
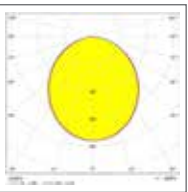
Electrical Characteristics								
Power(W)	10	20	15	30	20	40	30	60
Led Module Type	Integrated							
Type of Control Equipment	Independent							
Mechanical Characteristics								
Body Material	Aluminum							
Diffuser Material	Polymethyl methacrylate PMMA							
Body Coating	Electrostatic powder paint							
Length(cm)	L 570		L850		L1130		L 1700	
Weight(Kg)	1.5		2.3		3.1		4.6	
General Characteristics								
Nominal ambient temperature(tq) related to lamp performance(C°)	25							
Working Temperature Range(C°)	-20~+45							
Maximum Allowed Humiding(%)	90							
Rated Useful Life (L70B10)	70000							
Optical Characteristics								
Index (W)	10	20	15	30	20	40	30	60
Light Source	SMD LED							
Number Of Leds In The Module(PCS)	36		54		72		108	
Nominal Power Of Led(W)	1.5							
Luminous Flux(Lm)	1300	2300	1950	3450	2600	4600	3900	6900
Luminous Efficiency(Lm/W)	130	115	130	115	130	115	130	115
Color Temperature(K)	3000,4000,5000,6500							
Color Rendering Index	85							



Code: 412515

PROXIMA (9cm)

Electrical Characteristics								
Power(W)	10	20	15	30	20	40	30	60
Led Module Type	Integrated							
Type of Control Equipment	Independent							
Mechanical Characteristics								
Body Material	Aluminum							
Diffuser Material	Polymethyl methacrylate PMMA							
Body Coating	Electrostatic powder paint							
Length(cm)	L 570		L850		L1130		L 1700	
Weight(Kg)	1.8		2.8		3.7		5.6	
General Characteristics								
Nominal ambient temperature(tq)related to lamp performance(C°)	25							
Working Temperature Range(C°)	-20~+45							
Maximum Allowed Humiding(%)	90							
Rated Useful Life (L70B10)	70000							
Optical Characteristics								
Index (W)	10	20	15	30	20	40	30	60
Light Source	SMD LED							
Number Of Leds In The Module(PCS)	36		54		72		108	
Nominal Power Of Led(W)	1.5							
Luminous Flux(Lm)	1080	1900	1620	2850	2160	3800	3240	5700
Luminous Efficiency(Lm/W)	108	95	108	95	108	95	108	95
Color Temperature(K)	3000,4000,5000,6500							
Color Rendering Index	85							



LED Surface Pendant Light

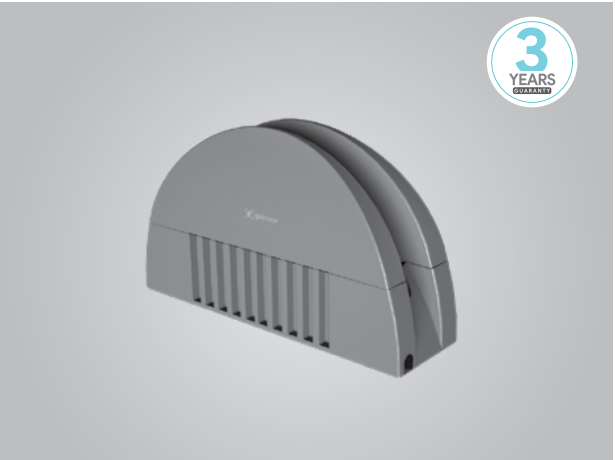
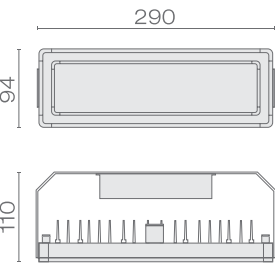
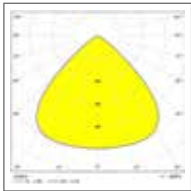




MAYSA

Code: 412533

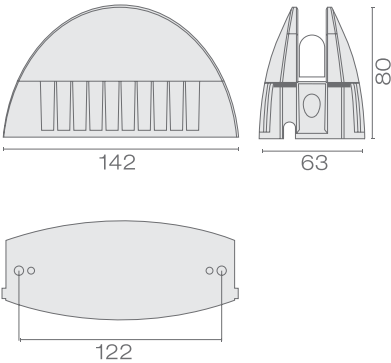
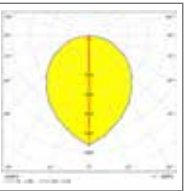
Electrical Characteristics		
Power(W)	54	
Led Module Type	Integrated	
Type of Control Equipment	Independent	
Mechanical Characteristics		
Body Material	Aluminum/Iron	
Diffuser Material	Tempered glass	
Body Coating	Electrostatic powder paint	
Weight(Kg)	1.5	
General Characteristics		
Nominal ambient temperature(tq)related to lamp performance(C°)	25	
Working Temperature Range(C°)	-20~+50	
Maximum Allowed Humiding(%)	90	
Rated Useful Life (L70B10)	100000	
Optical Characteristics		
Index (W)	54	
Light Source	SMD LED	
Number Of Leds In The Module(PCS)	48	
Nominal Power Of Led(W)	1.5	
Luminous Flux(Lm)	6830~7400	7190~7800
Luminous Efficiency(Lm/W)	126~137	133~144
Color Temperature(K)	3000	4000,5000,6500
Color Rendering Index	75	
Light Distribution Angle(Deg)	30, 60, 90	

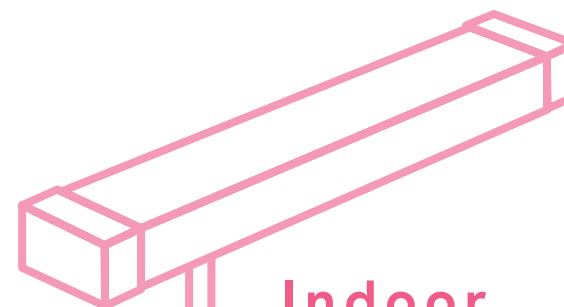


AYLA

Code: 412015

Electrical Characteristics		
Power(W)	7	10
Led Module Type	Integrated	
Type of Control Equipment	Independent	
Mechanical Characteristics		
Body Material	Die-cast aluminum	
Diffuser Material	Poly carbonate	
Body Coating	Electrostatic powder paint	
Weight(Kg)	0.38	
General Characteristics		
Nominal ambient temperature(tq)related to lamp performance(C°)	25	
Working Temperature Range(C°)	-20~+50	
Maximum Allowed Humiding(%)	90	
Rated Useful Life (L70B10)	70000	
Optical Characteristics		
Index (W)	7	10
Light Source	SMD LED	
Number Of Leds In The Module(PCS)	10	
Nominal Power Of Led(W)	1	
Color Temperature(K)	Amber:590(nm)	4000, 3000
Color Rendering Index	75	
Light Distribution Angle(Deg)	180	



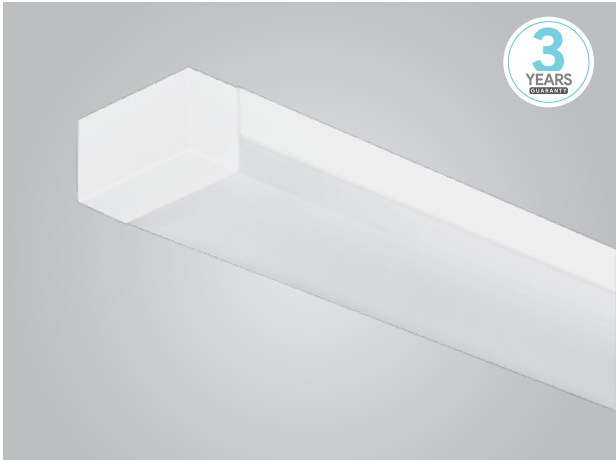


Indoor LED Wall Surface Mount Light

- Low power consumption and high luminous efficiency
- extremely long lifespan with standard thermal and electronic design.
- Using low thermal resistance materials to create the best thermal conditions in the product
- No use of mercury in the product and environmentally friendly
- Attractive desing along with advanced temperature control
- Standard power supply capable of precise flow control, high power factor and low harmonic distortion
- Constant power consumption and light output in a wide range of supply voltage (VAC 180-265)
- No ultraviolet and infrared radiation.
- Producibile with various color temperatures .

Standards

IEC 60598-1	IEC 62384	INSO 5920-1	INSO 21006
IEC 60598-2-1	IEC 61000-3-2	INSO 5920-2-1	ISIRI 11721
IEC 62722-1	IESNA LM 80	INSO 14878-1	INSO 16075
IEC 62722-2-1	IEC 61347-1	ISIRI 7260-3-2	INSO 7644-1
IEC 62717	IEC 61347-2-13	INSO 20873-1	INSO 7644-2-13
IEC 62031		INSO 20873-2-1	

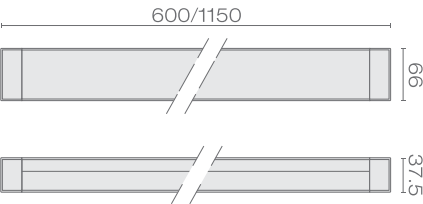
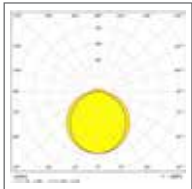


TIANA

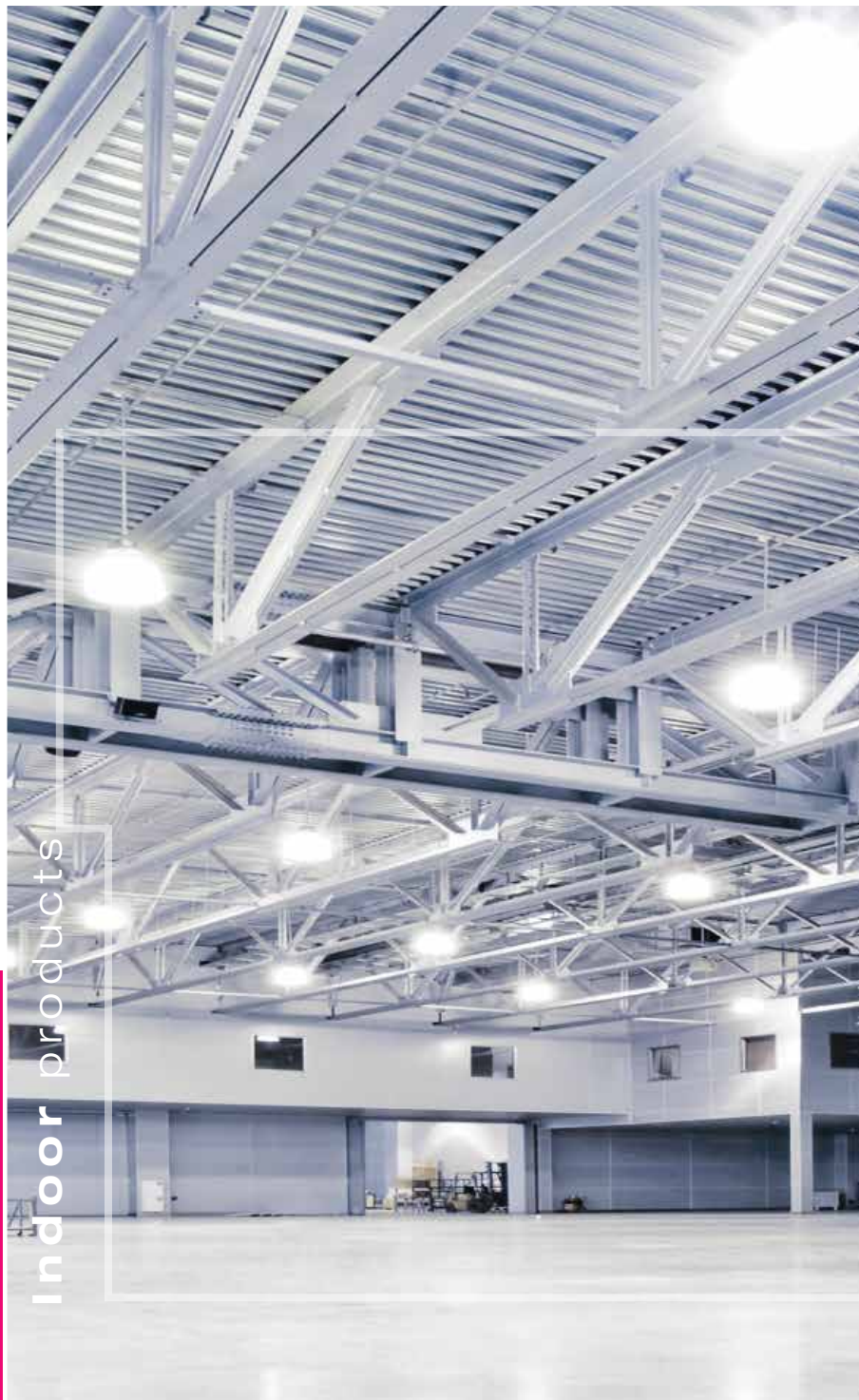
Electrical Characteristics		
Power(W)	30	60
Led Module Type	Integrated	
Type of Control Equipment	Integrated module and ballast	
Mechanical Characteristics		
Body Material	Extruded aluminum	
Diffuser Material	Polystyrene	
Body Coating	Electrostatic powder paint	
Weight(Kg)	0.55	1
General Characteristics		
Nominal ambient temperature(tq)related to lamp performance(C°)	25	
Working Temperature Range(C°)	-20~+45	
Maximum Allowed Humiding(%)	90	
Rated Useful Life (L70B10)	70000	
Optical Characteristics		
Index (W)	30	60
Light Source	SMD LED	
Number Of Leds In The Module(PCS)	45	90
Nominal Power Of Led(W)	1.2	
Luminous Flux(Lm)	2700	5700
Luminous Efficiency(Lm/W)	90	95
Color Temperature(K)	6500, 4000, 3000	
Color Rendering Index	80	



Code: 412527



LED Wall Surface Mount Light

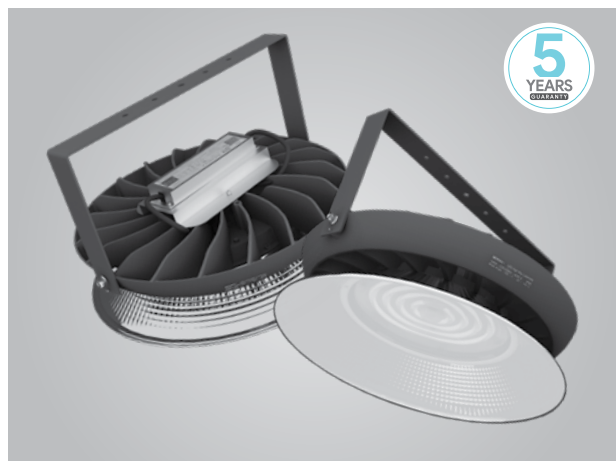


Indoor LED Industrial Light

- Low power consumption and high luminous efficiency
- extremely long lifespan with standard thermal and electronic design.
- No use of mercury in the product and environmentally friendly
- Attractive desing along with advanced temperature control
- No ultraviolet and infrared radiation.
- Equipped with impact resistant diffuser
- Producible with various color temperatures .
- High level of Ingress Protection (IP65)

Standards

IEC 60598-1	IEC 62384	INSO 5920-1	INSO 21006
IEC 60598-2-1	IEC 61000-3-2	INSO 5920-2-1	ISIRI 11721
IEC 62717	IESNA LM 80	INSO 14878-1	INSO 16075
IEC 62031	IEC 61347-1	ISIRI 7260-3-2	INSO 7644-1
IEC 62722-1	IEC 61347-2-13	INSO 20873-1	INSO 7644-2-13
IEC 62722-2-1		INSO 20873-2-1	



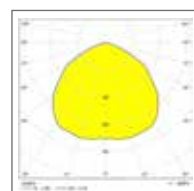
MERIKH 1

Electrical Characteristics	
Power(W)	165
Led Module Type	Integrated
Type of Control Equipment	Independent
Mechanical Characteristics	
Body Material	Aluminum
Diffuser Material	Poly carbonate
Body Coating	Electrostatic powder paint
Weight(Kg)	4.2
General Characteristics	
Nominal ambient temperature(tq)related to lamp performance(C°)	25
Working Temperature Range(C°)	-20~+50
Maximum Allowed Humiding(%)	90
Rated Useful Life (L70B10)	70000
Optical Characteristics	
Index (W)	165
Light Source	SMD LED
Number Of Leds In The Module(PCS)	198
Nominal Power Of Led(W)	1.5
Luminous Flux(Lm)	17300 / 21450
Luminous Efficiency(Lm/W)	130(reduced glare) / 105(Glare free)
Color Temperature(K)	3000,4000,6500
Color Rendering Index	75
Light Distribution Angle(Deg)	100

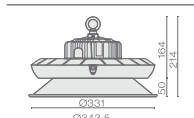
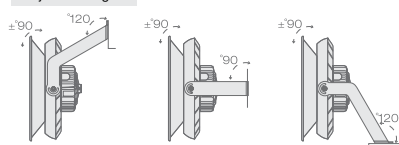


7024

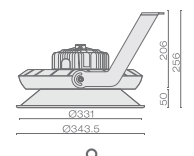
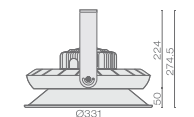
Code: 411401



Adjustable angles



Mounting method with various brackets

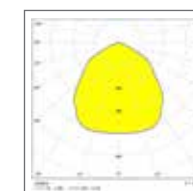
MERIKH 1 *i*

Electrical Characteristics		
Power(W)	100	140
Led Module Type	Integrated	
Type of Control Equipment	Integrated module and ballast	
Mechanical Characteristics		
Body Material	Die-cast aluminum	
Diffuser Material	Poly carbonate	
Body Coating	Electrostatic powder paint	
Weight(Kg)	3.3 - 2.55	
General Characteristics		
Nominal ambient temperature(tq)related to lamp performance(C°)	25	
Working Temperature Range(C°)	-20~+45	
Maximum Allowed Humiding(%)	90	
Rated Useful Life (L70B10)	70000	
Optical Characteristics		
Index (W)	100	140
Light Source	SMD LED	
Number Of Leds In The Module(PCS)	140	132
Nominal Power Of Led(W)	1.2	1.5
Luminous Flux(Lm)	10500	15400
Luminous Efficiency(Lm/W)	105	110
Color Temperature(K)	3000,4000,5000,6500	
Color Rendering Index	75	
Light Distribution Angle(Deg)	100	

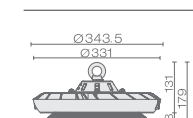
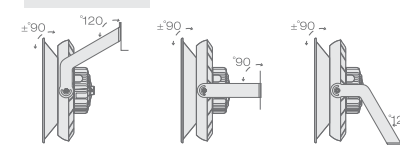


7024

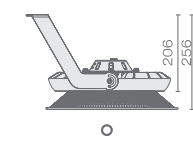
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Adjustable angles



Mounting method with various brackets





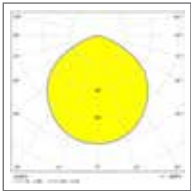
MERIKH 2

Electrical Characteristics		
Power(W)	200	240
Led Module Type	Integrated	
Type of Control Equipment	Independent	
Mechanical Characteristics		
Body Material	Die-cast aluminum	
Diffuser Material	Tempered glass	
Body Coating	Electrostatic powder paint	
Weight(Kg)	6.3 - 6.6	
General Characteristics		
Nominal ambient temperature(tq)related to lamp performance(C°)	25	
Working Temperature Range(C°)	-20~+50	
Maximum Allowed Humiding(%)	95	
Rated Useful Life (L70B10)	70000	
Optical Characteristics		
Index (W)	200	240
Light Source	SMD LED	
Number Of Leds In The Module(PCS)	312	376
Nominal Power Of Led(W)	1.5	
Luminous Flux(Lm)	27000	32400
Luminous Efficiency(Lm/W)	135	
Color Temperature(K)	3000,4000,5000,6500	
Color Rendering Index	75	
Light Distribution Angle(Deg)	100	



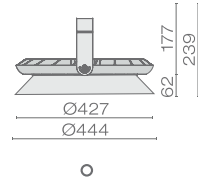
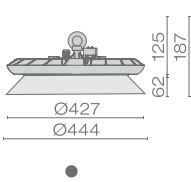
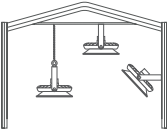
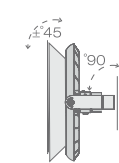
7024

Code: 411410



Adjustable angles

Mounting method with various brackets



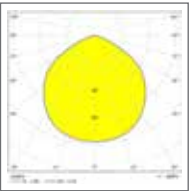
MERIKH 2

Electrical Characteristics	
Power(W)	200
Led Module Type	Integrated
Type of Control Equipment	Integrated module and ballast
Mechanical Characteristics	
Body Material	Die-cast aluminum
Diffuser Material	Tempered glass
Body Coating	Electrostatic powder paint
Weight(Kg)	4.7 - 5.5
General Characteristics	
Nominal ambient temperature(tq)related to lamp performance(C°)	25
Working Temperature Range(C°)	-20~+40
Maximum Allowed Humiding(%)	95
Rated Useful Life (L70B10)	70000
Optical Characteristics	
Index (W)	200
Light Source	SMD LED
Number Of Leds In The Module(PCS)	220
Nominal Power Of Led(W)	1.5
Luminous Flux(Lm)	23000
Luminous Efficiency(Lm/W)	115
Color Temperature(K)	3000,4000,5000,6500
Color Rendering Index	75
Light Distribution Angle(Deg)	100



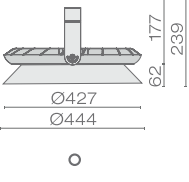
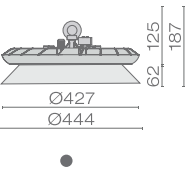
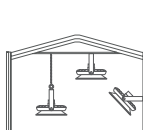
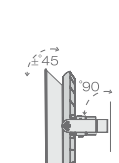
7024

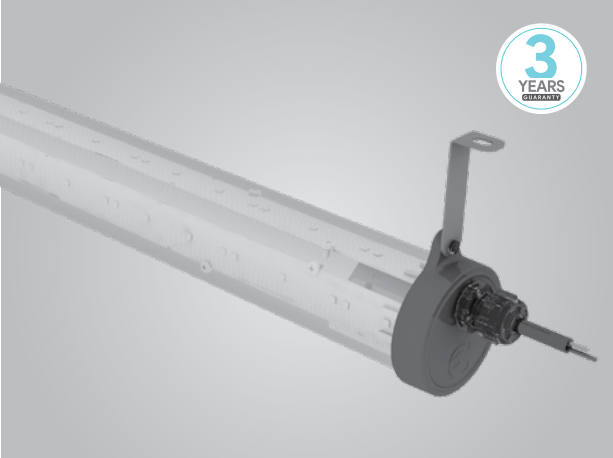
Code: 411410



Adjustable angles

Mounting method with various brackets





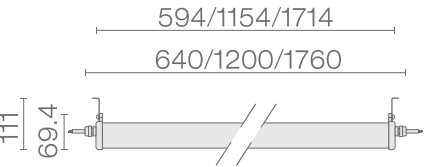
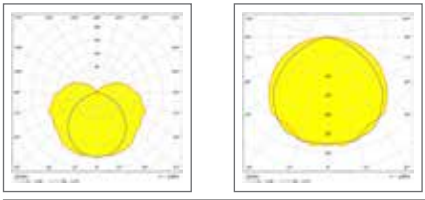
SATIN

Electrical Characteristics				
Power(W)	18	30	45	54
Led Module Type	Integrated			
Type of Control Equipment	Independent			
Mechanical Characteristics				
Body Material	Poly carbonate			
Diffuser Material	Poly carbonate			
Length(cm)	64	120		176
Weight(Kg)	1.6	2.6	3.8	5
General Characteristics				
Nominal ambient temperature(tq) related to lamp performance(C°)	25			
Working Temperature Range(C°)	-20~+50			
Maximum Allowed Humiding(%)	95			
Rated Useful Life (L70B10)	70000			
Optical Characteristics				
Index (W)	18	30	45	54
Light Source	SMD LED			
Number Of Leds In The Module(PCS)	20	32	48	60
Nominal Power Of Led(W)	1.2			
Luminous Flux(Lm)	2700~2850	4750~5000	7000~7400	8300~8700
Luminous Efficiency(Lm/W)	150~158	158~167	156~164	154~161
Color Temperature(K)	3000,4000,5000,6500			
Color Rendering Index	75			
Light Distribution Angle(Deg)	110, 105×180			



1035

Code: 411412



SATIN

Due to its unique features and diverse applications, it is used in various environments such as industrial halls, warehouses, parking lots, storage areas, and even indoor office and commercial spaces





LED Emergency Sign Light

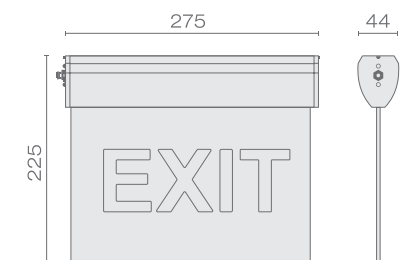


VISTA LED Emergency Sign Light



Code: 412516

Electrical Characteristics	
Power(W)	5
Led Module Type	Integrated
Type of Control Equipment	Independent
Charge time:(hrs)	96
Discharge time:(hrs)	3
Mechanical Characteristics	
Body Material	Aluminum extrude
Diffuser Material	PMMA
Body Coating	Anodized plating
Weight(Kg)	0.62 - 0.74
General Characteristics	
Working Temperature Range(C°)	-20~+40
Maximum Allowed Humiding(%)	90
Rated Useful Life (L70B10)	70000
Optical Characteristics	
Index (W)	5
Light Source	SMD LED
Number Of Leds In The Module(PCS)	8
Nominal Power Of Led(W)	0.5
Color Temperature(K)	6500





Outdoor LED Street & Highway Lighting

- Attractive desing along with advanced temperature control.
- Uniform and glare-free light distribution.
- Increased light efficiency and lifespan along with reduced energy costs.
- Operative in a wide range of ambient temperatures and climates
- High ingress protection and good resistance to corrosion and mechanical stress.
- Producible with various color temperatures .
- High level of Ingress Protection (IP)
- LED lens and modular boards to achieve different and required light distribution.
- protection against impact with hard objects (IK)

Standards			
IEC 60598-1	IEC 62384	INSO 5920-1	ISIRI 11721
IEC 60598-2-3	IEC 61000-4-5	INSO 5920-2-3	INSO 16075
IEC 62722-1	IEC 61000-3-2	INSO 14878-1	INSO 7260-4-5
IEC 62722-2-1	IESNA LM 80	INSO 20873-1	ISIRI 7260-3-2
IEC 62717	IEC 61347-1	INSO 20873-2-1	INSO 7644-1
IEC 62031	IEC 61347-2-13	INSO 21006	INSO 7644-2-13



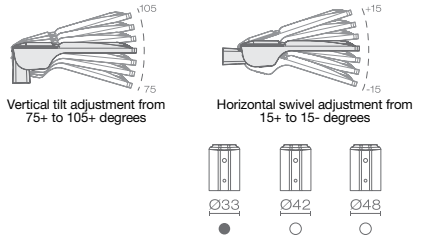
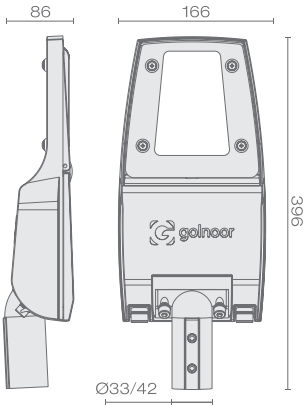
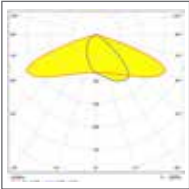
SETAREH XS

Electrical Characteristics	
Power(W)	15
Led Module Type	Integrated
Type of Control Equipment	Independent
Mechanical Characteristics	
Body Material	Die-cast aluminum
Diffuser Material	Tempered glass
Body Coating	Electrostatic powder paint
Weight(Kg)	2.18
General Characteristics	
Nominal ambient temperature(tq)related to lamp performance(C°)	25
Working Temperature Range(C°)	-20~+50
Maximum Allowed Humiding(%)	95
Rated Useful Life (L70B10)	100000
Optical Characteristics	
Index (W)	15
Light Source	SMD LED
Number Of Leds In The Module(PCS)	24
Nominal Power Of Led(W)	1.5
Luminous Flux(Lm)	2100
Luminous Efficiency(Lm/W)	140
Color Temperature(K)	3000,4000,5000,6500
Color Rendering Index	75



7024

Code: 411217



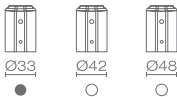
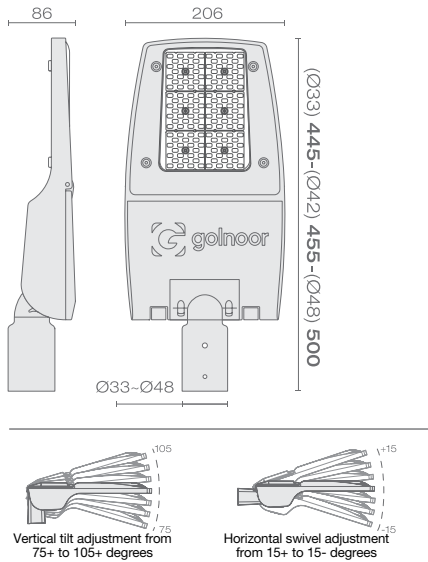
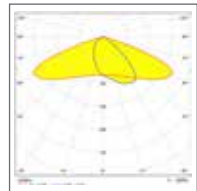


SETAREH S (Pedestrian & Pedal Cyclists)

Electrical Characteristics						
Power(W)	20	25	30	35	40	50
Led Module Type	Integrated					
Type of Control Equipment	Independent					
Mechanical Characteristics						
Body Material	Die-cast aluminum					
Diffuser Material	Tempered glass					
Body Coating	Electrostatic powder paint					
Weight(Kg)	3-2.6					
General Characteristics						
Nominal ambient temperature(tq) related to lamp performance(C°)	25					
Working Temperature Range(C°)	-20~+50					
Maximum Allowed Humiding(%)	95					
Rated Useful Life (L70B10)	100000					
Optical Characteristics						
Index (W)	20	25	30	35	40	50
Light Source	SMD LED					
Number Of Leds In The Module(PCS)	24	48				72
Nominal Power Of Led(W)	1.5					
Luminous Flux(Lm)	2900	3750	4200	5250	5800	7000
Luminous Efficiency(Lm/W)	145	150			145	140
Color Temperature(K)	3000,4000,5000,6500					
Color Rendering Index	75					

7024

Code: 411208

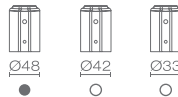
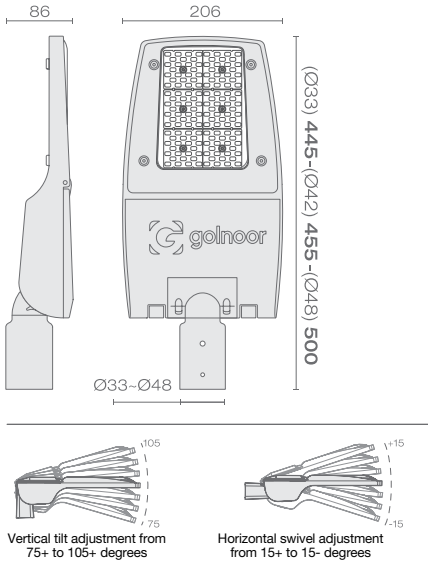
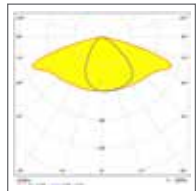


SETAREH S (Motorized traffic)

Electrical Characteristics			
Power(W)	60	80	100
Led Module Type	Integrated		
Type of Control Equipment	Independent		
Mechanical Characteristics			
Body Material	Die-cast aluminum		
Diffuser Material	Tempered glass		
Body Coating	Electrostatic powder paint		
Weight(Kg)	3-2.6		
General Characteristics			
Nominal ambient temperature(tq)related to lamp performance(C°)	25		
Working Temperature Range(C°)	-20~+50		
Maximum Allowed Humiding(%)	95		
Rated Useful Life (L70B10)	100000		
Optical Characteristics			
Index (W)	60	80	100
Light Source	SMD LED		
Number Of Leds In The Module(PCS)	96	144	
Nominal Power Of Led(W)	1.5		
Luminous Flux(Lm)	8700	11600	14000
Luminous Efficiency(Lm/W)	145		140
Color Temperature(K)	3000,4000,5000,6500		
Color Rendering Index	75		

7024

Code: 411208



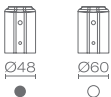
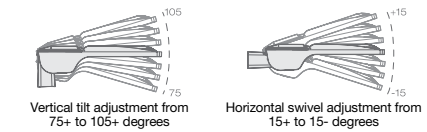
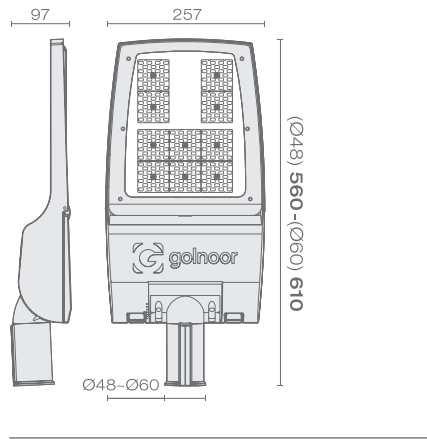
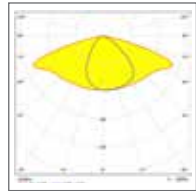


SETAREH M

Electrical Characteristics			
Power(W)	120	150	175
Led Module Type	Integrated		
Type of Control Equipment	Independent		
Mechanical Characteristics			
Body Material	Die-cast aluminum		
Diffuser Material	Tempered glass		
Body Coating	Electrostatic powder paint		
Weight(Kg)	6.5		
General Characteristics			
Nominal ambient temperature(tq)related to lamp performance(C°)	25		
Working Temperature Range(C°)	-20~+50		
Maximum Allowed Humiding(%)	95		
Rated Useful Life (L70B10)	100000		
Optical Characteristics			
Index (W)	120	150	175
Light Source	SMD LED		
Number Of Leds In The Module(PCS)	192	240	288
Nominal Power Of Led(W)	1.5		
Luminous Flux(Lm)	17400	21750	26250
Luminous Efficiency(Lm/W)	145		150
Color Temperature(K)	3000,4000,5000,6500		
Color Rendering Index	75		

7024

Code: 411209

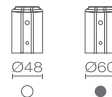
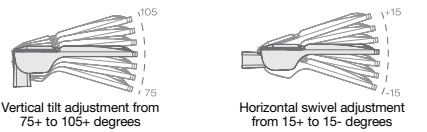
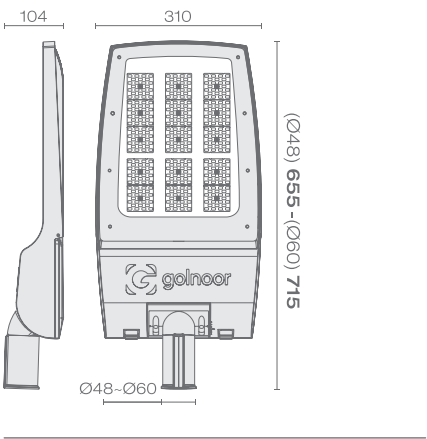
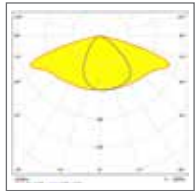


SETAREH L

Electrical Characteristics		
Power(W)	200	240
Led Module Type	Integrated	
Type of Control Equipment	Independent	
Mechanical Characteristics		
Body Material	Die-cast aluminum	
Diffuser Material	Tempered glass	
Body Coating	Electrostatic powder paint	
Weight(Kg)	6.5	
General Characteristics		
Nominal ambient temperature(tq)related to lamp performance(C°)	25	
Working Temperature Range(C°)	-20~+50	
Maximum Allowed Humiding(%)	95	
Rated Useful Life (L70B10)	100000	
Optical Characteristics		
Index (W)	200	240
Light Source	SMD LED	
Number Of Leds In The Module(PCS)	336	432
Nominal Power Of Led(W)	1.5	
Luminous Flux(Lm)	30000	36000
Luminous Efficiency(Lm/W)	150	
Color Temperature(K)	3000,4000,5000,6500	
Color Rendering Index	75	

7024

Code: 411210



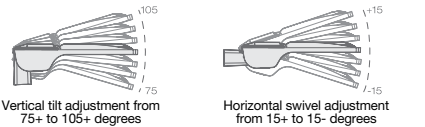
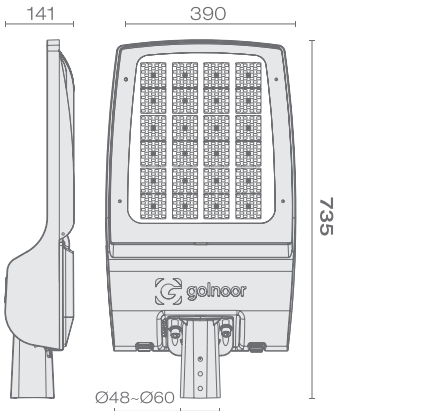
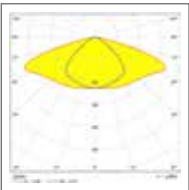


SETAREH XL

Electrical Characteristics			
Power(W)	250	300	340
Led Module Type	Integrated		
Type of Control Equipment	Independent		
Mechanical Characteristics			
Body Material	Die-cast aluminum		
Diffuser Material	Tempered glass		
Body Coating	Electrostatic powder paint		
Weight(Kg)	12.3		
General Characteristics			
Nominal ambient temperature(tq)related to lamp performance(C°)	25		
Working Temperature Range(C°)	-20~+50(200,250W)		
Maximum Allowed Humiding(%)	95		
Rated Useful Life (L70B10)	100000		
Optical Characteristics			
Index (W)	250	300	340
Light Source	SMD LED		
Number Of Leds In The Module(PCS)	432	480	576
Nominal Power Of Led(W)	1.5		
Luminous Flux(Lm)	37500	45000	51000
Luminous Efficiency(Lm/W)	150		
Color Temperature(K)	3000,4000,5000,6500		
Color Rendering Index	75		



7024 Code: 411215



High PF

IP66

CLASS I

QUICK

FULL CUT OFF

LED

Ø48 by adding interface piece

Ø48-Ø60

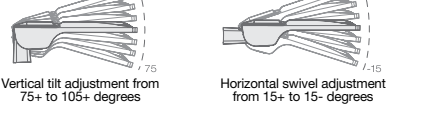
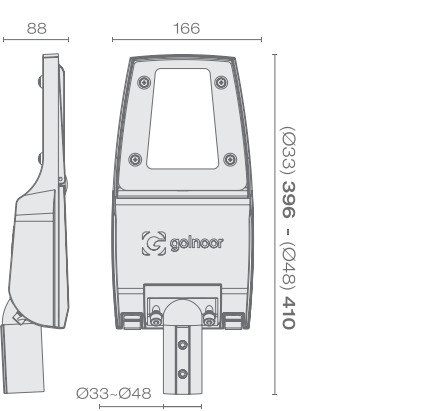
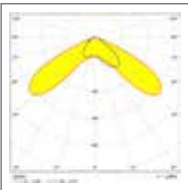


SARINA

Electrical Characteristics				
Power(W)	20	25	30	35
Led Module Type	Integrated			
Type of Control Equipment	Independent			
Mechanical Characteristics				
Body Material	Die-cast aluminum			
Diffuser Material	Tempered glass			
Body Coating	Electrostatic powder paint			
Weight(Kg)	2.28 - 2.37			
General Characteristics				
Nominal ambient temperature(tq)related to lamp performance(C°)	25			
Working Temperature Range(C°)	-20~+50(200,250W)			
Maximum Allowed Humiding(%)	95			
Rated Useful Life (L70B10)	100000			
Optical Characteristics				
Index (W)	20	25	30	35
Light Source	SMD LED			
Number Of Leds In The Module(PCS)	100		98	
Nominal Power Of Led(W)	1.5			
Luminous Flux(Lm)	2600	3200	3700	4200
Luminous Efficiency(Lm/W)	125		120	115
Color Temperature(K)	3000,4000,5000,6500			
Color Rendering Index	75			



9005 Code: 411216



High PF

IP66

CLASS I

QUICK

FULL CUT OFF

LED

Ø33

Ø42

Ø48

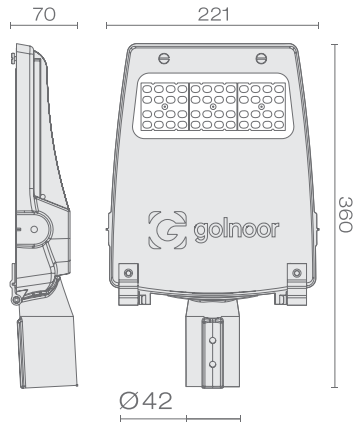
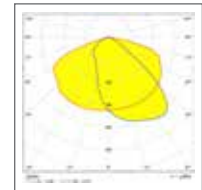


SOHEIL 1

Electrical Characteristics		
Power(W)	30	50
Led Module Type	Integrated	
Type of Control Equipment	Integrated module and ballast	
Mechanical Characteristics		
Body Material	Die-cast aluminum	
Diffuser Material	Tempered glass	
Body Coating	Electrostatic powder paint	
Weight(Kg)	2	
General Characteristics		
Nominal ambient temperature(tq)related to lamp performance(C°)	25	
Working Temperature Range(C°)	-20~+50	
Maximum Allowed Humiding(%)	95	
Rated Useful Life (L70B10)	100000	
Optical Characteristics		
Index (W)	30	50
Light Source	SMD LED	
Number Of Leds In The Module(PCS)	44	
Nominal Power Of Led(W)	1.5	
Luminous Flux(Lm)	3300	5000
Luminous Efficiency(Lm/W)	110	100
Color Temperature(K)	3000,4000,5000,6500	
Color Rendering Index	75	



7024 9005 Code: 411211

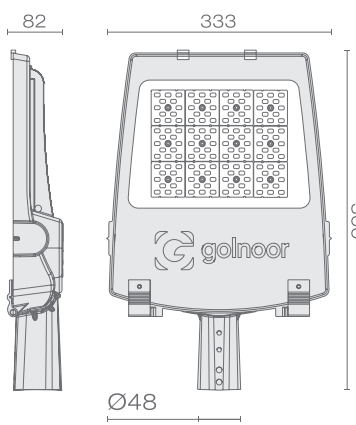
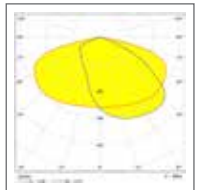


SOHEIL 2

Electrical Characteristics		
Power(W)	100	150
Led Module Type	Integrated	
Type of Control Equipment	Integrated module and ballast	
Mechanical Characteristics		
Body Material	Die-cast aluminum	
Diffuser Material	Tempered glass	
Body Coating	Electrostatic powder paint	
Weight(Kg)	4.5	
General Characteristics		
Nominal ambient temperature(tq)related to lamp performance(C°)	25	
Working Temperature Range(C°)	-20~+40	
Maximum Allowed Humiding(%)	95	
Rated Useful Life (L70B10)	70000	
Optical Characteristics		
Index (W)	100	150
Light Source	SMD LED	
Number Of Leds In The Module(PCS)	88	132
Nominal Power Of Led(W)	1.5	
Luminous Flux(Lm)	9500	14250
Luminous Efficiency(Lm/W)	95	
Color Temperature(K)	3000,4000,5000,6500	
Color Rendering Index	75	



7024 9005 Code: 411214



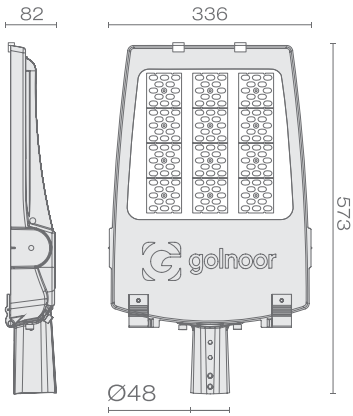
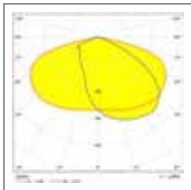


SOHEIL 3

7024 9005

Code: 411213

Electrical Characteristics	
Power(W)	200
Led Module Type	Integrated
Type of Control Equipment	Integrated module and ballast
Mechanical Characteristics	
Body Material	Die-cast aluminum
Diffuser Material	Tempered glass
Body Coating	Electrostatic powder paint
Weight(Kg)	5.6
General Characteristics	
Nominal ambient temperature(tq)related to lamp performance(C°)	25
Working Temperature Range(C°)	-20~+40
Maximum Allowed Humiding(%)	95
Rated Useful Life (L70B10)	70000
Optical Characteristics	
Index (W)	200
Light Source	SMD LED
Number Of Leds In The Module(PCS)	172
Nominal Power Of Led(W)	1.5
Luminous Flux(Lm)	19000
Luminous Efficiency(Lm/W)	95
Color Temperature(K)	3000,4000,5000,6500
Color Rendering Index	75

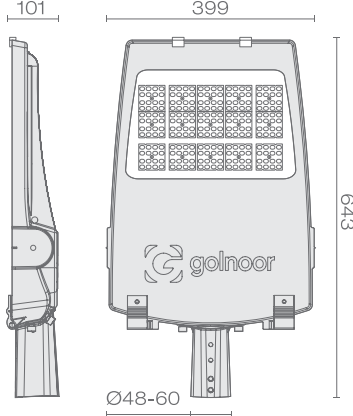
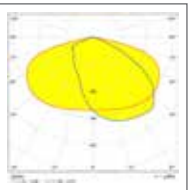


SOHEIL 4

7024 9005

Code: 411212

Electrical Characteristics	
Power(W)	240
Led Module Type	Integrated
Type of Control Equipment	Integrated module and ballast
Mechanical Characteristics	
Body Material	Die-cast aluminum
Diffuser Material	Tempered glass
Body Coating	Electrostatic powder paint
Weight(Kg)	8.4
General Characteristics	
Nominal ambient temperature(tq)related to lamp performance(C°)	25
Working Temperature Range(C°)	-20~+40
Maximum Allowed Humiding(%)	95
Rated Useful Life (L70B10)	70000
Optical Characteristics	
Index (W)	240
Light Source	SMD LED
Number Of Leds In The Module(PCS)	220
Nominal Power Of Led(W)	1.5
Luminous Flux(Lm)	22800
Luminous Efficiency(Lm/W)	95
Color Temperature(K)	3000,4000,5000,6500
Color Rendering Index	75







Outdoor Street & Highway Lighting

- Modular control gear for ease of maintenance
- The possibility of different lamp positions to achieve the best light distribution
- The possibility to use curved and flat tempered glass.
- Transparent tempered glass for less light pollution and higher maintenance factor

Standards

INSO 5920-1	IEC 60598-1
INSO 5920-2-3	IEC 60598-2-3



FOROOZAN

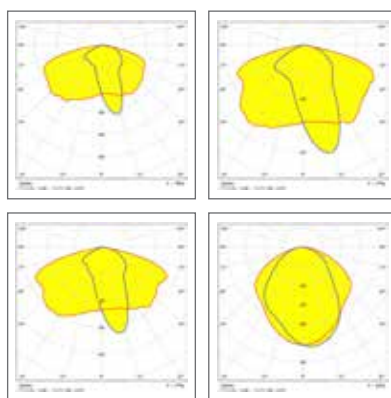
Electrical Characteristics				
Power(W)	35	50	70	125
Optical Characteristics	HPS,MH Lamp			
Input Voltage(V)	230			
Power Factor	0.95			
Lamp Holder	E27			
Capacitor	9	10	12	10
Current without capacitor	0.5	0.8	1	1.2
Current with capacitor	0.2	0.3	0.4	0.7
Mechanical Characteristics				
Body Material	Aluminum			
Type of reflector	Anodized aluminum			
Diffuser Material	Convex tempered glass			
Body Coating	Electrostatic powder paint			
Maximum Weight(Kg)	4.2(125W HPS)			
Weight(Kg)	3.55	3.6	3.85	3.8
General Characteristics				
Nominal ambient temperature(tq)related to lamp performance(C°)	35			
Installation Height (m)	5-7			
Optical IP rating	65			
Electrical IP rating	44			
Lamp Dimensions(cm)	L53xW24xH15			



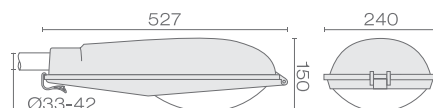
7024

9018

Code: 410101



Available Lamp Types		در Lamp انواع دسترس
High Pressure Sodium (HPS)-Metal Halide		Mercury vapour (HQL)
35 W	50 W	125 W
70 W	100 W	250 W
150 W	250 W	400 W
400 W	600 W	
technically or economically not suggested Can be used Can not be used		Tubular Lamp Elliptical Lamp



KEYHAN

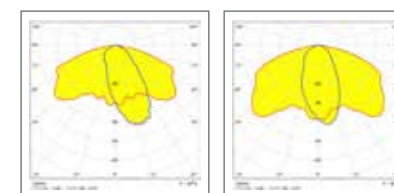
Electrical Characteristics		
Index	KEYHAN 1	KEYHAN 2
Power(W)	150	250
Optical Characteristics	HPS,MH Lamp	
Input Voltage(V)	230	
Power Factor	0.95	
Lamp Holder	E40	
Capacitor	18	35
Current without capacitor	1.8	3
Current with capacitor	0.6	1.3
Mechanical Characteristics		
Body Material	Aluminum	
Type of reflector	Anodized aluminum	
Diffuser Material	Convex tempered glass	
Body Coating	Electrostatic powder paint	
Maximum Weight(Kg)	7(150W HPS)	7.5(150W HPS)
Weight (kg)	7.9(150W HPS)	8.4(150W HPS)
General Characteristics		
Nominal ambient temperature(tq) related to lamp performance(C°)	35	
Installation Height (m)	8-12	
Optical IP rating	65	
Electrical IP rating	43	65
Lamp Dimensions(cm)	L65xW27xH17	L66xW29xH18



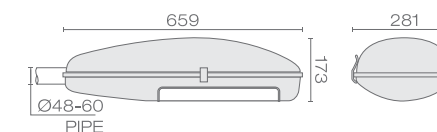
7024

9018

Code: 410111



Available Lamp Types		در Lamp انواع دسترس
High Pressure Sodium (HPS)-Metal Halide		Mercury vapour (HQL)
35 W	50 W	125 W
70 W	100 W	250 W
150 W	250 W	400 W
400 W	600 W	
technically or economically not suggested Can be used Can not be used		Tubular Lamp Elliptical Lamp





Outdoor LED Garden Lighting

- Attractive desing along with advanced temperature control.
- Uniform light distribution.
- Eye-catching and unique appearance.
- Standard power supply capable of precise flow control
- Constant power consumption and light output in a wide range of supply voltage (VAC 180-265)
- Operative in a wide range of ambient temperatures and climates
- High ingress protection and good resistance to corrosion and mechanical stress.
- No ultraviolet and infrared radiation.

Standards

IEC 60598-1	IEC 62384	INSO 5920-1	INSO 20873-2-1
IEC 60598-2-1	IEC 61000-3-2	INSO 5920-2-1	INSO 21006
IEC 62722-1	IESNA LM 80	INSO 14878-1	ISIRI 11721
IEC 62722-2-1	IEC 61347-1	INSO 7644-1	INSO 16075
IEC 62717	IEC 61347-2-13	INSO 7644-2-13	ISIRI 7260-3-2
IEC 62031		INSO 20873-1	

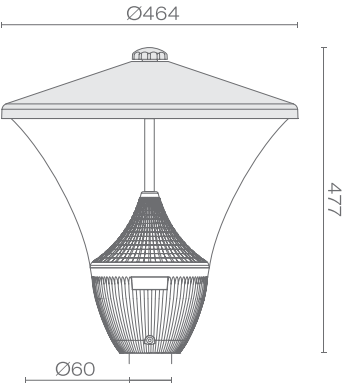
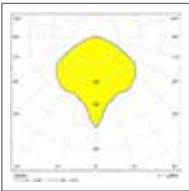


BRILLIANT TC

Electrical Characteristics	
Power(W)	35
Led Module Type	Integrated
Type of Control Equipment	Independent
Mechanical Characteristics	
Body Material	Poly carbonate
Diffuser Material	Poly carbonate
Weight(Kg)	4.3
General Characteristics	
Nominal ambient temperature(tq)related to lamp performance(C°)	25
Working Temperature Range(C°)	-20~+50
Maximum Allowed Humiding(%)	95
Rated Useful Life (L70B10)	100000
Optical Characteristics	
Index (W)	35
Light Source	SMD LED
Number Of Leds In The Module(PCS)	48
Nominal Power Of Led(W)	1.5
Luminous Flux(Lm)	4300~4550
Luminous Efficiency(Lm/W)	123~130
Color Temperature(K)	3000,4000,5000,6500
Color Rendering Index	75



9005 Code: 411109

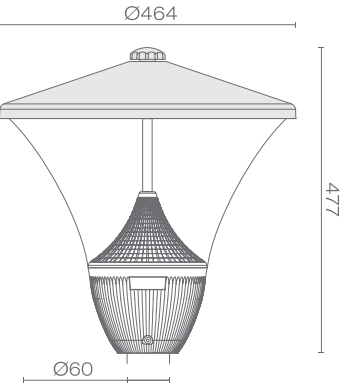
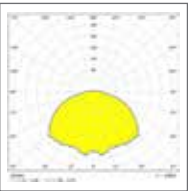


BRILLIANT TS

Electrical Characteristics	
Power(W)	35
Led Module Type	Integrated
Type of Control Equipment	Independent
Mechanical Characteristics	
Body Material	Poly carbonate
Diffuser Material	Poly carbonate
Weight(Kg)	3.9
General Characteristics	
Nominal ambient temperature(tq)related to lamp performance(C°)	25
Working Temperature Range(C°)	-20~+50
Maximum Allowed Humiding(%)	95
Rated Useful Life (L70B10)	100000
Optical Characteristics	
Index (W)	35
Light Source	SMD LED
Number Of Leds In The Module(PCS)	48
Nominal Power Of Led(W)	1.5
Luminous Flux(Lm)	4650~4900
Luminous Efficiency(Lm/W)	133~140
Color Temperature(K)	3000,4000,5000,6500
Color Rendering Index	75



9005 Code: 411109





ORBITAL

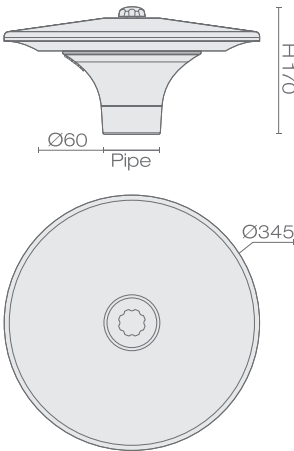
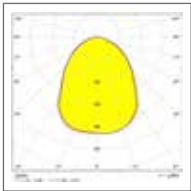
Electrical Characteristics	
Power(W)	25
Led Module Type	Integrated
Type of Control Equipment	Integrated module and ballast
Mechanical Characteristics	
Body Material	Die-cast aluminum
Diffuser Material	Poly carbonate
Body Coating	Electrostatic powder paint
Weight(Kg)	2.3
General Characteristics	
Nominal ambient temperature(tq)related to lamp performance(C°)	25
Working Temperature Range(C°)	-20~+50
Maximum Allowed Humiding(%)	95
Rated Useful Life (L70B10)	70000
Optical Characteristics	
Index (W)	25
Light Source	SMD LED
Number Of Leds In The Module(PCS)	60
Nominal Power Of Led(W)	1.5
Luminous Flux(Lm)	2500
Luminous Efficiency(Lm/W)	100
Color Temperature(K)	3000,4000,5000,6500
Color Rendering Index	75



9016

7024

Code: 411107



LED Garden Lighting

ORBITAL

The 25W Orbital light is a remarkable lighting solution specifically designed for illuminating outdoor spaces like gardens and landscapes. With its IP65 protection rating, the Orbital light is well-suited for use in high-humidity environments and diverse weather conditions. Commonly used to illuminate pathways, walkways, and nighttime scenery, the Orbital light's versatile color temperature options and suitable wattage allow you to create captivating and aesthetically pleasing outdoor lighting designs.





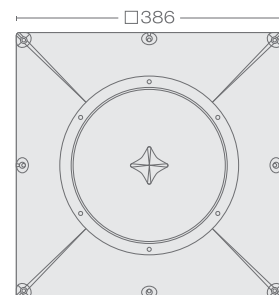
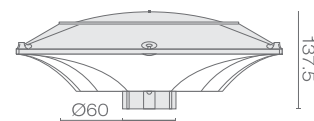
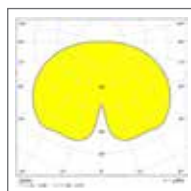
TETRA

Electrical Characteristics	
Power(W)	35
Led Module Type	Integrated
Type of Control Equipment	Independent
Mechanical Characteristics	
Body Material	Die-cast aluminum
Diffuser Material	Poly carbonate
Body Coating	Electrostatic powder paint
Weight(Kg)	3.5
General Characteristics	
Nominal ambient temperature(tq)related to lamp performance(C°)	25
Working Temperature Range(C°)	-20~+50
Maximum Allowed Humiding(%)	95
Rated Useful Life (L70B10)	100000
Optical Characteristics	
Index (W)	35
Light Source	SMD LED
Number Of Leds In The Module(PCS)	48
Nominal Power Of Led(W)	1.5
Luminous Flux(Lm)	4025
Luminous Efficiency(Lm/W)	115
Color Temperature(K)	3000,4000,5000,6500
Color Rendering Index	75



7024

Code: 411105

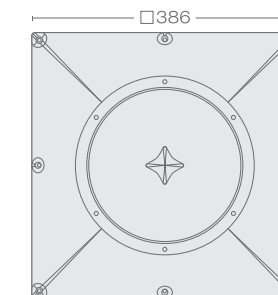
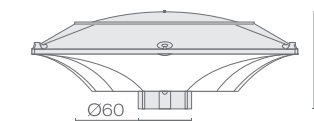
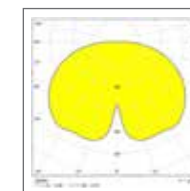
TETRA *i*

Electrical Characteristics	
Power(W)	30
Led Module Type	Integrated
Type of Control Equipment	Integrated module and ballast
Mechanical Characteristics	
Body Material	Die-cast aluminum
Diffuser Material	Poly carbonate
Body Coating	Electrostatic powder paint
Weight(Kg)	3.2
General Characteristics	
Nominal ambient temperature(tq)related to lamp performance(C°)	25
Working Temperature Range(C°)	-20~+40
Maximum Allowed Humiding(%)	95
Rated Useful Life (L70B10)	70000
Optical Characteristics	
Index (W)	30
Light Source	SMD LED
Number Of Leds In The Module(PCS)	44
Nominal Power Of Led(W)	1.5
Luminous Flux(Lm)	3150
Luminous Efficiency(Lm/W)	105
Color Temperature(K)	3000,4000,5000,6500
Color Rendering Index	75



7024

Code: 411105



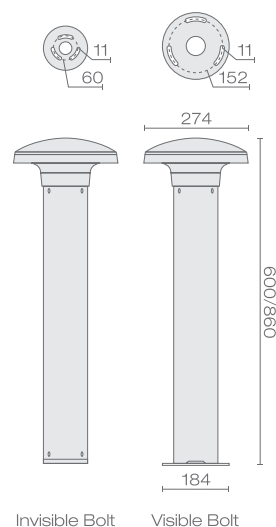
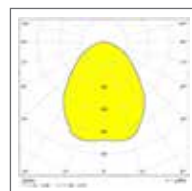


ERIS

Electrical Characteristics	
Power(W)	18
Led Module Type	Integrated
Type of Control Equipment	Independent
Mechanical Characteristics	
Body Material	Aluminum - Iron
Diffuser Material	Poly carbonate
Body Coating	Electrostatic powder paint
Weight(Kg)	Visible Bolt: 8.9, 7.3 Invisible Bolt: 7.9, 6.4
General Characteristics	
Nominal ambient temperature(tq) related to lamp performance(C°)	25
Working Temperature Range(C°)	-20~+50
Maximum Allowed Humiding(%)	95
Rated Useful Life (L70B10)	70000
Optical Characteristics	
Index (W)	18
Light Source	SMD LED
Number Of Leds In The Module(PCS)	110
Nominal Power Of Led(W)	0.2
Luminous Flux(Lm)	1170
Luminous Efficiency(Lm/W)	95
Color Temperature(K)	3000,4000,6500
Color Rendering Index	75



7024 9007 7024 9016 Code:411108

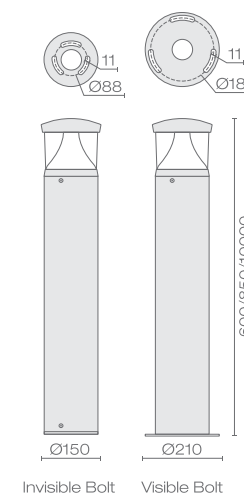
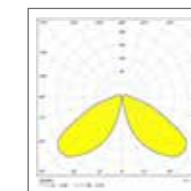


FANOOS

Electrical Characteristics	
Power(W)	18
Led Module Type	Integrated
Type of Control Equipment	Independent
Mechanical Characteristics	
Body Material	Aluminum - Iron
Diffuser Material	Poly carbonate
Body Coating	Electrostatic powder paint
Weight(Kg)	7- 9 - 11.3
General Characteristics	
Nominal ambient temperature(tq) related to lamp performance(C°)	25
Working Temperature Range(C°)	-20~+50
Maximum Allowed Humiding(%)	95
Rated Useful Life (L70B10)	100000
Optical Characteristics	
Index (W)	18
Light Source	SMD LED
Number Of Leds In The Module(PCS)	20
Nominal Power Of Led(W)	1.5
Luminous Flux(Lm)	2070
Luminous Efficiency(Lm/W)	115
Color Temperature(K)	3000,4000,6500 Green, Blue
Color Rendering Index	75



7024 9007 7024 9016 Code:411106



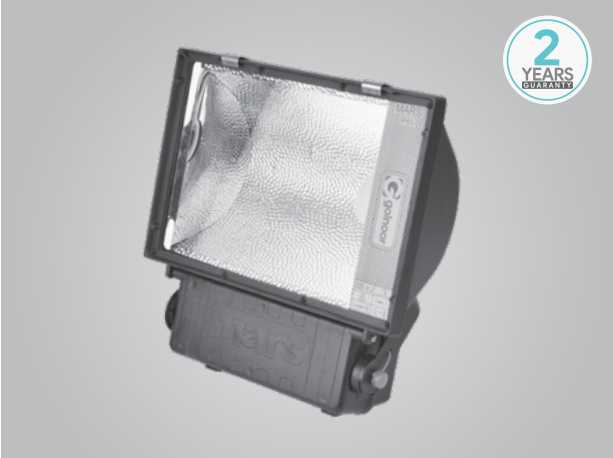
Outdoor products



Outdoor Floodlights

- Aluminum die-cast body
- Separated optical compartment from electrical compartment
- Tempered flat glass
- Durable electrostatic powder coating
- IP65 ingress protection
- Steel mounting bracket equipped with angle indicator
- Precise and easy angle adjustment
- High-reflectivity and purity anodized aluminum reflector

Standards	
IEC 60598-1	INSO 5920-1
IEC 60598-2-5	INSO 5920-2-5



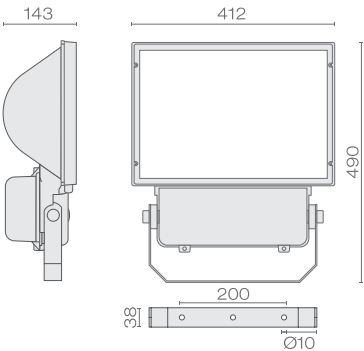
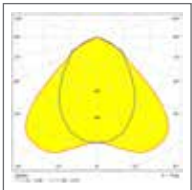
MARS 1

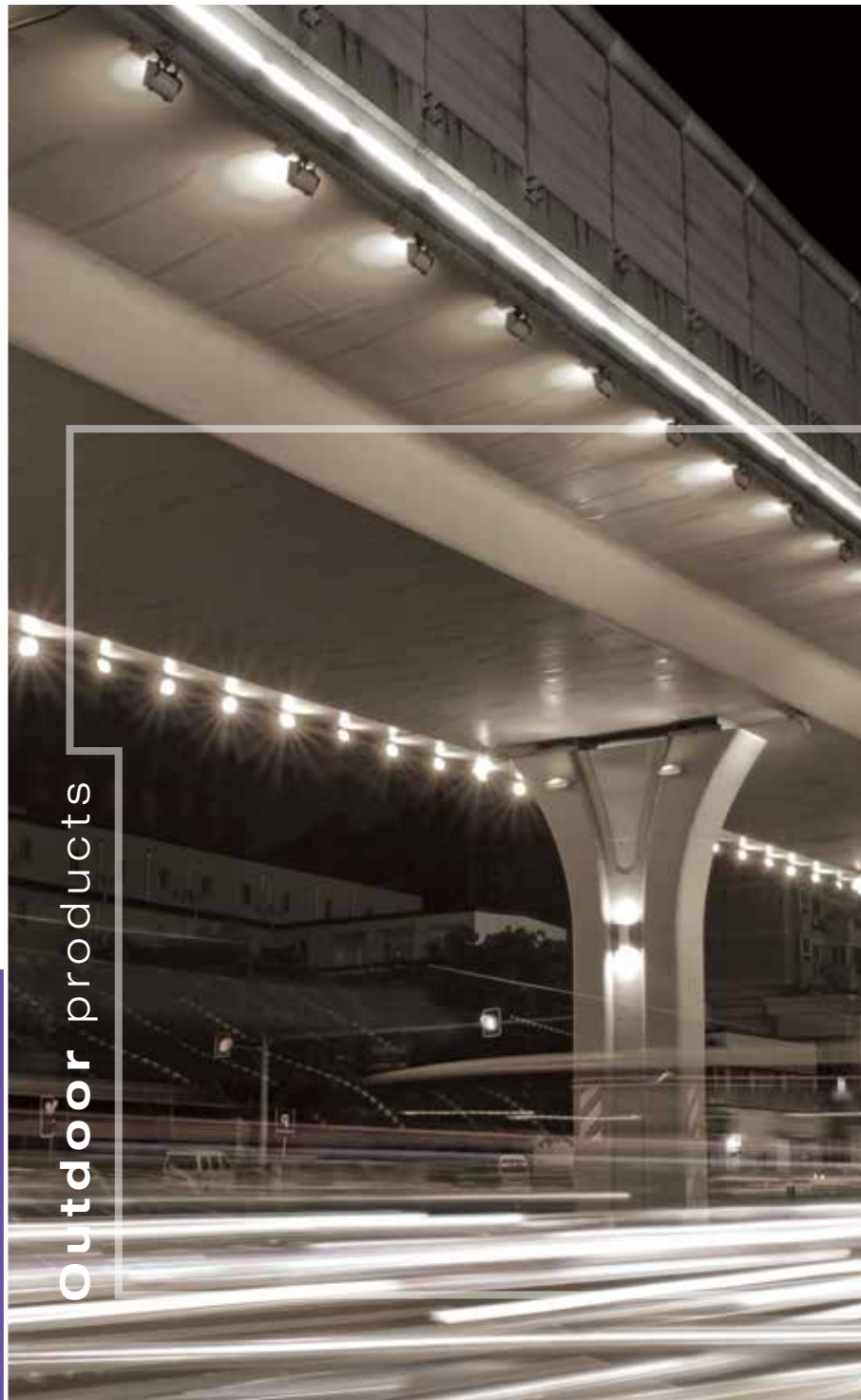
Electrical Characteristics				
Power(W)	150	250		400
Lamp	HPS	HPS	HQL	HPS
Input Voltage(V)	220-240			
Power Factor	0.95			
Lamp Holder	E40			
Capacitor	18	35	18	50
Current without capacitor	1.8	3	2.2	4.4
Current with capacitor	0.6	1.3	1.2	2.1
Mechanical Characteristics				
Body Material	Die-cast aluminum			
Type of reflector	Anodized aluminum			
Diffuser Material	Flat Tempered glass			
Body Coating	Electrostatic powder paint			
Maximum Weight(Kg)	8.1	9.2	8	10
General Characteristics				
Nominal ambient temperature(tq)related to lamp performance(C°)	35			
Installation Height (m)	4-12			
Optical IP rating	65			
Electrical IP rating	65			



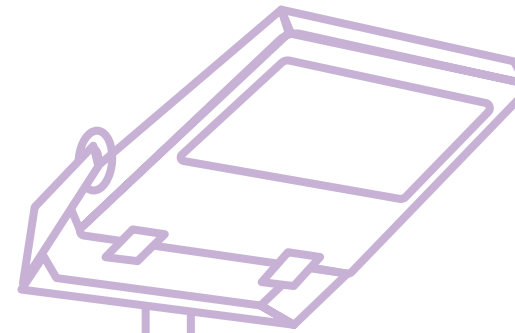
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Code: 410303





Outdoor products

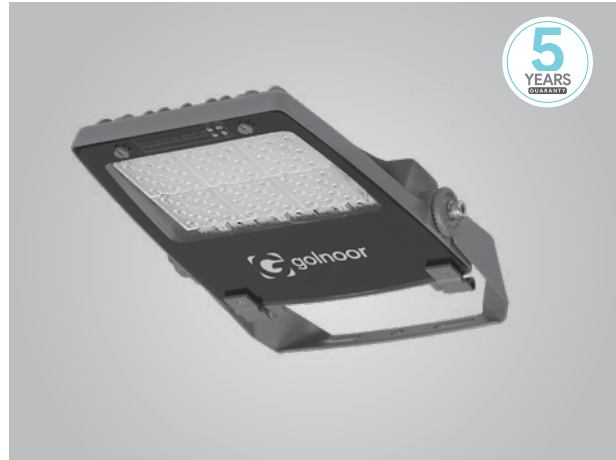


Outdoor LED Floodlights

- Attractive desing along with optimized temperature control.
- Uniform light distribution.
- Increased light efficiency and lifespan along with reduced energy costs
- Operative in a wide range of ambient temperatures and climates
- High ingress protection and good resistance to corrosion and mechanical stress.
- precise and installable
- Producible with various color temperatures and light diffusion angle.
- Symmetric and asymmetric light diffusion.
- LED lens and modular boards to achieve different and required light distribution.
- protection against impact with hard objects (IK)

Standards

IEC 60598-1	IEC 62384	INSO 5920-1	INSO 21006
IEC 60598-2-5	IEC 61000-3-2	INSO 5920-2-5	ISIRI 11721
IEC 62722-1	IESNA LM 80	INSO 14878-1	INSO 16075
IEC 62722-2-1	IEC 61347-1	ISIRI 7260-3-2	INSO 7644-1
IEC 62717	IEC 61347-2-13	INSO 20873-1	INSO 7644-2-13
IEC 62031		INSO 20873-2-1	

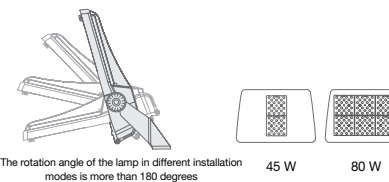
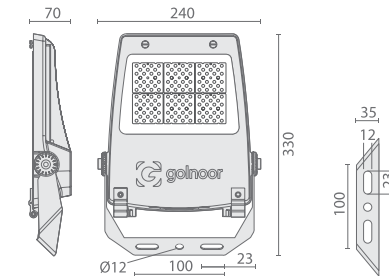
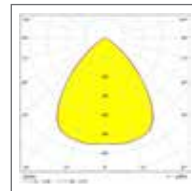


7024 9016 9005

Code: 411305

ARIEL 1

Electrical Characteristics		
Power(W)	45	80
Led Module Type	Integrated	
Type of Control Equipment	Independent	
Mechanical Characteristics		
Body Material	Die-cast aluminum	
Diffuser Material	Tempered glass	
Body Coating	Electrostatic powder paint	
Weight(Kg)	2.45	
General Characteristics		
Nominal ambient temperature(tq)related to lamp performance(C°)	25	
Working Temperature Range(C°)	-20~+50	
Maximum Allowed Humiding(%)	95	
Rated Useful Life (L70B10)	100000	
Optical Characteristics		
Index (W)	45	80
Light Source	SMD LED	
Number Of Leds In The Module(PCS)	48	144
Nominal Power Of Led(W)	1.5	
Luminous Flux(Lm)	6300~6600	11800~12400
Luminous Efficiency(Lm/W)	140~147	148~155
Color Temperature(K)	3000,4000,5000,6500	
Color Rendering Index	75	
Light Distribution Angle(Deg)	30,60,90	

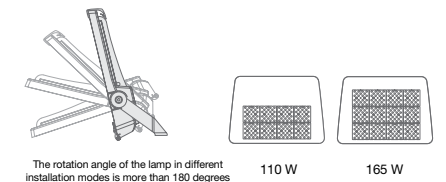
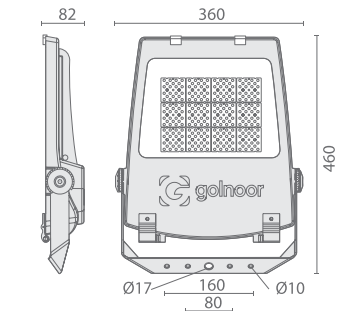
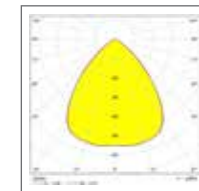


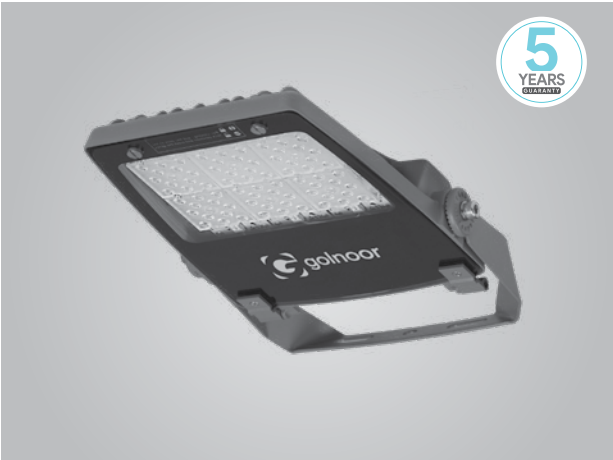
7024 9016 9005

Code: 411312

ARIEL 2

Electrical Characteristics		
Power(W)	110	165
Led Module Type	Integrated	
Type of Control Equipment	Independent	
Mechanical Characteristics		
Body Material	Die-cast aluminum	
Diffuser Material	Tempered glass	
Body Coating	Electrostatic powder paint	
Weight(Kg)	5.5	
General Characteristics		
Nominal ambient temperature(tq) related to lamp performance(C°)	25	
Working Temperature Range(C°)	-20~+50	
Maximum Allowed Humiding(%)	95	
Rated Useful Life (L70B10)	100000	
Optical Characteristics		
Index (W)	110	165
Light Source	SMD LED	
Number Of Leds In The Module(PCS)	192	288
Nominal Power Of Led(W)	1.5	
Luminous Flux(Lm)	16000~17300	24200~26400
Luminous Efficiency(Lm/W)	145~157	146~160
Color Temperature(K)	3000,4000,5000,6500	
Color Rendering Index	75	
Light Distribution Angle(Deg)	30,60,90	





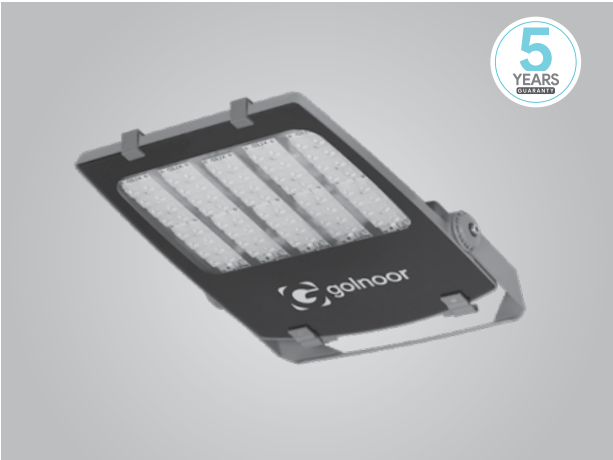
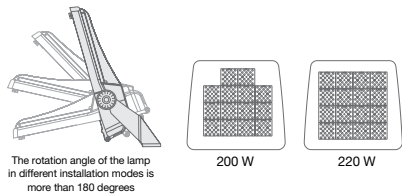
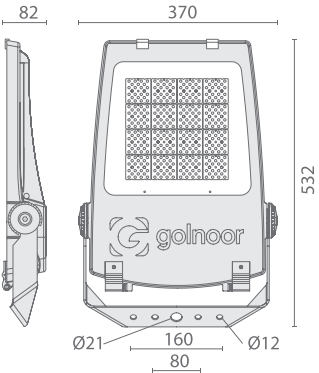
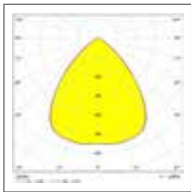
ARIEL 3

Electrical Characteristics		
Power(W)	200	220
Led Module Type	Integrated	
Type of Control Equipment	Independent	
Mechanical Characteristics		
Body Material	Die-cast aluminum	
Diffuser Material	Tempered glass	
Body Coating	Electrostatic powder paint	
Weight(Kg)	7.2	
General Characteristics		
Nominal ambient temperature(tq)related to lamp performance(C°)	25	
Working Temperature Range(C°)	-20~+50	
Maximum Allowed Humiding(%)	95	
Rated Useful Life (L70B10)	100000	
Optical Characteristics		
Index (W)	200	220
Light Source	SMD LED	
Number Of Leds In The Module(PCS)	336	384
Nominal Power Of Led(W)	1.5	
Luminous Flux(Lm)	29900~32400	33000~36000
Luminous Efficiency(Lm/W)	150~162	150~164
Color Temperature(K)	3000,4000,5000,6500	
Color Rendering Index	75	
Light Distribution Angle(Deg)	30,60,90	



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Code: 411307



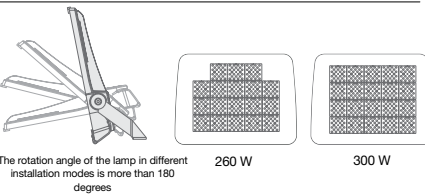
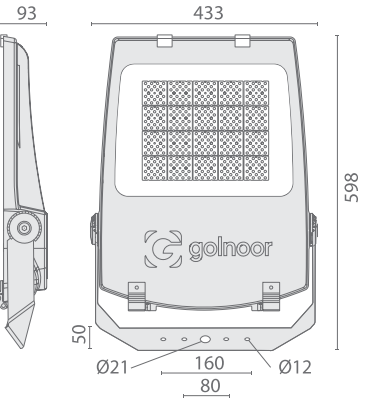
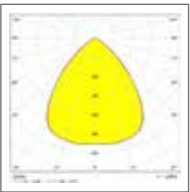
ARIEL 4

Electrical Characteristics		
Power(W)	260	300
Led Module Type	Integrated	
Type of Control Equipment	Independent	
Mechanical Characteristics		
Body Material	Die-cast aluminum	
Diffuser Material	Tempered glass	
Body Coating	Electrostatic powder paint	
Weight(Kg)	10.25	
General Characteristics		
Nominal ambient temperature(tq)related to lamp performance(C°)	25	
Working Temperature Range(C°)	-20~+50	
Maximum Allowed Humiding(%)	95	
Rated Useful Life (L70B10)	100000	
Optical Characteristics		
Index (W)	260	300
Light Source	SMD LED	
Number Of Leds In The Module(PCS)	432	480
Nominal Power Of Led(W)	1.5	
Luminous Flux(Lm)	37300~40500	41000~45000
Luminous Efficiency(Lm/W)	143~156	137~150
Color Temperature(K)	3000,4000,5000,6500	
Color Rendering Index	75	
Light Distribution Angle(Deg)	30,60,90	



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Code: 411306



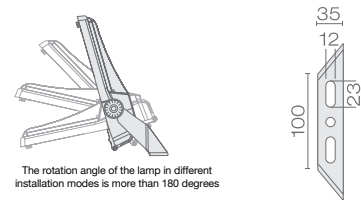
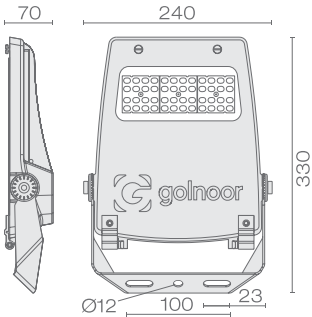
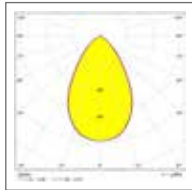


7024 9016 9005

Code: 411310

ARIO 1

Electrical Characteristics	
Power(W)	50
Led Module Type	Integrated
Type of Control Equipment	Integrated module and ballast
Mechanical Characteristics	
Body Material	Die-cast aluminum
Diffuser Material	Tempered glass
Body Coating	Electrostatic powder paint
Weight(Kg)	2
General Characteristics	
Nominal ambient temperature(tq)related to lamp performance(C°)	25
Working Temperature Range(C°)	-20~+50
Maximum Allowed Humiding(%)	95
Rated Useful Life (L70B10)	70000
Optical Characteristics	
Index (W)	50
Light Source	SMD LED
Number Of Leds In The Module(PCS)	44
Nominal Power Of Led(W)	1.5
Luminous Flux(Lm)	5000
Luminous Efficiency(Lm/W)	100
Color Temperature(K)	3000,4000,5000,6500
Color Rendering Index	75
Light Distribution Angle(Deg)	30,60,90



The rotation angle of the lamp in different installation modes is more than 180 degrees

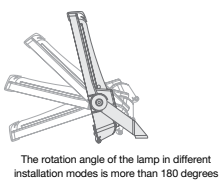
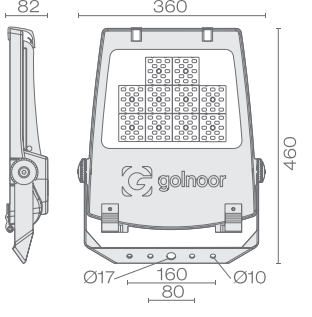
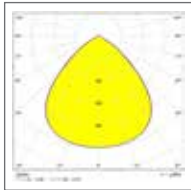


7024 9016 9005

Code: 411313

ARIO 2

Electrical Characteristics		
Power(W)	100	150
Led Module Type	Integrated	
Type of Control Equipment	Integrated module and ballast	
Mechanical Characteristics		
Body Material	Die-cast aluminum	
Diffuser Material	Tempered glass	
Body Coating	Electrostatic powder paint	
Weight(Kg)	4.6	
General Characteristics		
Nominal ambient temperature(tq)related to lamp performance(C°)	25	
Working Temperature Range(C°)	-20~+40	
Maximum Allowed Humiding(%)	95	
Rated Useful Life (L70B10)	70000	
Optical Characteristics		
Index (W)	100	150
Light Source	SMD LED	
Number Of Leds In The Module(PCS)	88	132
Nominal Power Of Led(W)	1.5	
Luminous Flux(Lm)	10000	15000
Luminous Efficiency(Lm/W)	100	
Color Temperature(K)	3000,4000,5000,6500	
Color Rendering Index	75	
Light Distribution Angle(Deg)	30,60,90	



The rotation angle of the lamp in different installation modes is more than 180 degrees



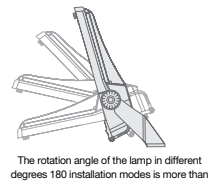
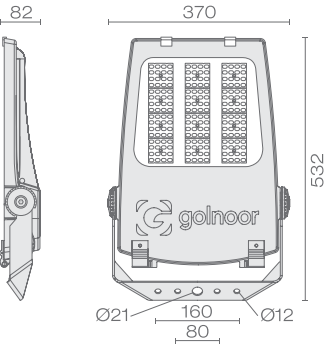
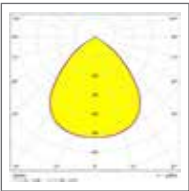


ARIO 3

7024 9016 9005

Code: 411309

Electrical Characteristics	
Power(W)	200
Led Module Type	Integrated
Type of Control Equipment	Integrated module and ballast
Mechanical Characteristics	
Body Material	Die-cast aluminum
Diffuser Material	Tempered glass
Body Coating	Electrostatic powder paint
Weight(Kg)	6.2
General Characteristics	
Nominal ambient temperature(tq)related to lamp performance(C°)	25
Working Temperature Range(C°)	-20~+40
Maximum Allowed Humiding(%)	95
Rated Useful Life (L70B10)	70000
Optical Characteristics	
Index (W)	200
Light Source	SMD LED
Number Of Leds In The Module(PCS)	176
Nominal Power Of Led(W)	1.5
Luminous Flux(Lm)	20000
Luminous Efficiency(Lm/W)	100
Color Temperature(K)	3000,4000,5000,6500
Color Rendering Index	75
Light Distribution Angle(Deg)	30,60,90



The rotation angle of the lamp in different degrees 180 installation modes is more than

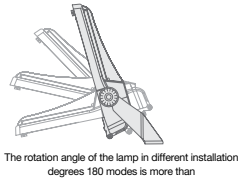
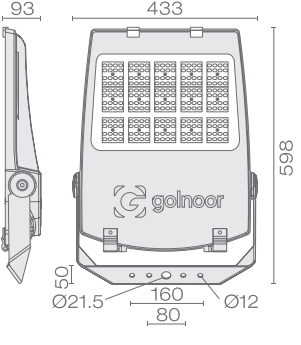
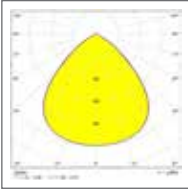


ARIO 4

7024 9016 9005

Code: 411308

Electrical Characteristics	
Power(W)	240
Led Module Type	Integrated
Type of Control Equipment	Integrated module and ballast
Mechanical Characteristics	
Body Material	Die-cast aluminum
Diffuser Material	Tempered glass
Body Coating	Electrostatic powder paint
Weight(Kg)	9.1
General Characteristics	
Nominal ambient temperature(tq)related to lamp performance(C°)	25
Working Temperature Range(C°)	-20~+40
Maximum Allowed Humiding(%)	95
Rated Useful Life (L70B10)	70000
Optical Characteristics	
Index (W)	240
Light Source	SMD LED
Number Of Leds In The Module(PCS)	220
Nominal Power Of Led(W)	1.5
Luminous Flux(Lm)	24000
Luminous Efficiency(Lm/W)	100
Color Temperature(K)	3000,4000,5000,6500
Color Rendering Index	75
Light Distribution Angle(Deg)	30,60,90



The rotation angle of the lamp in different installation degrees 180 modes is more than





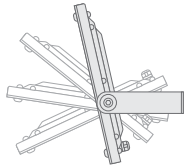
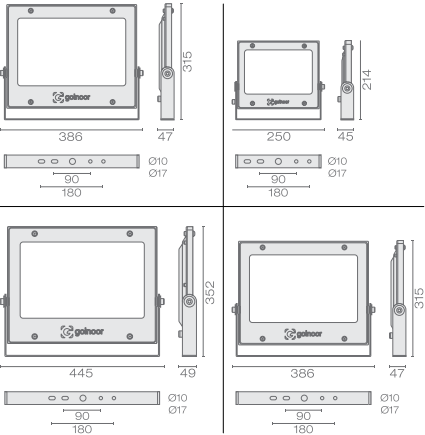
RONAK

Electrical Characteristics				
Power(W)	50	100	150	200
Led Module Type	Integrated			
Type of Control Equipment	Integrated module and ballast			
Mechanical Characteristics				
Body Material	Die-cast aluminum			
Diffuser Material	Tempered glass			
Body Coating	Electrostatic powder paint			
Weight(Kg)	1.6	2.7	3.8	5
General Characteristics				
Nominal ambient temperature(tq) related to lamp performance(C°)	25			
Working Temperature Range(C°)	-20~+50			
Maximum Allowed Humiding(%)	95			
Rated Useful Life (L70B10)	70000			
Optical Characteristics				
Index (W)	50	100	150	200
Light Source	SMD LED			
Number Of Leds In The Module(PCS)	96	192	288	384
Nominal Power Of Led(W)	1.2			
Luminous Flux(Lm)	5500	11000	16500	22000
Luminous Efficiency(Lm/W)	110			
Color Temperature(K)	6500, 4000, 3000			
Color Rendering Index	75			
Light Distribution Angle(Deg)	120			



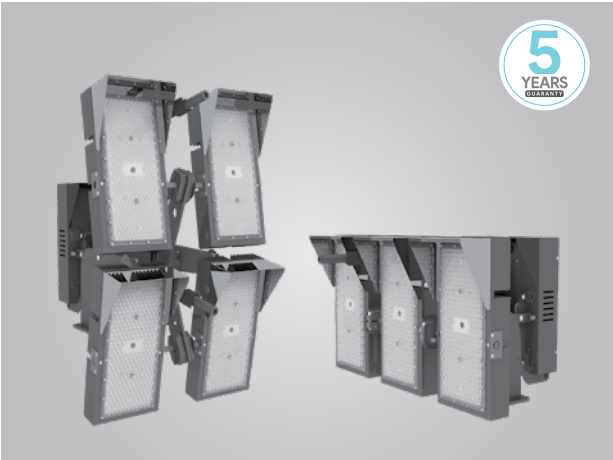
702490169005

Code: 411316



The rotation angle of the lamp in different installation modes is more than 180 degrees

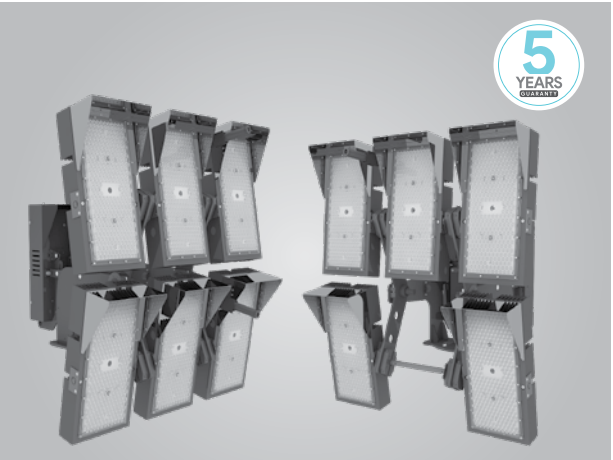




Code: 411316

FARAZ

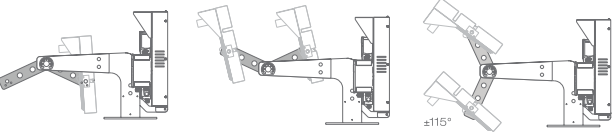
Electrical Characteristics		
Power(W)	900 (3x)	1200 (4x)
Led Module Type	Integrated	
Type of Control Equipment	Independent	
Mechanical Characteristics		
Body Material	Extruded Aluminium/Stainless Steel	
Diffuser Material	Polycarbonate	
Body Coating	Electrostatic powder paint	
Weight(Kg)	35.5	53
General Characteristics		
Nominal ambient temperature(tq) related to lamp performance(C°)	25	
Working Temperature Range(C°)	-20~+50	
Maximum Allowed Humiding(%)	95	
Rated Useful Life (L70B10)	100000	
Optical Characteristics		
Index (W)	900 (3x)	1200 (4x)
Light Source	SMD LED	
Number Of Leds In The Module(PCS)	10°:378	10°:504
	30,50,80° : 1008	30,50,80° : 1344
Nominal Power Of Led(W)	10° : 6	
	30,50,80° : 1.5	
Luminous Flux(Lm)	119000~151000	159000~201000
Luminous Efficiency(Lm/W)	132~167	
Color Temperature(K)	3000,4000,5000,6500	
Color Rendering Index	75	
Light Distribution Angle(Deg)	10,30,50,80	



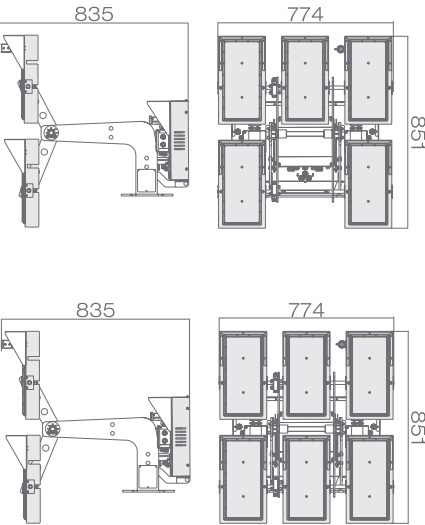
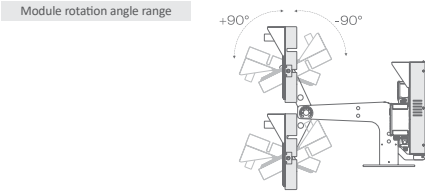
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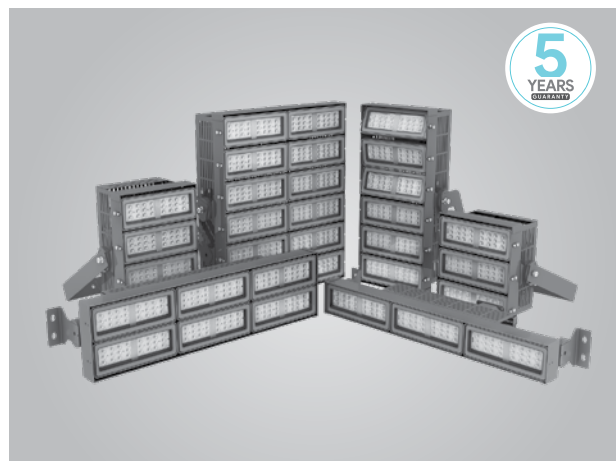
FARAZ

Electrical Characteristics		
Power(W)	1500 (5x)	1800 (6x)
Led Module Type	Integrated	
Type of Control Equipment	Independent	
Mechanical Characteristics		
Body Material	Extruded Aluminium/Stainless Steel	
Diffuser Material	Polycarbonate	
Body Coating	Electrostatic powder paint	
Weight(Kg)	64.6	71
Optical Characteristics		
Index (W)	1500 (5x)	1800 (6x)
Light Source	SMD LED	
Number Of Leds In The Module(PCS)	10°:630	10°:756
	30,50,80° : 1680	30,50,80° : 2016
Nominal Power Of Led(W)	10° : 6	
	30,50,80° : 1.5	
Luminous Flux(Lm)	199000~251000	238000~305000
Luminous Efficiency(Lm/W)	132~167	132~167
Color Temperature(K)	3000,4000,5000,6500	
Color Rendering Index	75	
Light Distribution Angle(Deg)	10,30,50,80	



Arm rotation angle range ±115°





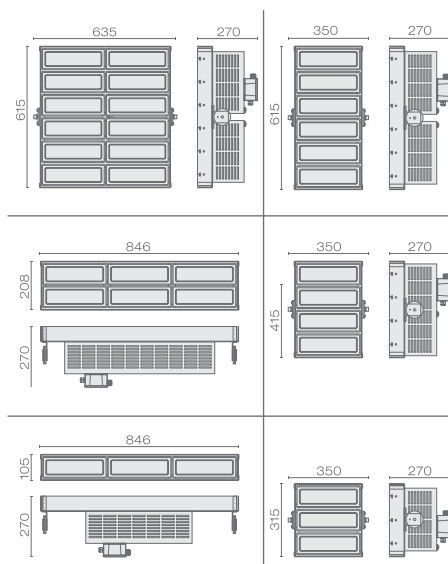
MATRIX

Electrical Characteristics				
Power(W)	300 (1x3)(3x1)	400	500 (6x3)(1x2)	1000
Led Module Type	Integrated			
Type of Control Equipment	Independent			
Mechanical Characteristics				
Module Material	Diecast Aluminum			
Diffuser Material	Tempered glass			
Body Coating	Electrostatic powder paint			
Weight(Kg)	9.75	12.6	17	30
General Characteristics				
Nominal ambient temperature(tq) related to lamp performance(C°)	25			
Working Temperature Range(C°)	-20~+50			
Maximum Allowed Humiding(%)	95			
Rated Useful Life (L70B10)	100000			
Optical Characteristics				
Index (W)	300	400	500	1000
Light Source	SMD LED			
Number Of Leds In The Module(PCS)	72	96	144	288
Nominal Power Of Led(W)	5			
Luminous Flux(Lm)	37000 ~33000	48500 ~44000	65000 ~57000	127000 ~112000
Luminous Efficiency(Lm/W)	110~123	110~121	114~130	112~127
Color Temperature(K)	3000,4000,5000,6500			
Color Rendering Index	75			
Light Distribution Angle(Deg)	30,60,90			



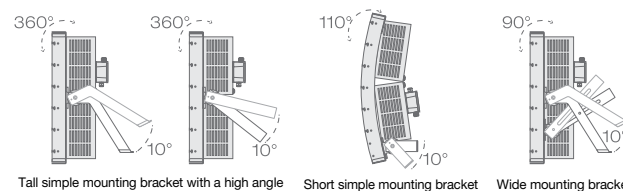
7024 9016 9005

Code: 411314



MATRIX CURVE

Electrical Characteristics	
Power(W)	500
Led Module Type	Integrated
Type of Control Equipment	Independent
Mechanical Characteristics	
Module Material	Diecast Aluminum
Diffuser Material	Tempered glass
Body Coating	Electrostatic powder paint
Weight(Kg)	17
General Characteristics	
Nominal ambient temperature(tq) related to lamp performance(C°)	25
Working Temperature Range(C°)	-20~+50
Maximum Allowed Humiding(%)	95
Rated Useful Life (L70B10)	100000
Optical Characteristics	
Index (W)	500
Light Source	SMD LED
Number Of Leds In The Module(PCS)	144
Nominal Power Of Led(W)	5
Luminous Flux(Lm)	57000~65000
Luminous Efficiency(Lm/W)	114~130
Color Temperature(K)	3000,4000,5000,6500
Color Rendering Index	75
Light Distribution Angle(Deg)	30,60,90

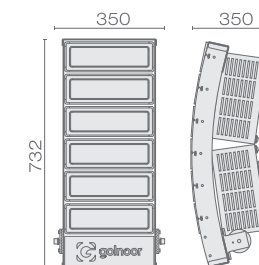
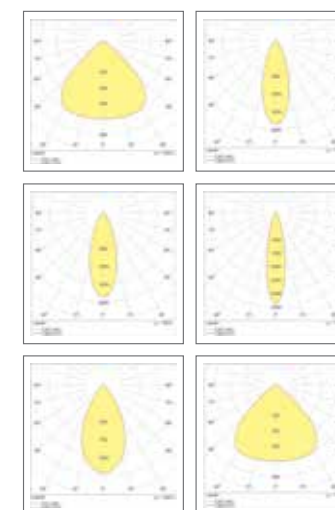


Tall simple mounting bracket with a high angle Short simple mounting bracket Wide mounting bracket

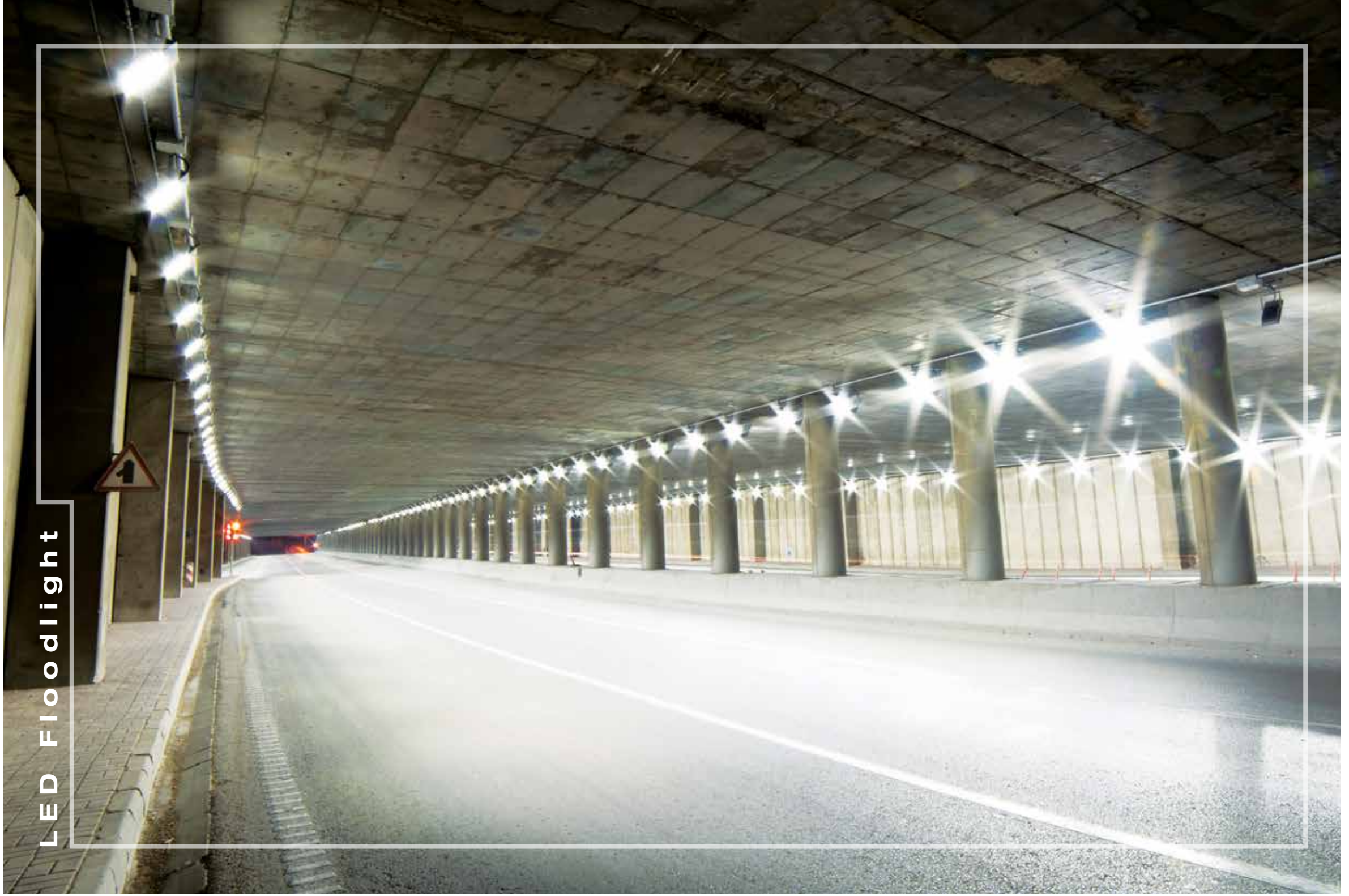


7024 9016 9005

Code: 411314



LED Floodlight





Outdoor products



Outdoor LED Industrial Light

- Attractive desing along with advanced temperature control.
- No ultraviolet and infrared radiation.
- Equipped with impact resistant diffuser
- Producible with various color temperatures
- High level of Ingress Protection (IP65)

Standards

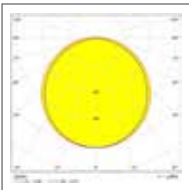
IEC 60598-1	IEC 62384	INSO 5920-1	INSO 21006
IEC 60598-2-1	IEC 61000-3-2	INSO 5920-2-1	ISIRI 11721
IEC 62717	IESNA LM 80	INSO 14878-1	INSO 16075
IEC 62031	IEC 61347-1	ISIRI 7260-3-2	INSO 7644-1
IEC 62722-1	IEC 61347-2-13	INSO 20873-1	INSO 7644-2-13
IEC 62722-2-1		INSO 20873-2-1	



Code: 411404

ATLAS

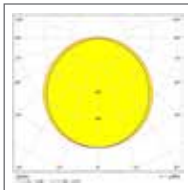
Electrical Characteristics			
Power(W)	20	36	60
Led Module Type	Integrated		
Type of Control Equipment	Independent		
Mechanical Characteristics			
Body Material	Aluminum		
Diffuser Material	Poly carbonate		
Body Coating	Electrostatic powder paint		
Weight(Kg)	1.36	2.2	
General Characteristics			
Nominal ambient temperature(tq) related to lamp performance(C°)	25		
Working Temperature Range(C°)	-20~+50		
Maximum Allowed Humiding(%)	95		
Rated Useful Life (L70B10)	100000		
Optical Characteristics			
Index (W)	20	36	60
Light Source	SMD LED		
Number Of Leds In The Module(PCS)	36	72	96
Nominal Power Of Led(W)	1.5		
Luminous Flux(Lm)	2050~2150	4500~4700	6100~6400
Luminous Efficiency(Lm/W)	103~108	125~131	102~107
Color Temperature(K)	3000,4000,5000,6500		
Color Rendering Index	75		



Code: 411405

ATLAS *i*

Electrical Characteristics	
Power(W)	36
Led Module Type	Integrated
Type of Control Equipment	Integrated module and ballast
Mechanical Characteristics	
Body Material	Aluminum
Diffuser Material	Poly carbonate
Body Coating	Electrostatic powder paint
Weight(Kg)	1.46
General Characteristics	
Nominal ambient temperature(tq) related to lamp performance(C°)	25
Working Temperature Range(C°)	-20~+50
Maximum Allowed Humiding(%)	95
Rated Useful Life (L70B10)	70000
Optical Characteristics	
Index (W)	25
Light Source	SMD LED
Number Of Leds In The Module(PCS)	220
Nominal Power Of Led(W)	1.5
Luminous Flux(Lm)	3100~3250
Luminous Efficiency(Lm/W)	86~90
Color Temperature(K)	3000,4000,5000,6500
Color Rendering Index	75

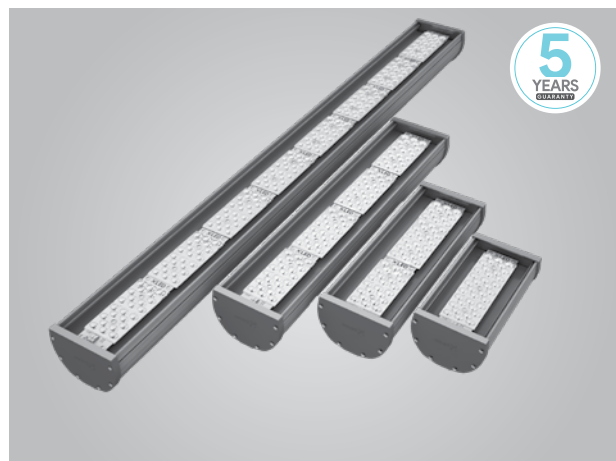




Outdoor LED Linear Floodlights

- Specially designed for building lighting Application ranges in both indoor and outdoor environments.
- High luminous efficiency to reduce energy costs in lighting projects.
- Ability to achieve the best light distribution curve to match the lighting project or Application range.
- Variety of colors, beam angles, and supply voltages.
- The best and most attractive color combinations and lighting effects in the RGB color changing system.
- Easy installation with Through Wiring system.
- Precise adjustment of the installation angle of the luminaire using the stainless steel mounting bracket.
- High protection class and impact resistance for outdoor use.

Standards			
IEC 60598-1	IEC 62384	INSO 5920-1	ISIRI 11721
IEC 60598-2-1	IEC 61000-3-2	INSO 5920-2-1	INSO 16075
IEC 62722-1	IESNA LM 80	INSO 14878-1	ISIRI 7260-3-2
IEC 62722-2-1	IEC 61347-1	INSO 20873-1	INSO 7644-1
IEC 62717	IEC 61347-2-13	INSO 20873-2-1	INSO 7644-2-13
IEC 62031		INSO 21006	



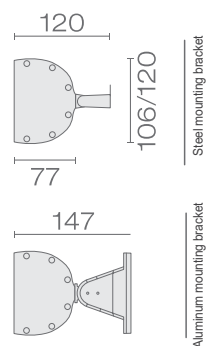
AZARAKHSH 2

Electrical Characteristics							
Power(W)	9	10	18	20	30	50	100
Voltage type	AC / DC						
Led Module Type	Integrated						
Type of Control Equipment	Independent						
Mechanical Characteristics							
Length(cm)	10	20	30	50	100		
Body Material	Extruded aluminum						
Diffuser Material	Flat Tempered glass						
Body Coating	Anodized plating						
Weight(Kg)	0.8	1.3	1.9	2.8	4.8		
General Characteristics							
Nominal ambient temperature (tq) related to lamp performance(C°)	25						
Working Temperature Range(C°)	-20~+45						
Maximum Allowed Humiding(%)	95						
Rated Useful Life (L70B10)	70000						
Optical Characteristics							
Index (W)	9	10	18	20	30	50	100
Light Source	SMD LED						
Number Of Leds In The Module(PCS)	12	24	36	60	96	192	
Nominal Power Of Led(W)	1.5						
Luminous Flux(Lm)	1080	1200	2160	2400	3600	6000	12000
Luminous Efficiency(Lm/W)	120						
Color Temperature(K)	3000,4000,5000,6500						
Color Rendering Index	75						
Light Distribution Angle(Deg)	25,60,90						



1035

Code: 412009



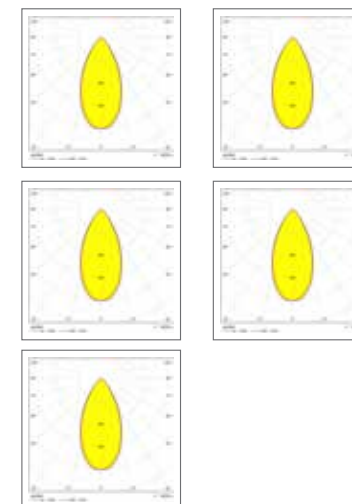
AZARAKHSH 2 RGB

Electrical Characteristics						
Power(W)	8	15	25	30	50	100
Voltage type	DC					
Led Module Type	Integrated					
Type of Control Equipment	Independent					
Mechanical Characteristics						
Length(cm)	10	30	50	100		
Body Material	Extruded aluminum					
Diffuser Material	Flat Tempered glass					
Body Coating	Anodized plating					
Weight(Kg)	0.8	1.9	2.8	4.8		
General Characteristics						
Nominal ambient temperature(tq) related to lamp performance(C°)	25					
Working Temperature Range(C°)	-20~+45					
Maximum Allowed Humiding(%)	95					
Rated Useful Life (L70B10)	70000					
Optical Characteristics						
Index (W)	8	15	25	30	50	100
Light Source	SMD LED					
Number Of Leds In The Module(PCS)	9	21	42	84	168	
Nominal Power Of Led(W)	1.5					
Light Distribution Angle(Deg)	25,60,90					



1035

Code: 412009



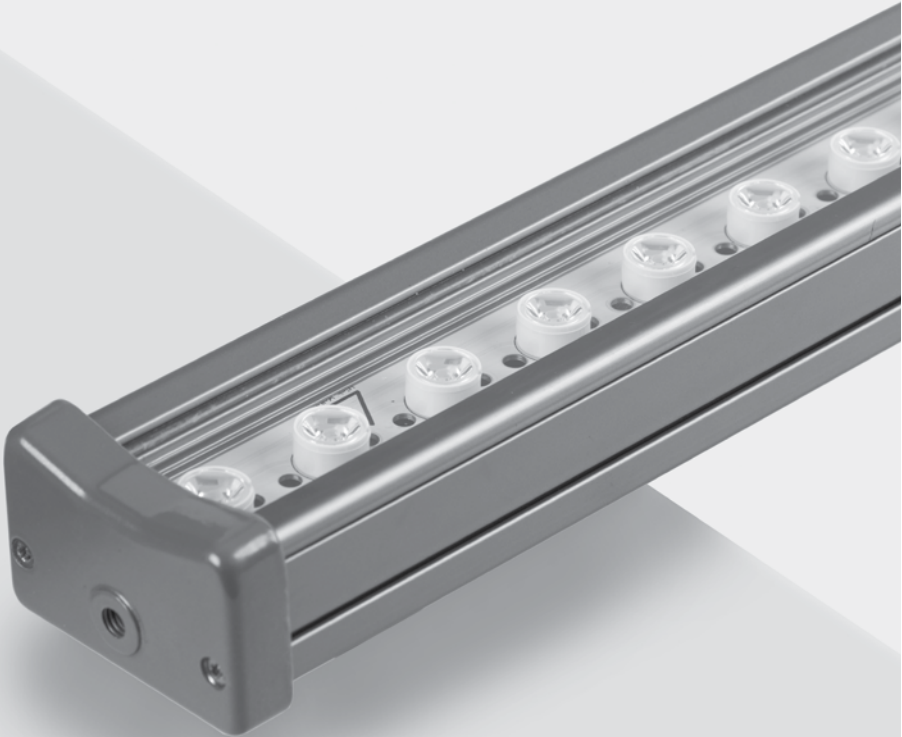
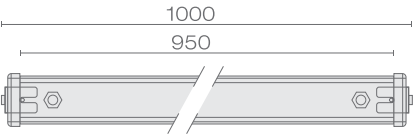
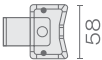
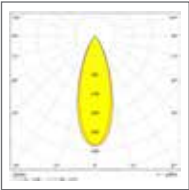


1035

Code: 412010

AZARAKHSH 3

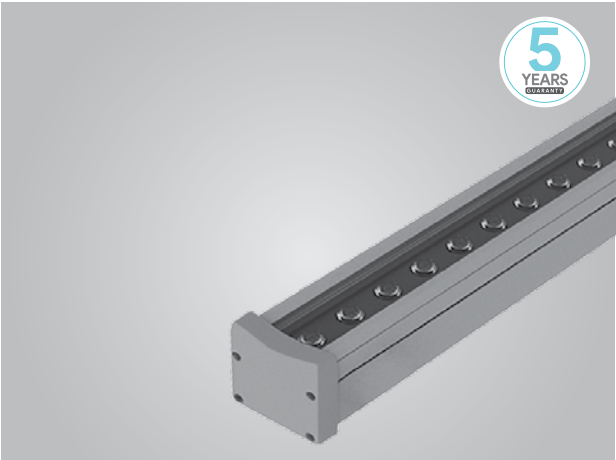
Electrical Characteristics		
Power(W)	36	40
Led Module Type	Integrated ballast	Integrated
Type of Control Equipment	---	Integrated
Mechanical Characteristics		
Length(cm)	100	
Body Material	Extruded aluminum	
Diffuser Material	Flat Tempered glass	
Body Coating	Anodized plating	
Weight(Kg)	1.8	
General Characteristics		
Nominal ambient temperature(tq) related to lamp performance(C°)	25	
Working Temperature Range(C°)	-20~+45	
Maximum Allowed Humiding(%)	95	
Rated Useful Life (L70B10)	70000	
Optical Characteristics		
Index (W)	36	
Light Source	SMD LED	
Number Of Leds In The Module(PCS)	36	
Nominal Power Of Led(W)	1.5	
Luminous Flux(Lm)	2200~3050	-
Luminous Efficiency(Lm/W)	61~84	-
Color Temperature(K)	3000,4000,5000,6500 Blue, Green, Syan	Red/ Amber
Color Rendering Index	75	
Light Distribution Angle(Deg)	15,25,45,15x15x5,50x15x3	



LED Linear Floodlights

Azarakhsh

For detailed technical specifications of the Azarakhsh series colored lights, please visit our website.



AZARAKHSH 4

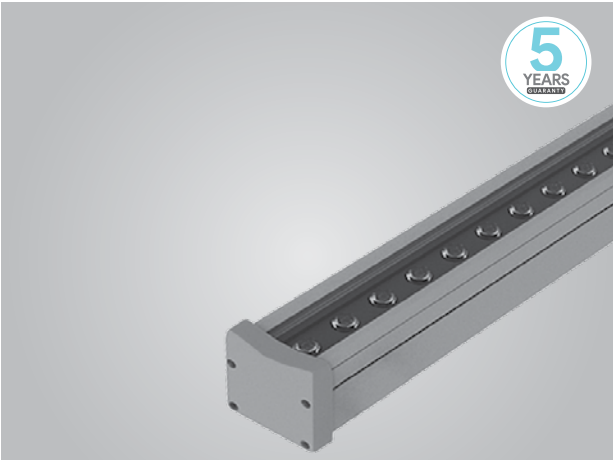
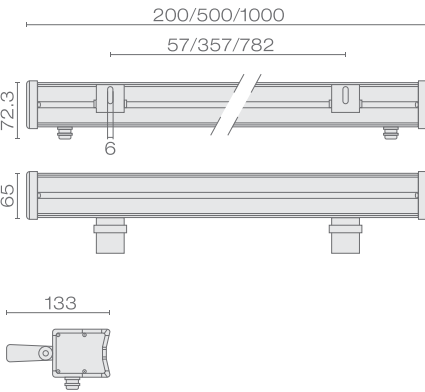
Electrical Characteristics				
Power(W)	5	10	20	40
Voltage type	AC / DC			
Led Module Type	Integrated			
Type of Control Equipment	Independent			
Mechanical Characteristics				
Length(cm)	20	50	100	
Body Material	Extruded aluminum			
Diffuser Material	Flat Tempered glass			
Body Coating	Anodized plating			
Weight(Kg)	0.8	1.4	2.4	
General Characteristics				
Nominal ambient temperature(tq) related to lamp performance(C°)	25			
Working Temperature Range(C°)	-20~+45			
Maximum Allowed Humiding(%)	95			
Rated Useful Life (L70B10)	70000			
Optical Characteristics				
Index (W)	5	10	20	40
Light Source	SMD LED			
Number Of Leds In The Module(PCS)	6	12	18	36
Nominal Power Of Led(W)	1.5			
Luminous Flux(Lm)	500~350	1070~790	1970~1350 2100~1520	4150~3000
Luminous Efficiency(Lm/W)	68~107			
Color Temperature(K)	3000,4000,5000,6500			
Color Rendering Index	75			
Light Distribution Angle(Deg)	25,60,90			



1035

Code: 412009

Available in color temperatures of 6500K, 5000K, 4000K, and 3000K, as well as blue, turquoise, green, and purple.



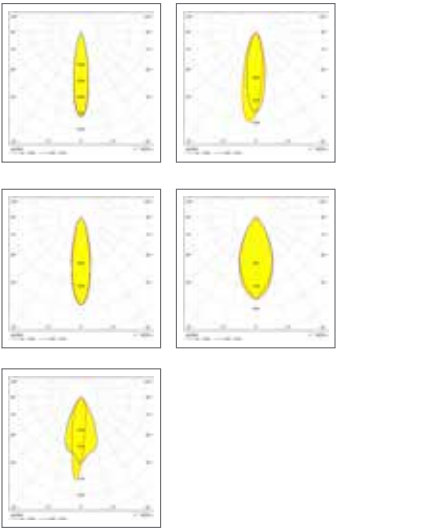
AZARAKHSH 4 RGB

Electrical Characteristics			
Power(W)	12	25	50
Voltage type	DC		
Nominal Input Voltage (V/DC)	12	24	
Led Module Type	Integrated ballast		
Type of Control Equipment	---		
Mechanical Characteristics			
Length(cm)	20	50	100
Body Material	Extruded aluminum		
Diffuser Material	Flat Tempered glass		
Body Coating	Anodized plating		
Weight(Kg)	0.8	1.4	2.4
General Characteristics			
Nominal ambient temperature(tq)related to lamp performance(C°)	25		
Working Temperature Range(C°)	-20~+45		
Maximum Allowed Humiding(%)	95		
Rated Useful Life (L70B10)	70000		
Optical Characteristics			
Index (W)	12	25	50
Light Source	SMD LED		
Number Of Leds In The Module(PCS)	9	21	42
Nominal Power Of Led(W)	1.5		
Luminous Flux(Lm)	Red:630 ,Green:530 ,Blue:450		
Light Distribution Angle(Deg)	15,25,50,15x15x5,50x15x3		



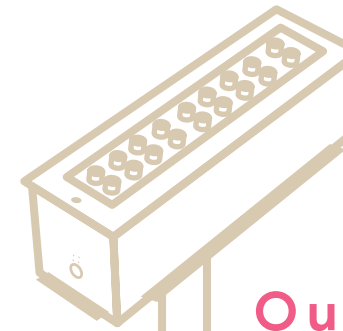
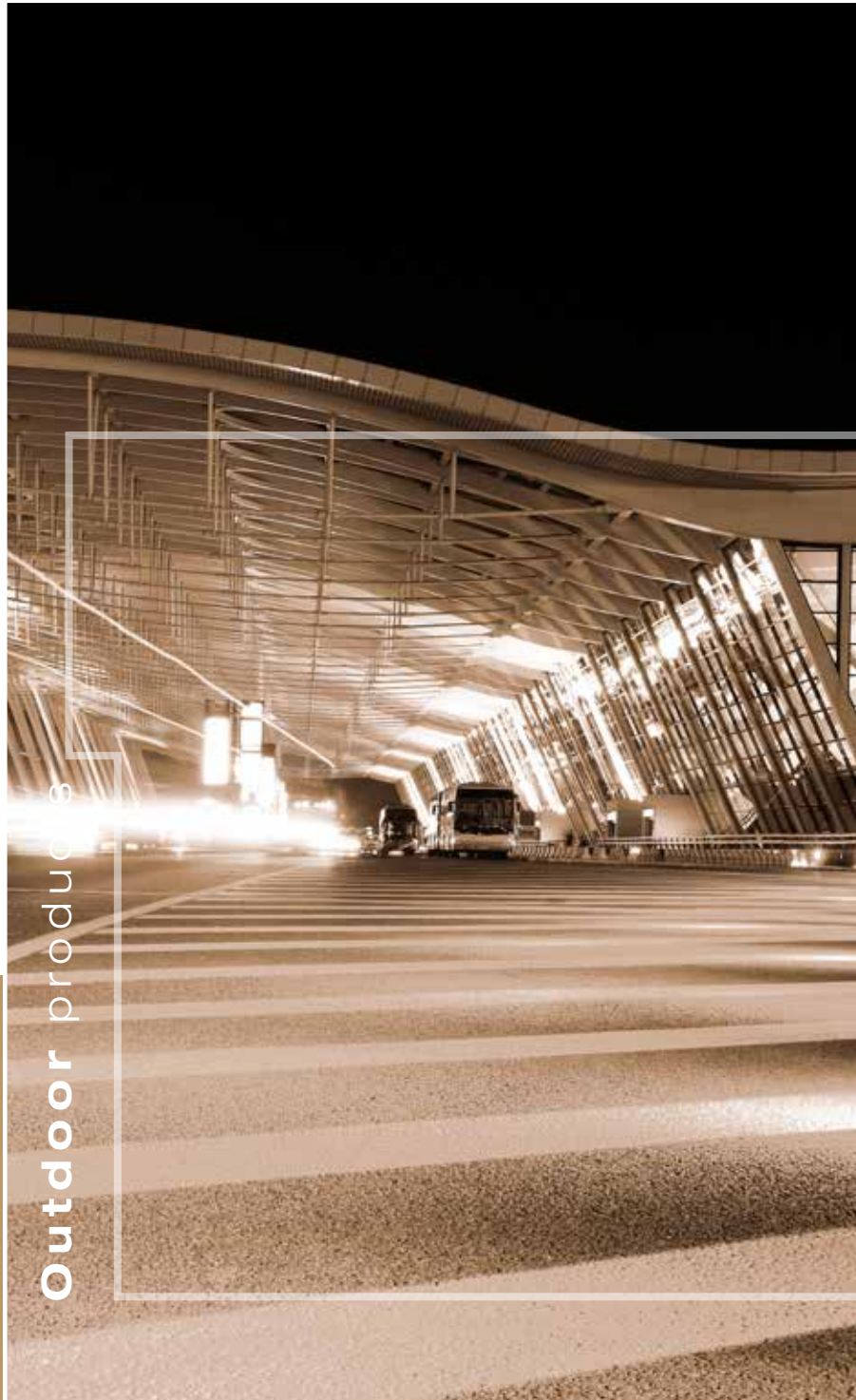
1035

Code: 412009



LED Linear Floodlights



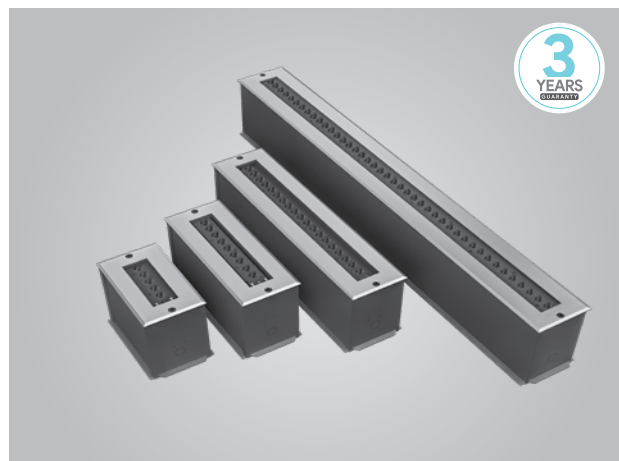


Outdoor LED in-Ground Lights

- Dual housing design for in-ground Application ranges.
- High luminous efficiency and long lifespan.
- Equipped with a standard constant current LED driver for maximum lifespan.
- Option for internal or external LED driver.
- Variety of colors, beam angles, and supply voltages.
- Easy installation with optional Through Wiring system.
- Suitable for use in very wet ground conditions.
- Features impact-resistant glass and corrosion-resistant housing.
- Suitable for installation in various environments such as soil and concrete.

Standards

IEC 60598-1	IEC 62384	INSO 5920-1	ISIRI 11721
IEC 60598-2-13	IEC 61000-3-2	INSO 5920-2-13	INSO 16075
IEC 62722-1	IESNA LM 80	INSO 14878-1	ISIRI 7260-3-2
IEC 62722-2-1	IEC 61347-1	INSO 20873-1	INSO 7644-1
IEC 62717	IEC 61347-2-13	INSO 20873-2-1	INSO 7644-2-13
IEC 62031		INSO 21006	



AZARIN 1

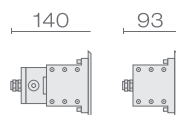
Electrical Characteristics				
Power(W)	5	9	16	36
Voltage type	AC / DC			
Led Module Type	Integrated			
Type of Control Equipment	Independent			
Mechanical Characteristics				
Length(cm)	20	30	50	100
Body Material	Aluminum diecast-extruded / Stainless steel frame			
Diffuser Material	Flat Tempered glass			
Body Coating	Electrostatic powder paint			
Weight(Kg)	1.75	2.9	4.6	8.9
General Characteristics				
Nominal ambient temperature(t _a) related to lamp performance(C°)	25			
Working Temperature Range(C°)	-20~+50			
Maximum Allowed Humiding(%)	95			
Rated Useful Life (L70B10)	70000			
Optical Characteristics				
Index (W)	5	9	16	36
Light Source	SMD LED			
Number Of Leds In The Module(PCS)	6	10	20	42
Nominal Power Of Led(W)	1.5			
Luminous Flux(Lm)	350~560	620~1000	2000~1300	2850~4500
Luminous Efficiency(Lm/W)	70~112	75~111	81~125	79~125
Color Temperature(K)	3000,4000,5000,6500			
Color Rendering Index	75			
Light Distribution Angle(Deg)	15,25,50,15x15x5,50x15x3,15x20x5			



9005

Code: 412013

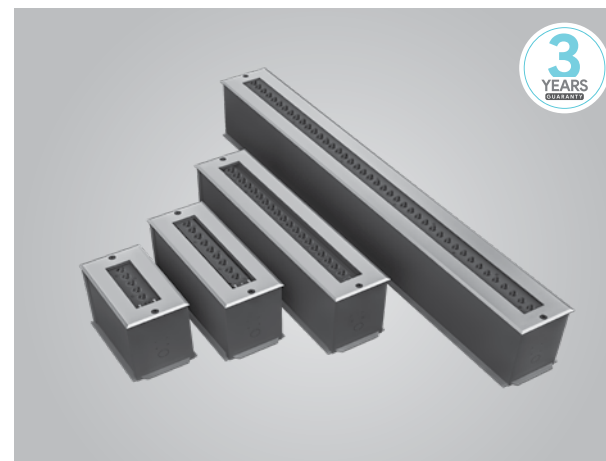
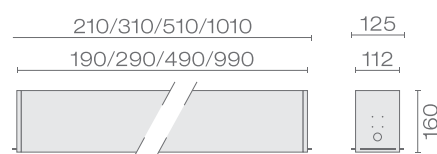
It is possible to provide light in the color temperatures of red, amber, blue, turquoise, green, and purple



Dimensions of the light:



Pot Dimensions:



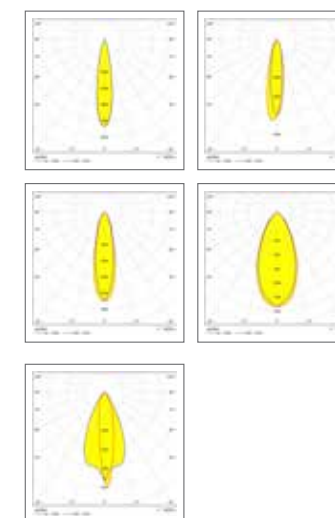
AZARIN 1 RGB

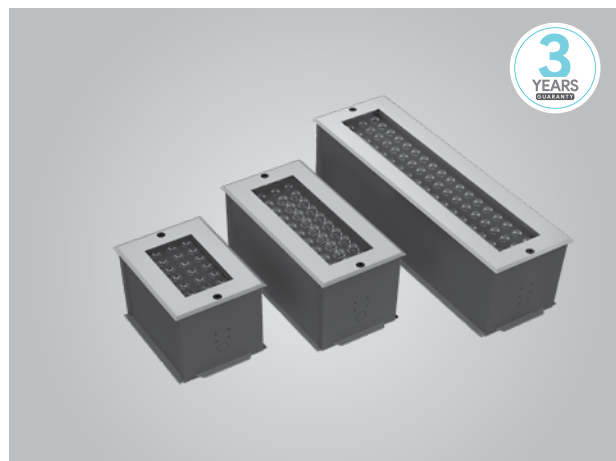
Electrical Characteristics			
Power(W)	12	25	50
Voltage type	DC		
Led Module Type	Integrated		
Type of Control Equipment	Independent		
Mechanical Characteristics			
Length(cm)	30	50	100
Body Material	Aluminum diecast-extruded / Stainless steel frame		
Diffuser Material	Flat Tempered glass		
Body Coating	Electrostatic powder paint		
Weight(Kg)	2.9	4.6	8.9
General Characteristics			
Nominal ambient temperature(tq) related to lamp performance(C°)	25		
Working Temperature Range(C°)	-20~+50		
Maximum Allowed Humiding(%)	95		
Rated Useful Life (L70B10)	70000		
Optical Characteristics			
Index (W)	12	25	50
Light Source	SMD LED		
Number Of Leds In The Module(PCS)	9	21	42
Nominal Power Of Led(W)	1.5		
Central wavelength(nm)	Red:630, Blue:450, Green:530		
Nominal Input Voltage(V-DC)	12	24	
Light Distribution Angle(Deg)	15,25,50,15x15x5,50x15x3		



9005

Code: 412013





AZARIN 2

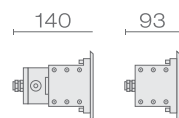
Electrical Characteristics			
Power(W)	22	33	55
Led Module Type	Integrated		
Type of Control Equipment	Independent		
Mechanical Characteristics			
Length(cm)	20	30	50
Body Material	Aluminum diecast-extruded / Stainless steel frame		
Diffuser Material	Flat Tempered glass		
Body Coating	Electrostatic powder paint		
Weight(Kg)	2.31	3.5	5.49
General Characteristics			
Nominal ambient temperature(tq) related to lamp performance(C°)	25		
Working Temperature Range(C°)	-20~+50		
Maximum Allowed Humiding(%)	95		
Rated Useful Life (L70B10)	70000		
Optical Characteristics			
Index (W)	22	33	55
Light Source	SMD LED		
Number Of Leds In The Module(PCS)	18	30	54
Nominal Power Of Led(W)	1.5		
Luminous Flux(Lm)	2200~1570	2520~3500	4200~5800
Luminous Efficiency(Lm/W)	71~100	76~106	76~105
Color Temperature(K)	3000,4000,5000,6500		
Color Rendering Index	75		
Light Distribution Angle(Deg)	15,25,50,15x15x5,50x15x3,15x20x5		



9005

Code: 412014

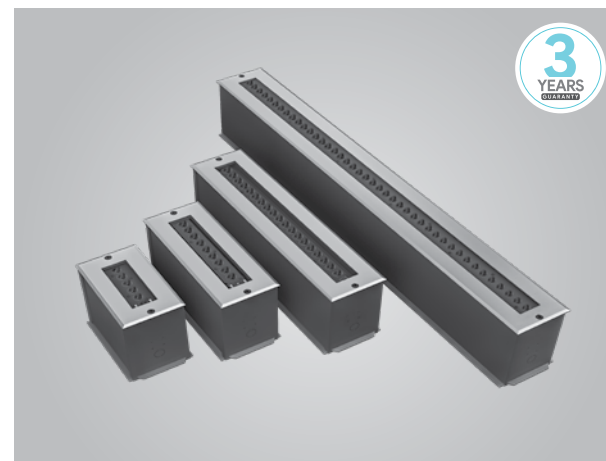
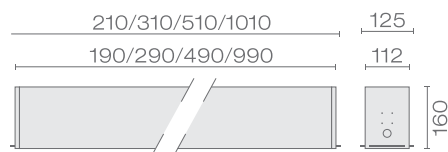
It is possible to provide light in the color temperatures of red, amber, blue, turquoise, green, and purple



Dimensions of the light:



Pot Dimensions:



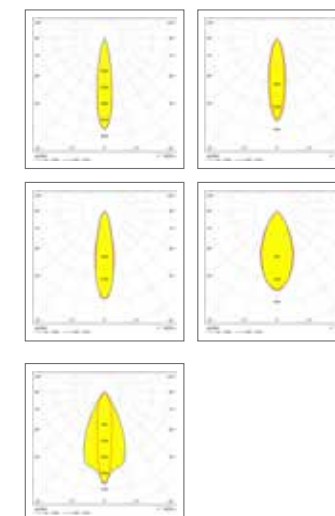
AZARIN 2 RGB

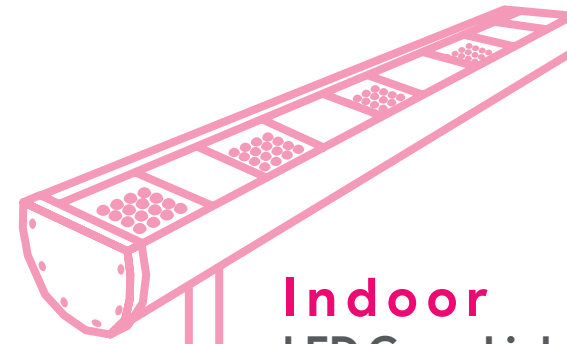
Electrical Characteristics			
Power(W)	25		50
Led Module Type	Integrated		
Type of Control Equipment	Independent		
Mechanical Characteristics			
Length(cm)	20	30	50
Body Material	Aluminum diecast-extruded / Stainless steel frame		
Diffuser Material	Flat Tempered glass		
Body Coating	Electrostatic powder paint		
Weight(Kg)	2.31	3.5	5.49
General Characteristics			
Nominal ambient temperature(tq) related to lamp performance(C°)	25		
Working Temperature Range(C°)	-20~+50		
Maximum Allowed Humiding(%)	95		
Rated Useful Life (L70B10)	70000		
Optical Characteristics			
Index (W)	25		50
Light Source	SMD LED		
Number Of Leds In The Module(PCS)	18	21	42
Nominal Power Of Led(W)	1.5		
Central wavelength(nm)	Red:630, Blue:450, Green:530		
Nominal Input Voltage(V-DC)	24		
Light Distribution Angle(Deg)	15,25,50,15x15x5,50x15x3,15x20x5		



9005

Code: 412014

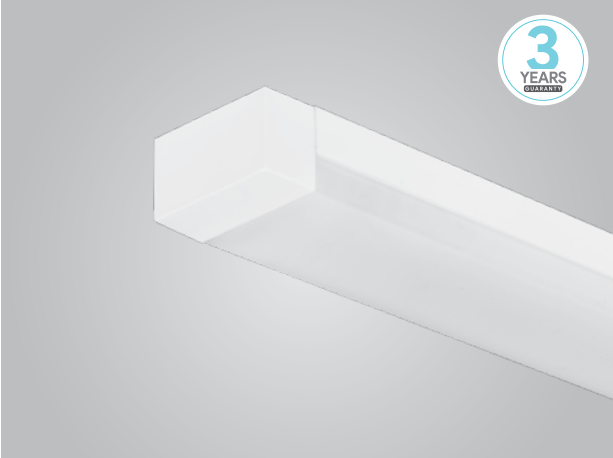




Indoor LED Grow Light

- Specially designed for plant growth Application ranges in various greenhouse environments.
- Easy installation with Through Wiring system.
- High protection class and impact resistance for greenhouse Application ranges.
- Features an optimized light spectrum that promotes both vegetative and reproductive growth.
- Enhances the quantity and quality of greenhouse products.

Standards	
INSO 5920-1	Lights-Part1:General requirements and tests
INSO 5920-2-3	lights-Part2-3:Special regulations-Street and Road lights
INSO 20873-1	Light Performance-General requirements
INSO 20873-2-1	Light Performance-Part:1-2:special requirements nfor LED lights
INSO 16075	Electrical control equipment with AC or DC power supply for LED modules-performance requirements
INSO 7644-2-13	Control accessories for lamps-Part:2-13:special requirements for electrical control equipment with AC or DC power supply for LED modules
IES LM - 80	Measuring Luminous Flux & Color Maintenance of LED Packages, Arrays & Modules

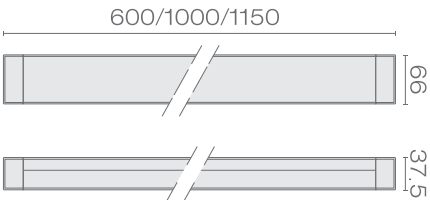


TIANA bio

Electrical Characteristics			
Power(W)	30		60
Led Module Type	Integrated		
Type of Control Equipment	Integrated module and ballast		
Mechanical Characteristics			
Body Material	Extruded aluminum		
Diffuser Material	Poly carbonate		
Body Coating	Electrostatic powder paint		
Weight(Kg)	0.55	0.85	1
General Characteristics			
Nominal ambient temperature(tq) related to lamp performance(C°)	25		
Working Temperature Range(C°)	-20~+45		
Maximum Allowed Humiding(%)	90		
Rated Useful Life (L70B10)	70000		
Optical Characteristics			
Index (W)	30		60
Light Source	SMD LED		
Number Of Leds In The Module(PCS)	Red:85 blue:30	Red:75 blue:37	Red:170 blue:60
Nominal Power Of Led(W)	1		
Central wavelength(nm)	Red:630 , Blue:450		



Code: 412527

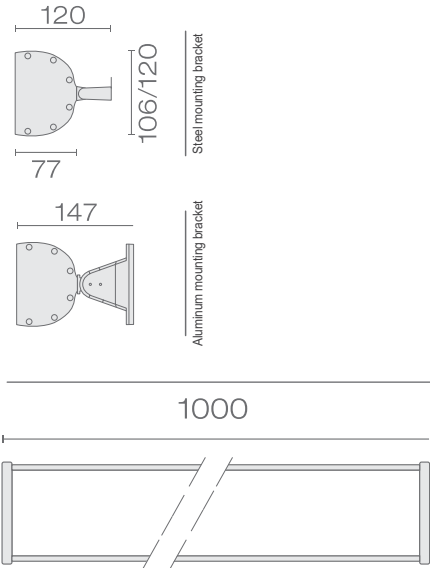


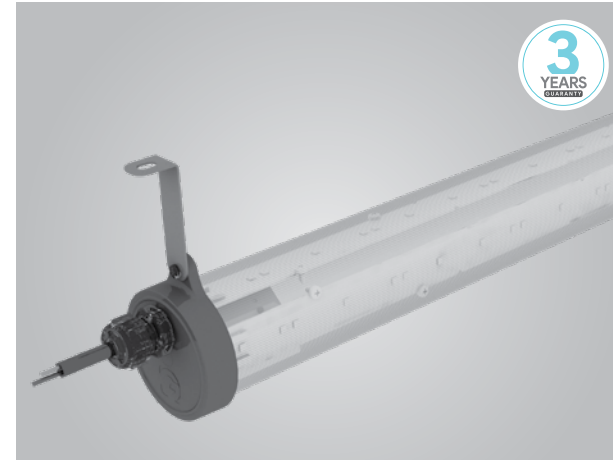
AZARAKHSH 2 bio

Electrical Characteristics	
Power(W)	100
Led Module Type	Integrated
Type of Control Equipment	Independent
Mechanical Characteristics	
Body Material	Extruded aluminum
Diffuser Material	Flat Tempered glass
Body Coating	Anodized plating
Weight(Kg)	5.3
General Characteristics	
Nominal ambient temperature(tq) related to lamp performance(C°)	25
Working Temperature Range(C°)	-20~+45
Maximum Allowed Humiding(%)	95
Rated Useful Life (L70B10)	70000
Optical Characteristics	
Index (W)	100
Light Source	SMD LED
Number Of Leds In The Module(PCS)	Red 630:110 , Blue 450:30 , Red 730:20
Nominal Power Of Led(W)	1
Central wavelength(nm)	Red: 630 , Blue: 450 , Red: 730



Code: 412004

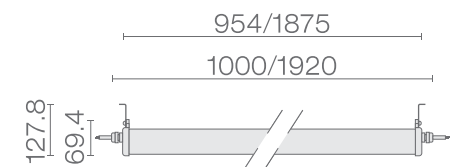




SATIN /BIO

Code: 411412

Electrical Characteristics		
Power(W)	17	32
Led Module Type	Integrated	
Type of Control Equipment	Independent	
Mechanical Characteristics		
Body Material	Poly carbonate	
Diffuser Material	Poly carbonate	
Length(cm)	100	192
Weight(Kg)	0.65	1.1
General Characteristics		
Nominal ambient temperature(tq) related to lamp performance(C°)	25	
Working Temperature Range(C°)	-20~+50	
Maximum Allowed Humiding(%)	95	
Rated Useful Life (L70B10)	70000	
Optical Characteristics		
Index (W)	17	32
Light Source	SMD LED	
Number Of Leds In The Module(PCS)	Red:28 blue:8 Farred:4	Red:56 blue:16 Farred:8
Nominal Power Of Led(W)	1	
Luminous Flux(Lm)	Red: 70%@660 , Blue: 20%@450 Farred:10%@730	
Central wavelength(nm)	5	
Light Distribution Angle(Deg)	105×180	





Poles Steel Structures

- Capability to produce single-piece multi-faceted components up to 14 meters in height.
- Capability to produce single-seam multi-faceted components with a maximum diameter of 500 millimeters.
- Option to install a mechanical lock to prevent the fall of the movable basket.
- Possibility to design and manufacture lighting towers for special or multipurpose Application ranges.

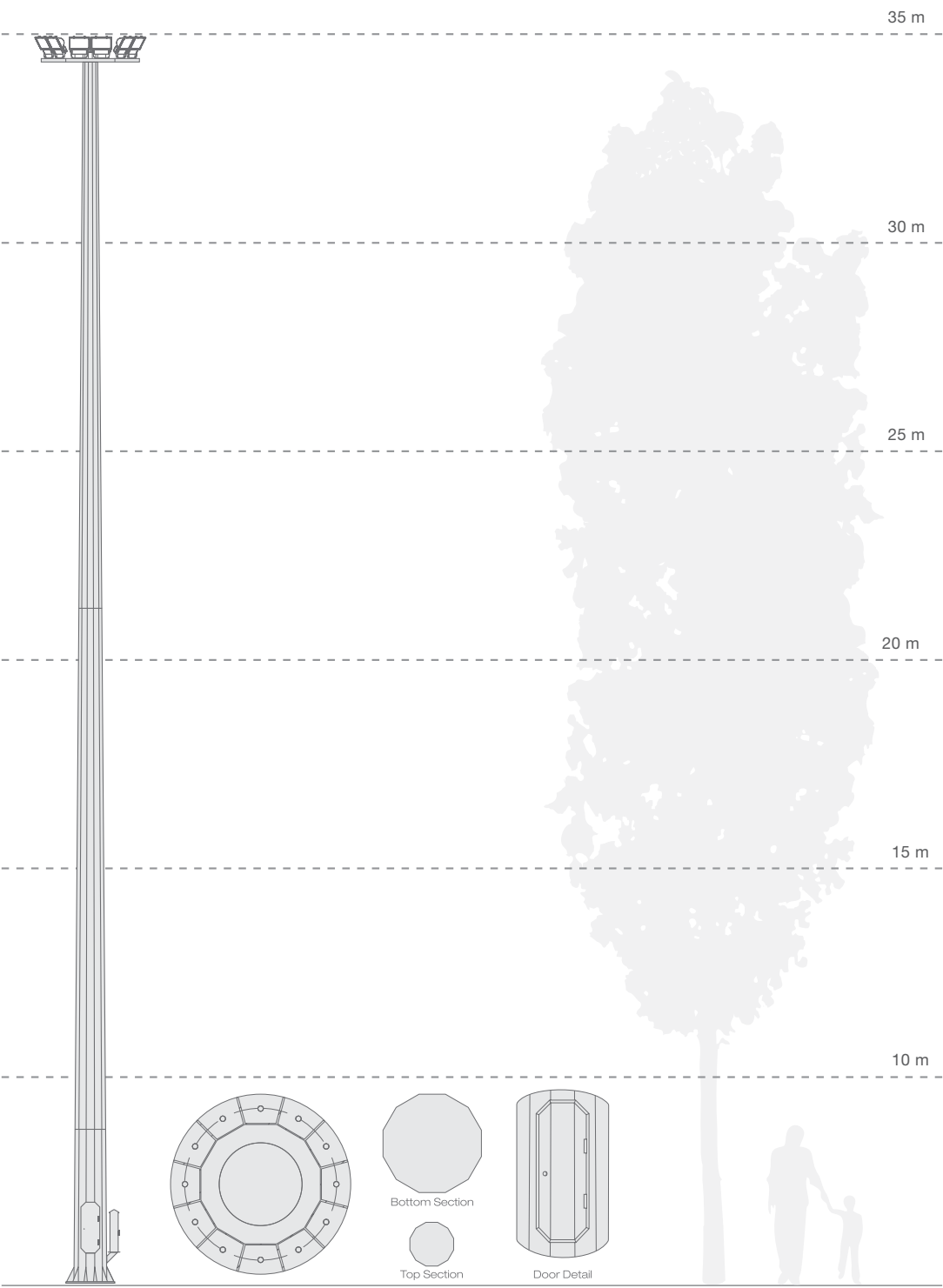
Standards
DIN 17100
EN 440 - DIN 8559 - AWS/ASM
ASCE 7-16, UBC 97, AASHTO, BS 5649 ASTM A36
Chapters of National Building Regulations
ASTM A123/A123M, ASTM A153/A153M
EN 40-1
EN40-2
AWS D1-1

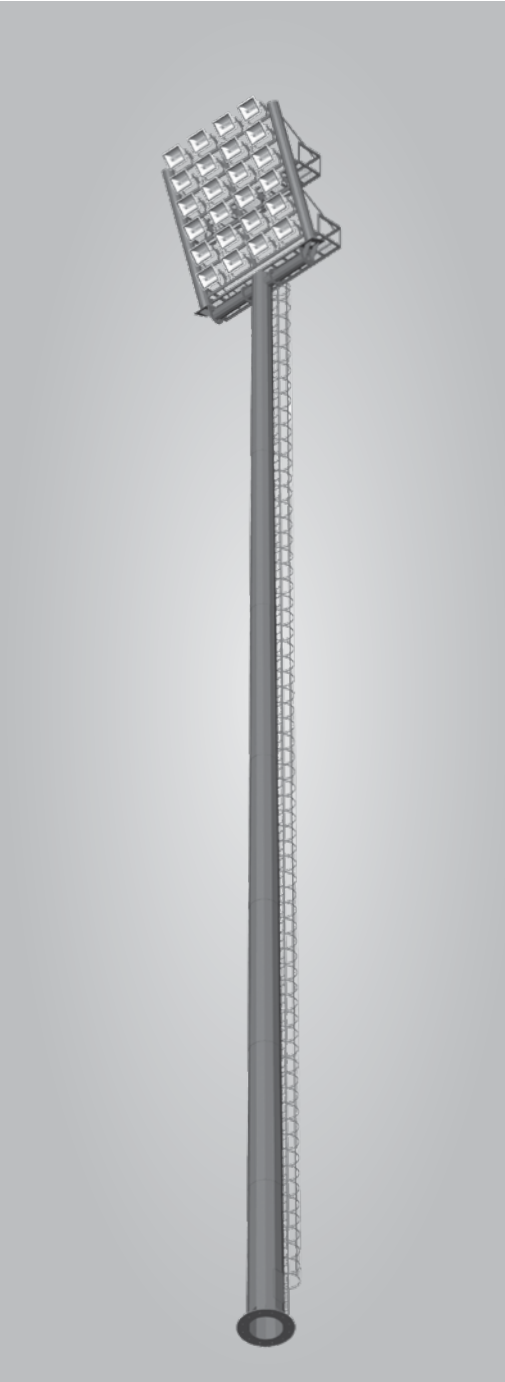


LIGHTING TOWER (Mobile basket)



Technical specifications	
Stand Height(m)	9 - 35
shaft	1,2,3,4,5,6,7
Thickness (mm)	3,4,5,6,8
Type of coating	Hot-dip galvanized
Design Based Wind Velocity(Km/h)	120,168,198
Application range	Large Areas

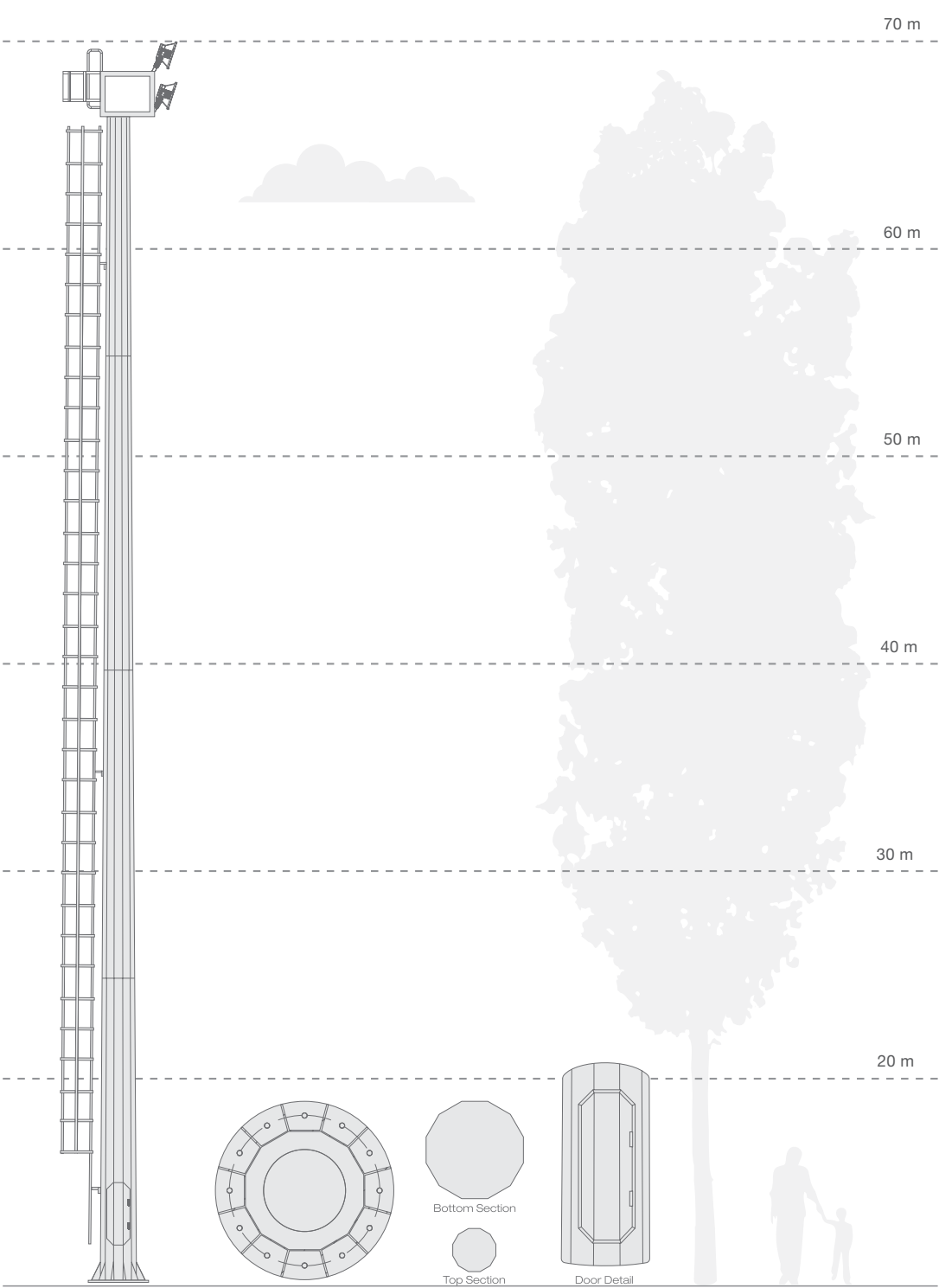




LIGHTING TOWER (FIXED BASKET)



Technical specifications	
Stand Height(m)	9 - 70
shaft	1,2,3,4,5,6,7,8,9
Thickness (mm)	3,4,5,6,8,10,12
Type of coating	hot dip galvanized, paint
Design Based Wind Velocity(Km/h)	120,168,198
Application range	Large Areas



LIGHTING TOWER (FIXED BASKET)

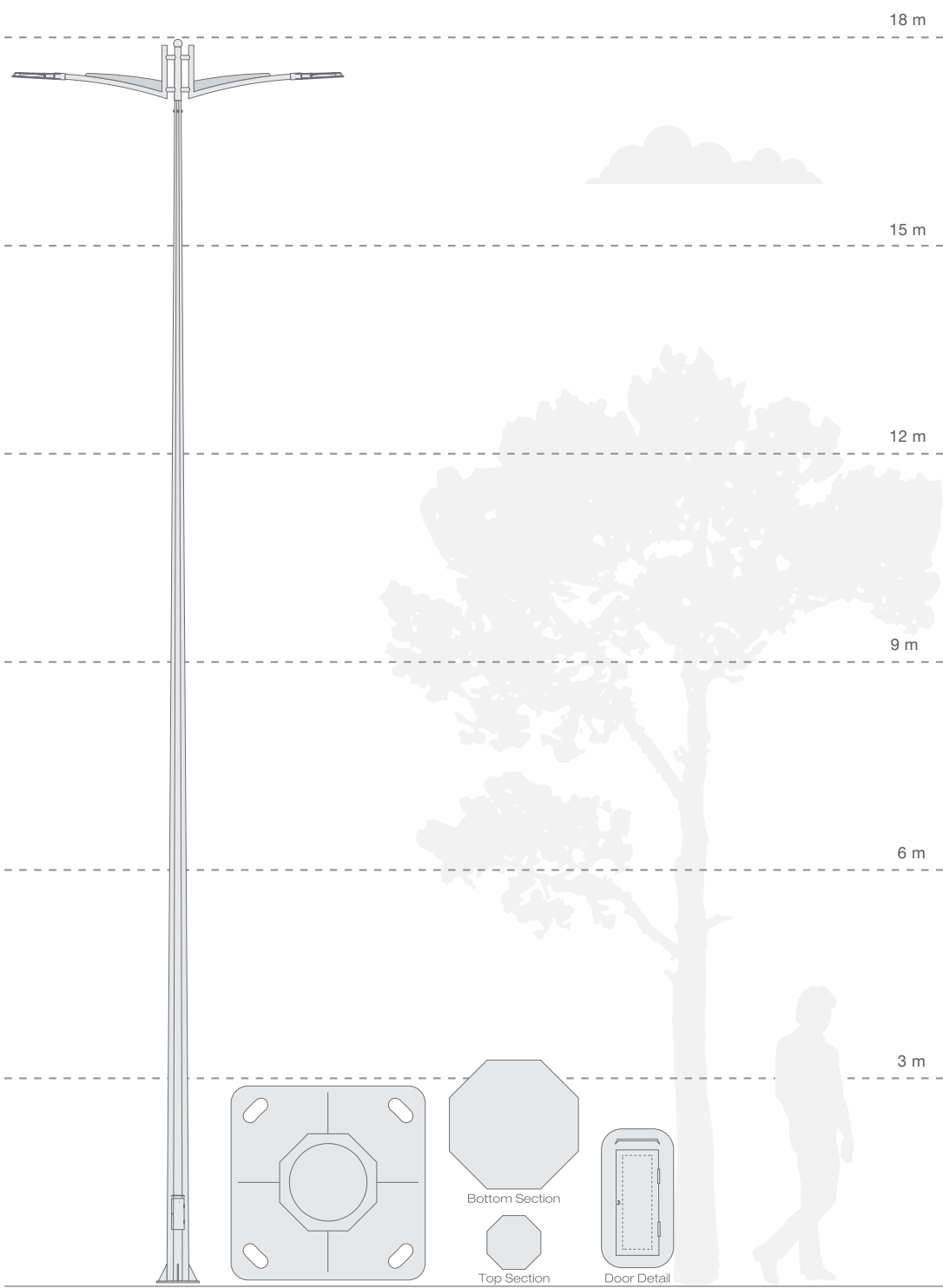




POLYGONAL POLE



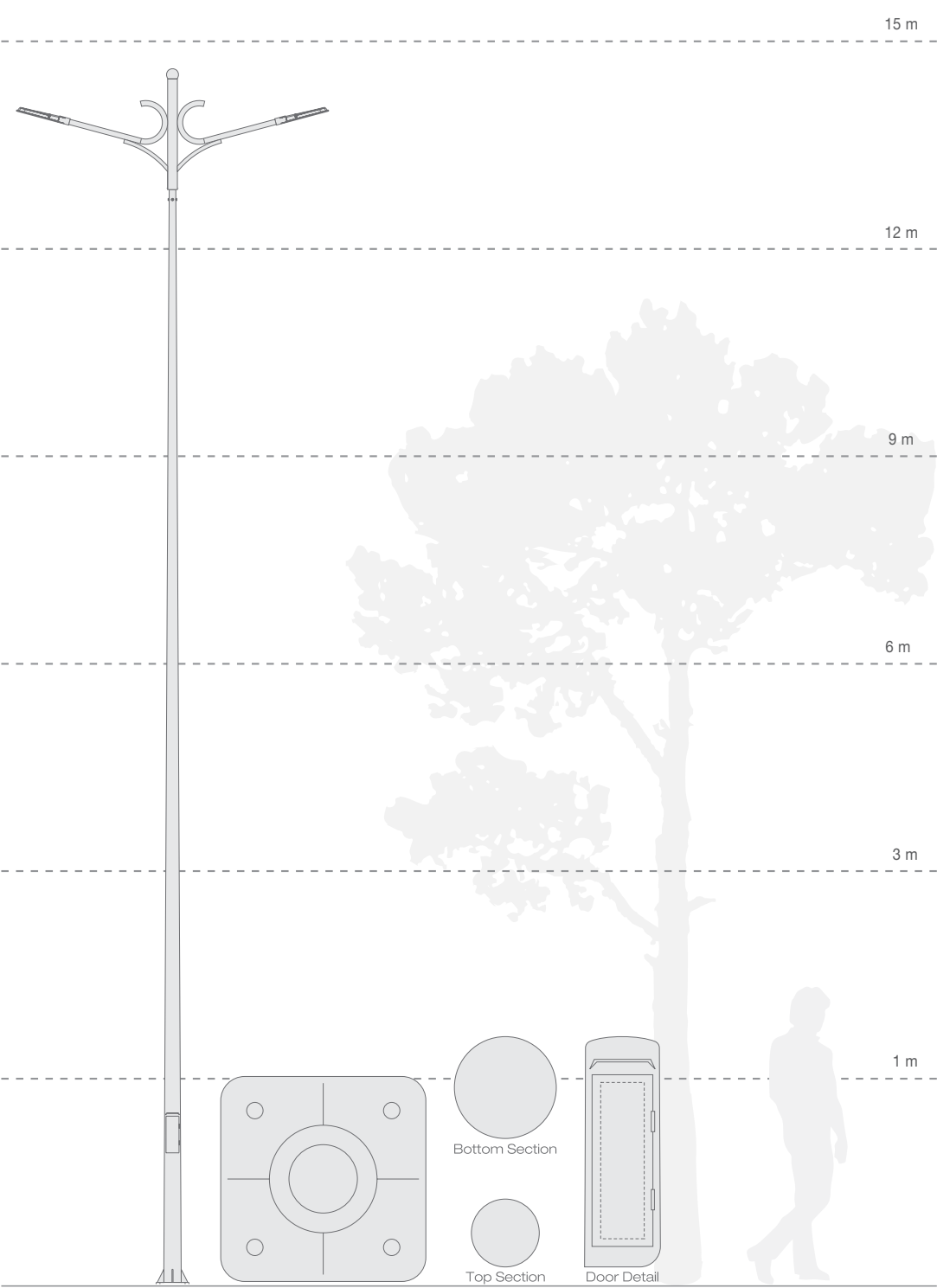
Technical specifications		
Stand Height(m)	8 - 18	3 - 14
shaft	2,3	1
Thickness (mm)	3,4,5,6	
Type of coating	Hot-dip galvanized	
Design Based Wind Velocity(Km/h)	120,168,198	
Application range	Sports halls, parks, flagpole installation, infrastructure	





CONICAL POLE

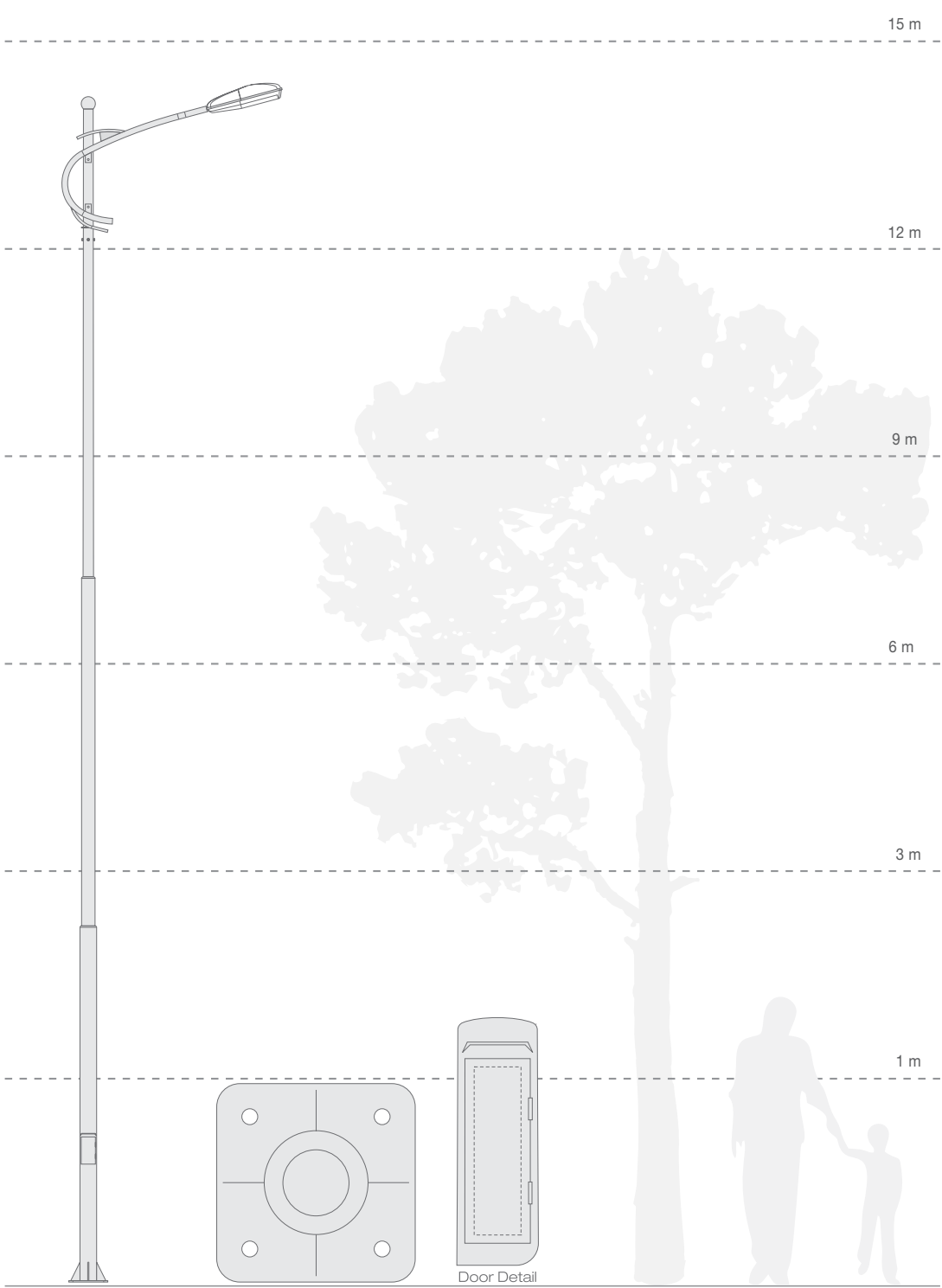
Technical specifications	
Stand Height(m)	3 - 14
shaft	1
Thickness (mm)	3,4
Type of coating	hot dip galvanized, paint
Design Based Wind Velocity(Km/h)	120,168,198
Application range	Sports halls, parks, flagpole installation, infrastructure





PIPE POLE

Technical specifications	
Stand Height(m)	3 - 14
shaft	1,2,3,4
Thickness (mm)	3,4,5
Type of coating	hot dip galvanized, paint
Design Based Wind Velocity(Km/h)	120,168,198
Application range	Sports halls, parks, flagpole installation, infrastructure

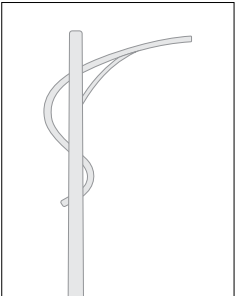




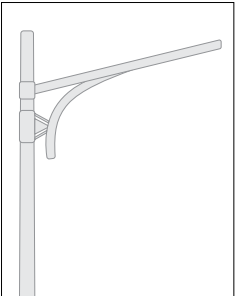
ARM BRACKETS

Poles

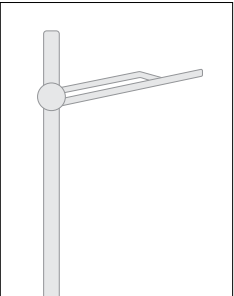
Golnoor



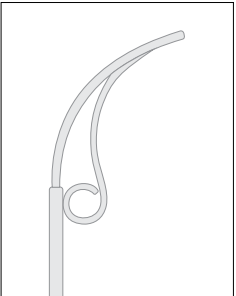
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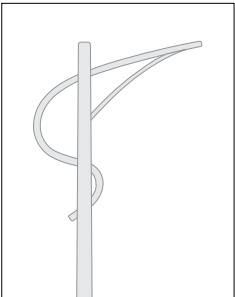
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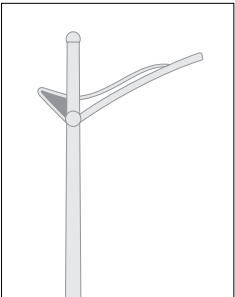
G-B-1-002



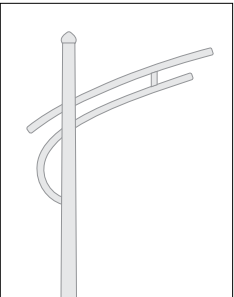
G-B001-1-



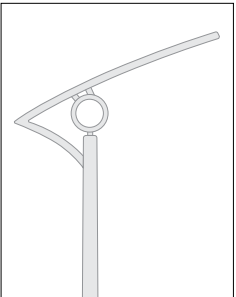
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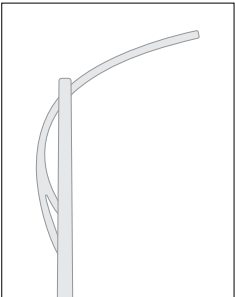
G-B-1-007



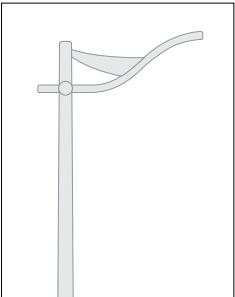
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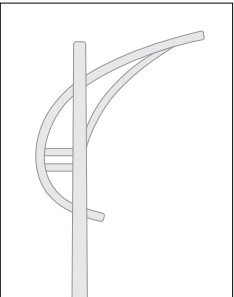
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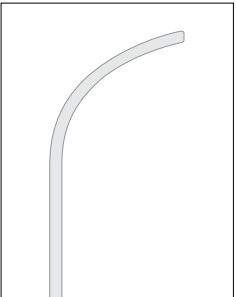
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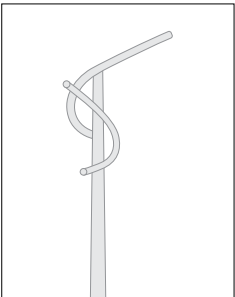
G-B-1-011



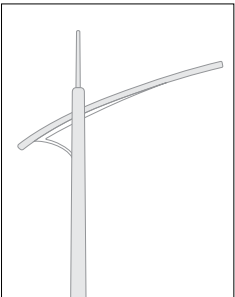
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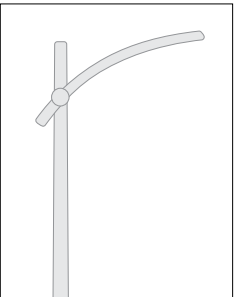
G-B-1-009



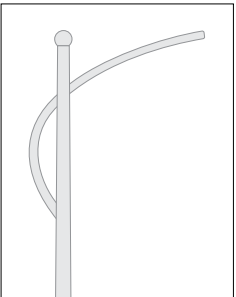
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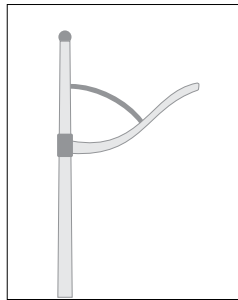
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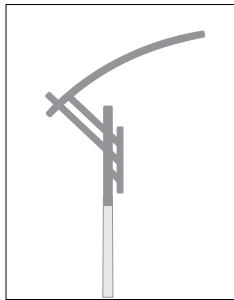
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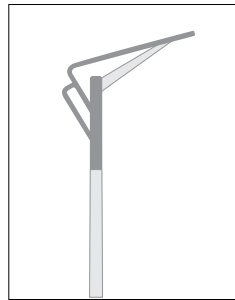
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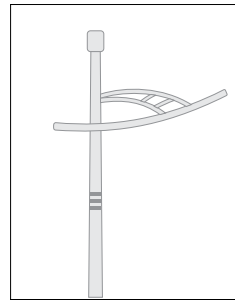
G-B-1-020



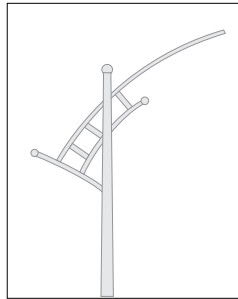
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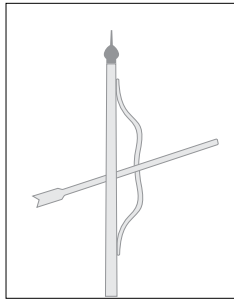
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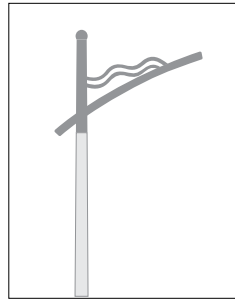
G-B-1-017



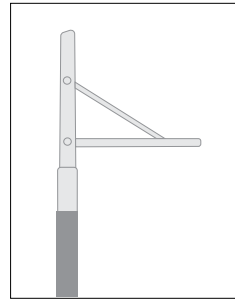
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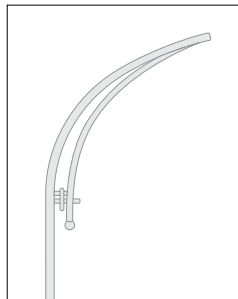
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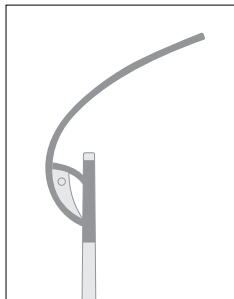
G-B-1-022



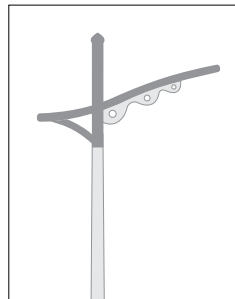
G-B-1-021



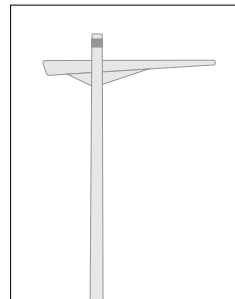
G-B-1-028



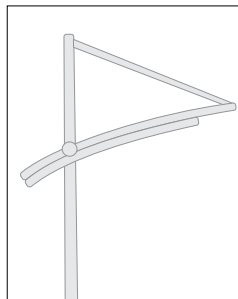
G-B-1-027



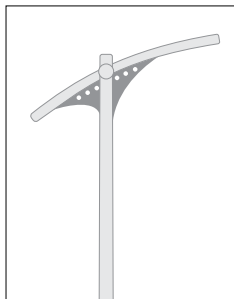
G-B-1-026



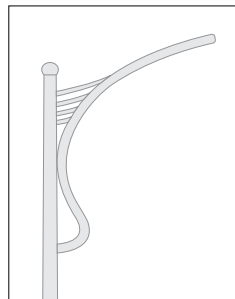
G-B-1-025



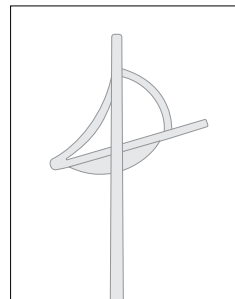
G-B-1-032



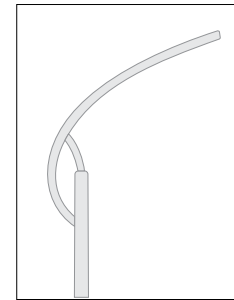
G-B-1-031



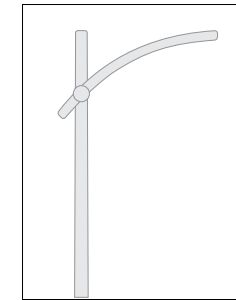
G-B-1-030



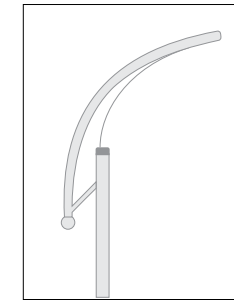
G-B-1-029



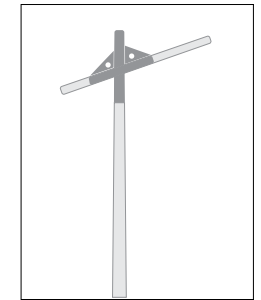
G-B-1-036



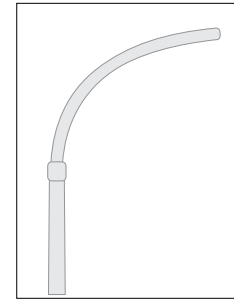
G-B-1-035



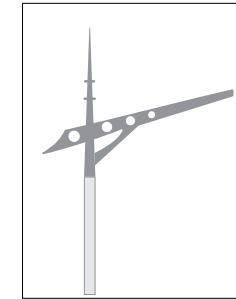
G-B-1-034



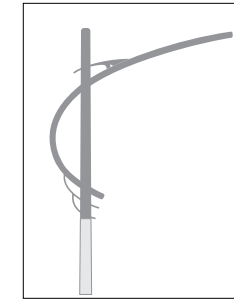
G-B-1-033



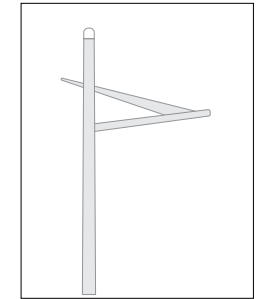
G-B-1-040



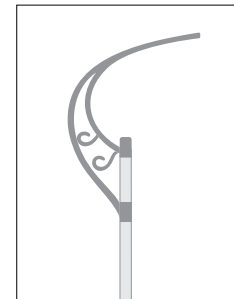
G-B-1-039



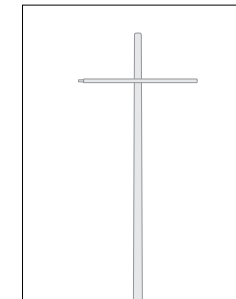
G-B-1-038



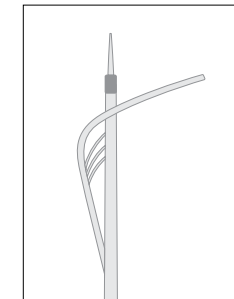
G-B-1-037



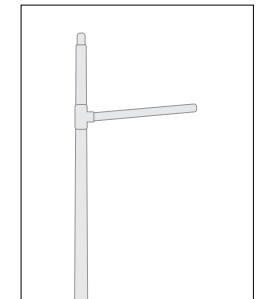
G-B-1-044



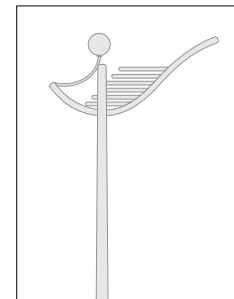
G-B-1-043



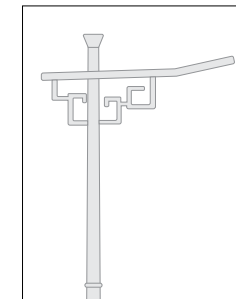
G-B-1-042



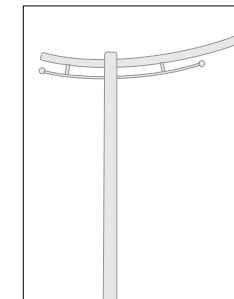
G-B-1-041



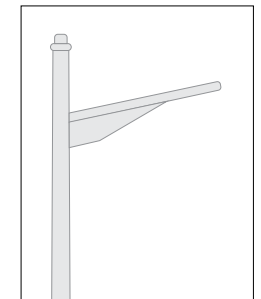
G-B-1-049



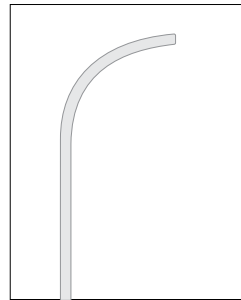
G-B-1-048



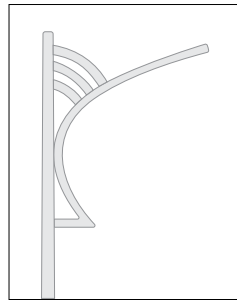
G-B-1-047



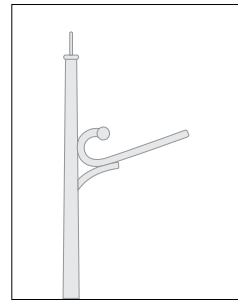
G-B-1-045



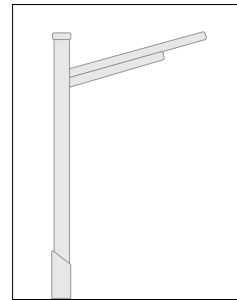
G-B-1-053



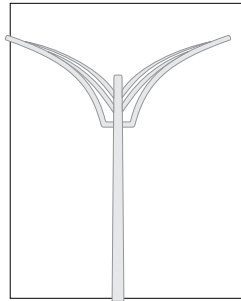
G-B-1-052



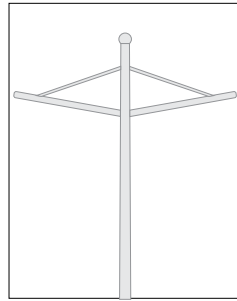
G-B-1-051



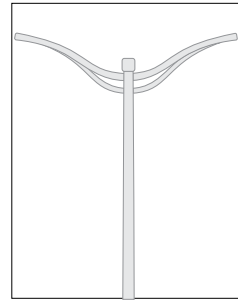
G-B-1-050



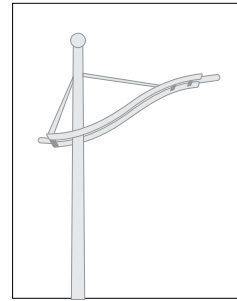
G-B-2-003



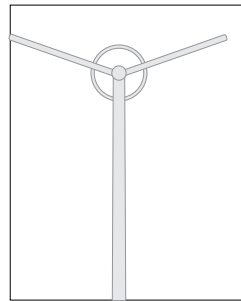
G-B-2-002



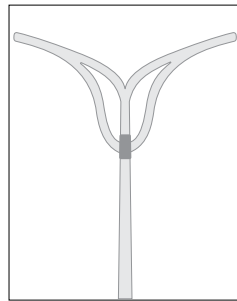
G-B-2-001



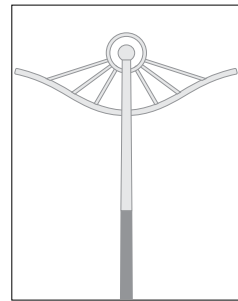
G-B-1-054



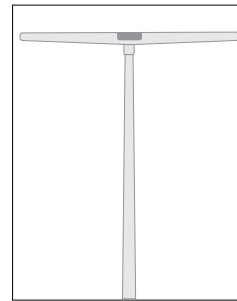
G-B-2-008



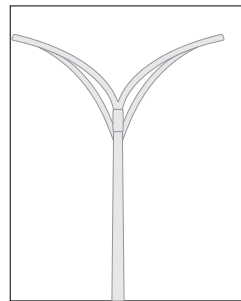
G-B-2-007



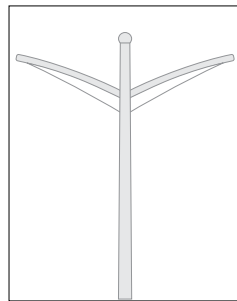
G-B-2-005



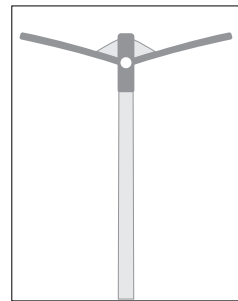
G-B-2-004



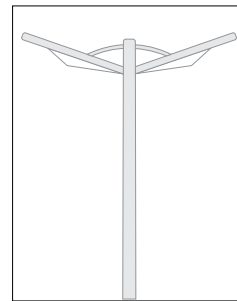
G-B-2-012



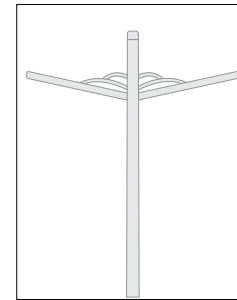
G-B-2-011



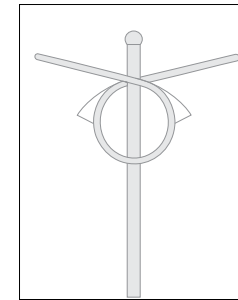
G-B-2-010



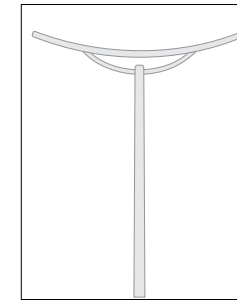
G-B-2-009



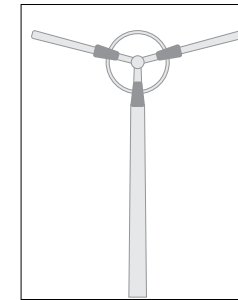
G-B-2-016



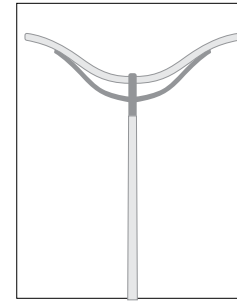
G-B-2-015



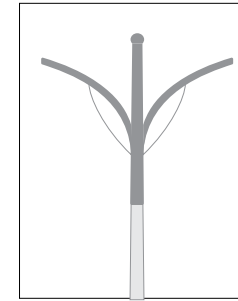
G-B-2-014



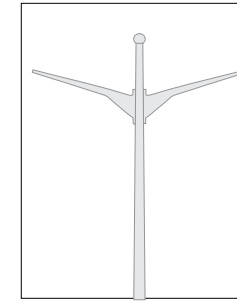
G-B-2-013



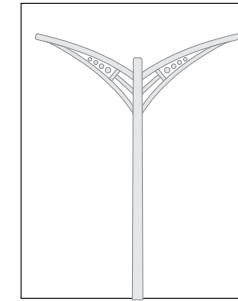
G-B-2-020



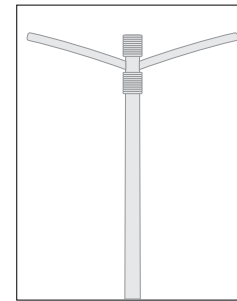
G-B-2-019



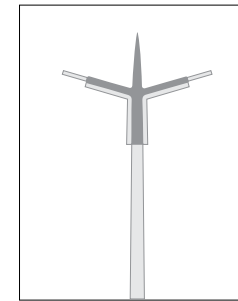
G-B-2-018



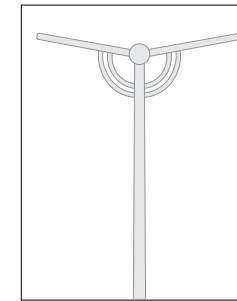
G-B-2-017



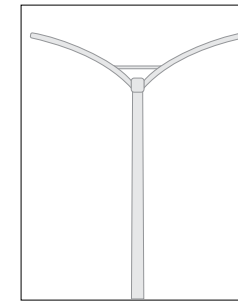
G-B-2-024



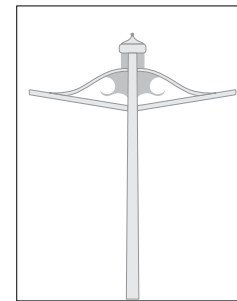
G-B-2-023



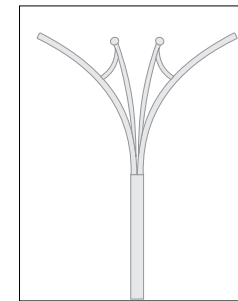
G-B-2-022



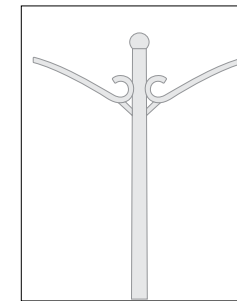
G-B-2-021



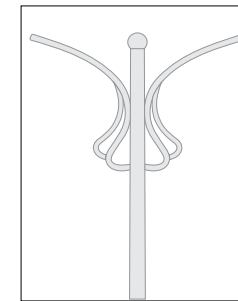
G-B-2-028



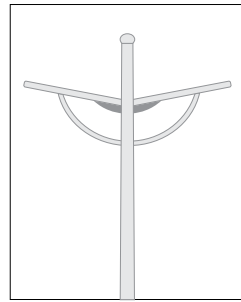
G-B-2-027



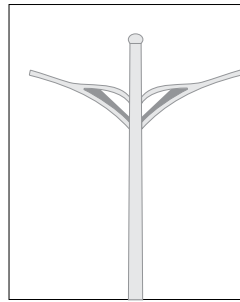
G-B-2-026



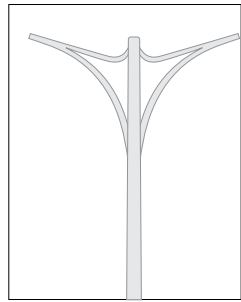
G-B-2-025



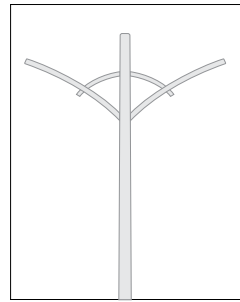
G-B-2-032



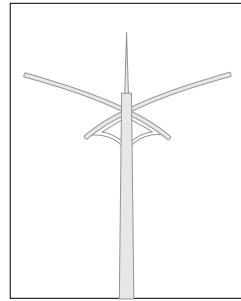
G-B-2-031



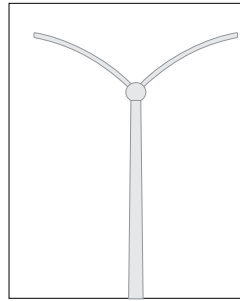
G-B-2-030



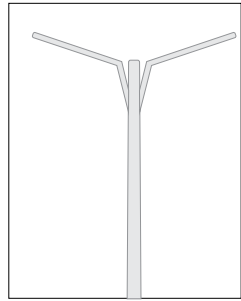
G-B-2-029



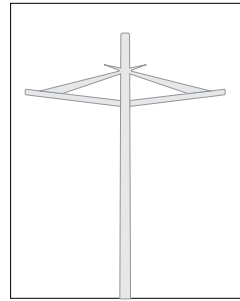
G-B-2-036



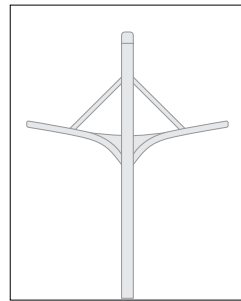
G-B-2-035



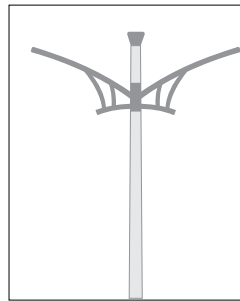
G-B-2-034



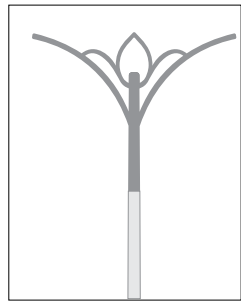
G-B-2-033



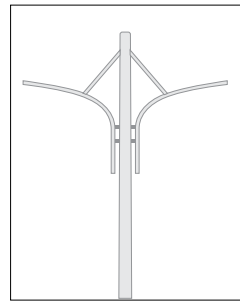
G-B-2-040



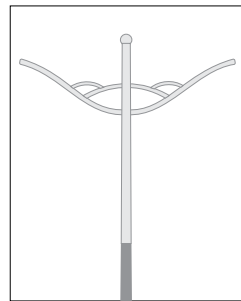
G-B-2-039



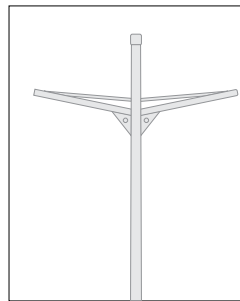
G-B-2-038



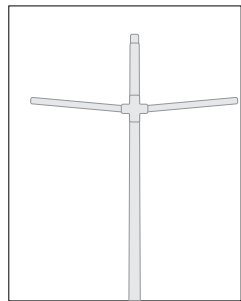
G-B-2-037



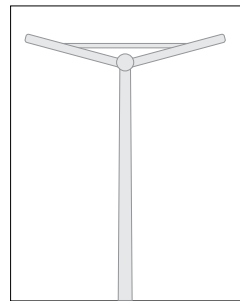
G-B-2-044



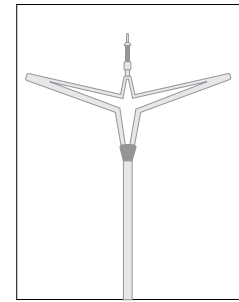
G-B-2-043



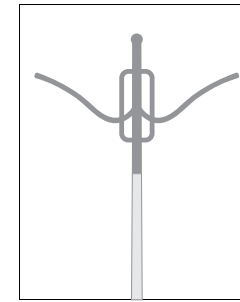
G-B-2-042



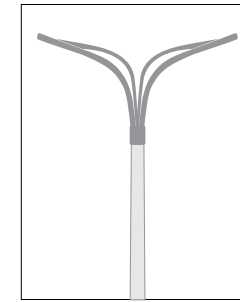
G-B-2-041



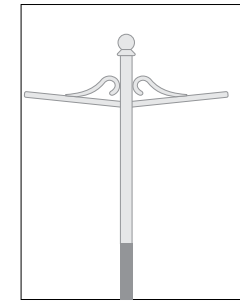
G-B-2-049



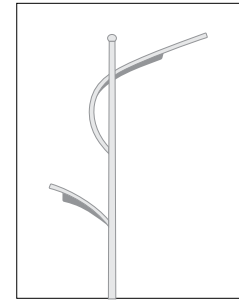
G-B-2-047



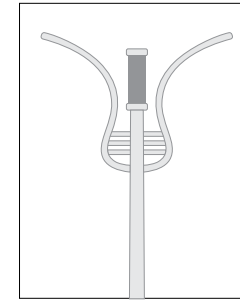
G-B-2-046



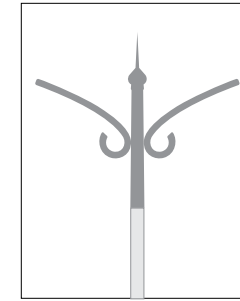
G-B-2-045



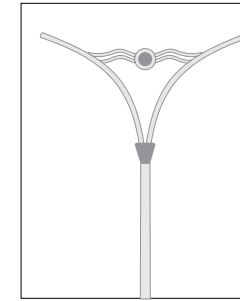
G-B-3-001



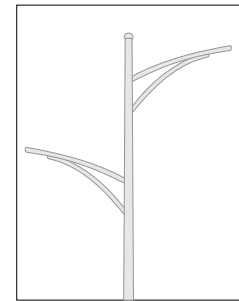
G-B-2-053



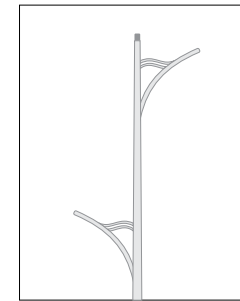
G-B-2-052



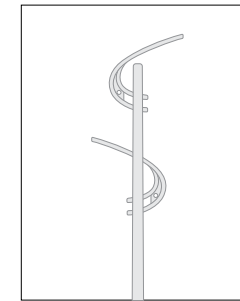
G-B-2-051



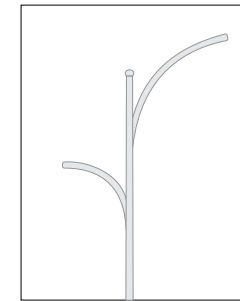
G-B-3-007



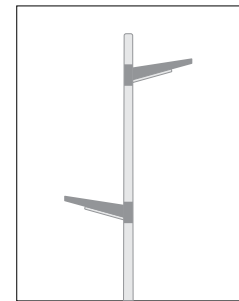
G-B-3-005



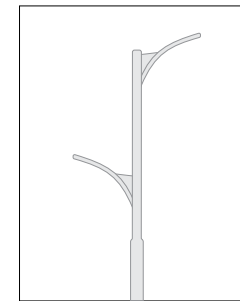
G-B-3-004



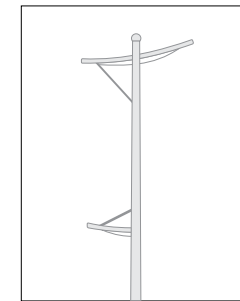
G-B-3-002



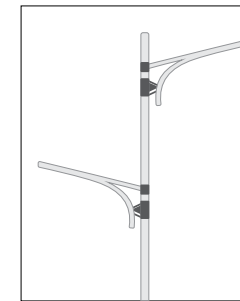
G-B-3-011



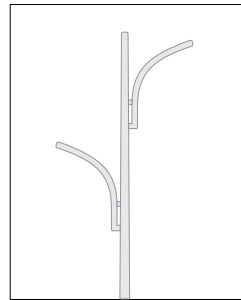
G-B-3-010



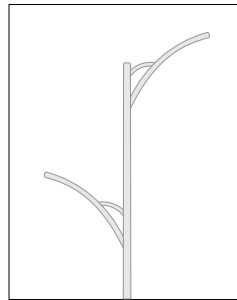
G-B-3-009



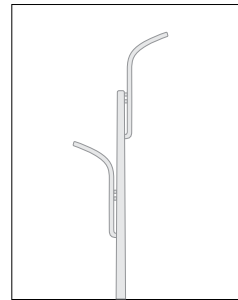
G-B-3-008



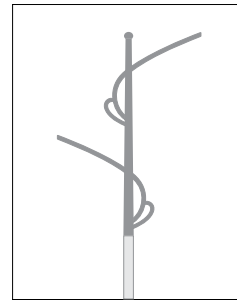
G-B-3-015



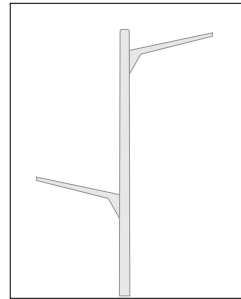
G-B-3-014



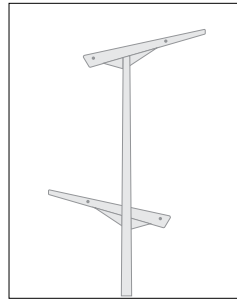
G-B-3-013



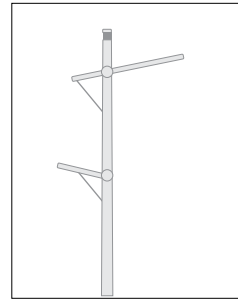
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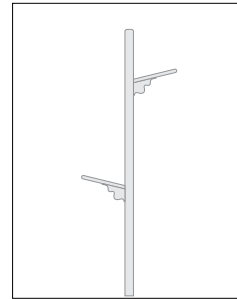
G-B-3-020



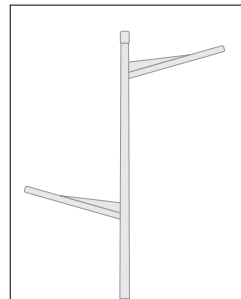
G-B-3-019



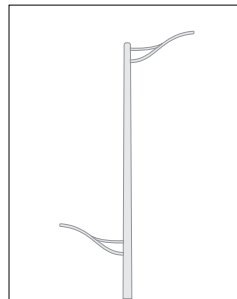
G-B-3-018



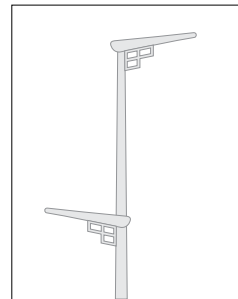
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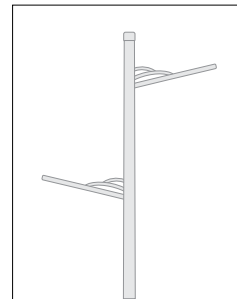
G-B-3-024



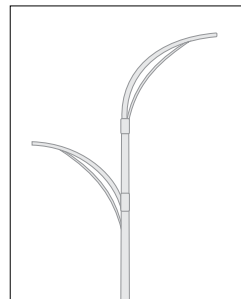
G-B-3-023



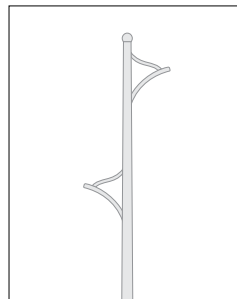
G-B-3-022



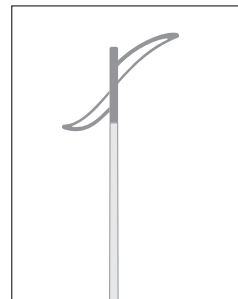
G-B-3-021



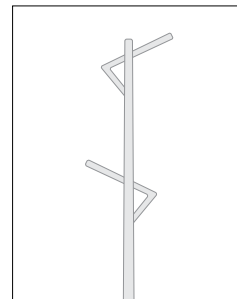
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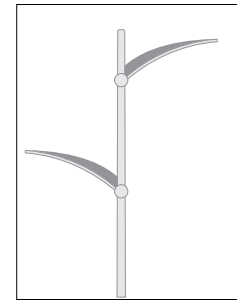
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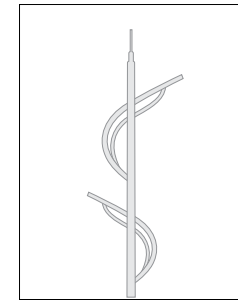
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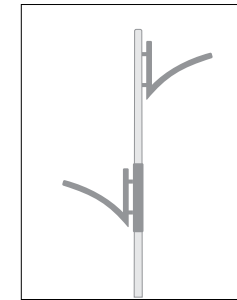
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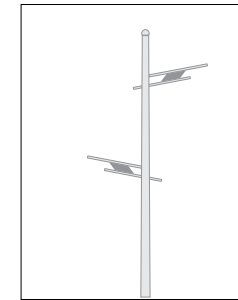
G-B-3-033



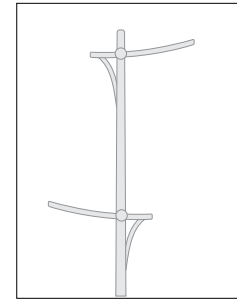
G-B-3-032



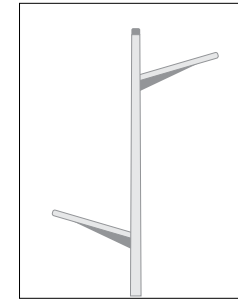
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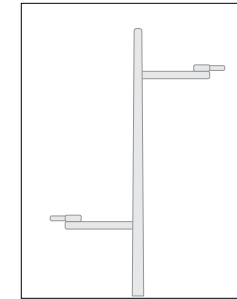
G-B-3-030



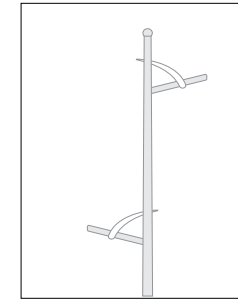
G-B-3-038



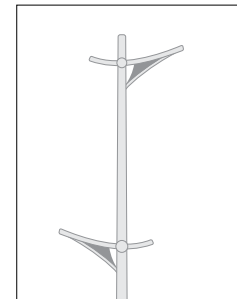
G-B-3-037



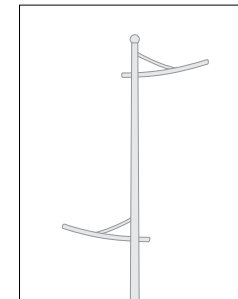
G-B-3-036



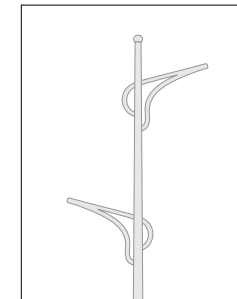
G-B-3-034



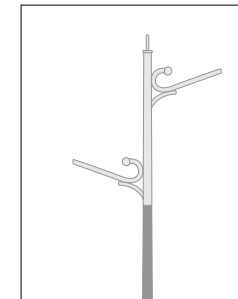
G-B-3-042



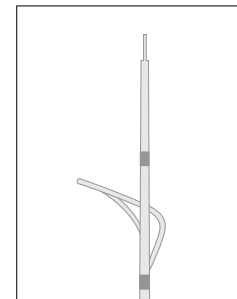
G-B-3-041



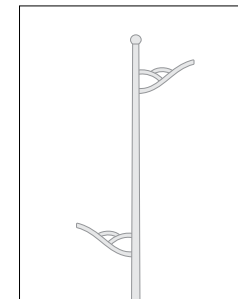
G-B-3-040



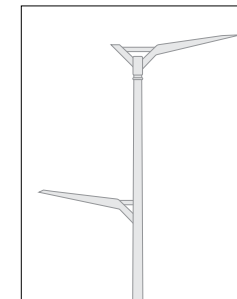
G-B-3-039



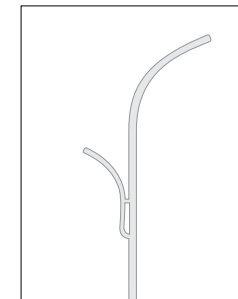
G-B-3-047



G-B-3-046



G-B-3-044



G-B-3-043

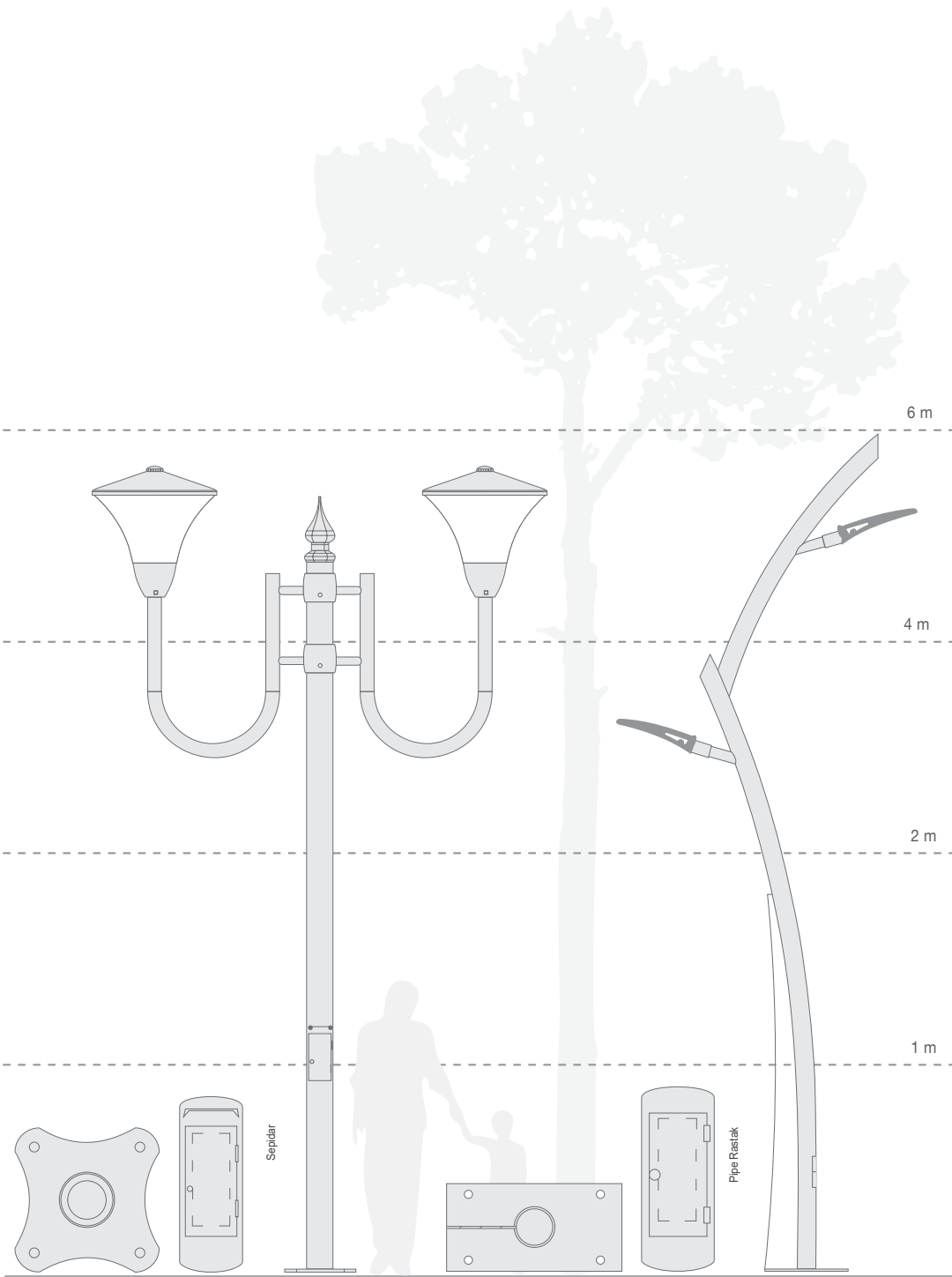
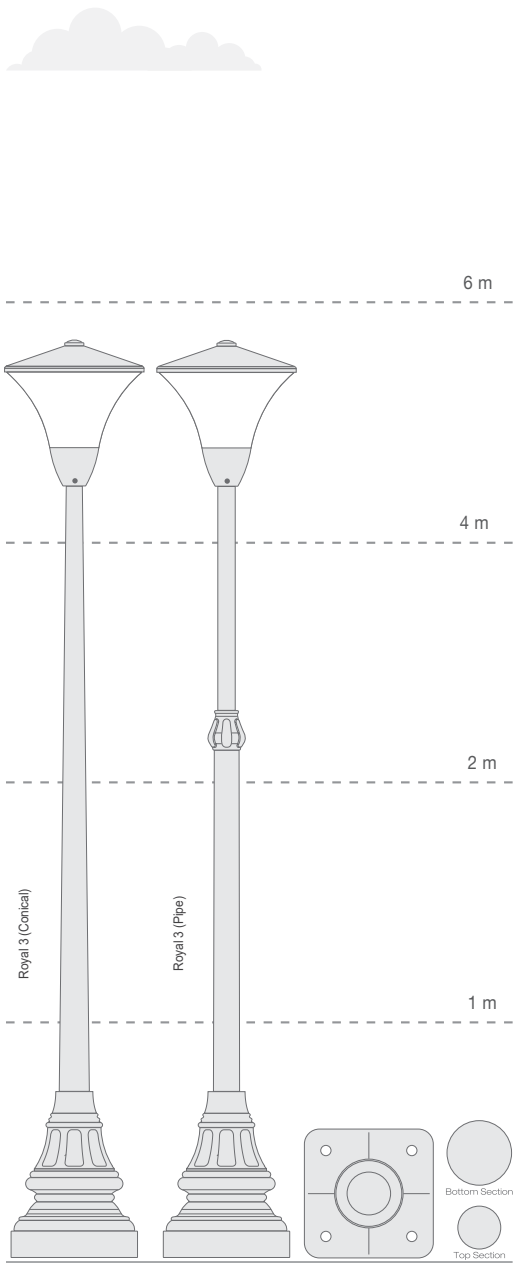
Decorative Poles

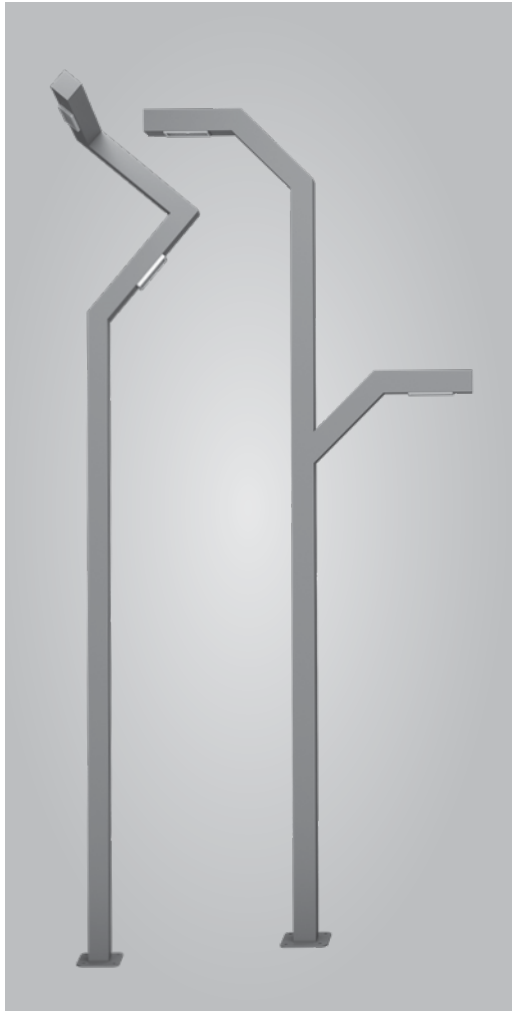




DECORATIVE POLE

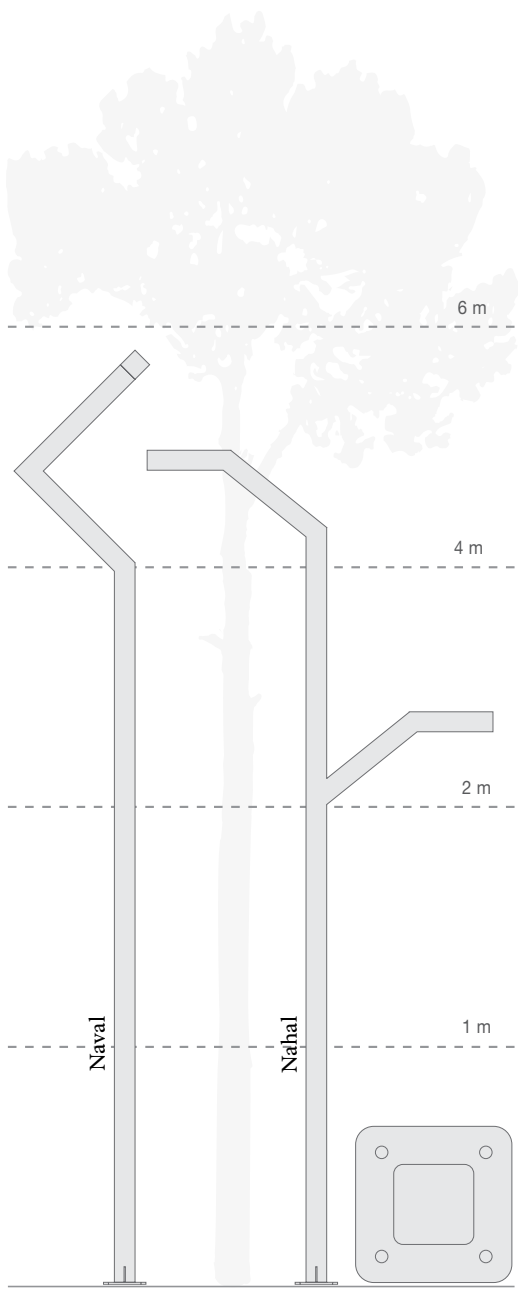
Technical specifications	
Stand Height(m)	3 - 6
shaft	1,2,3
Thickness (mm)	3,4,5
Type of coating	hot dip galvanized, paint
Design Based Wind Velocity(Km/h)	120,168,198
Application range	streets, parks, and special areas such as tourist attractions





DECORATIVE URBAN LIGHTING POLE

Technical specifications	
Stand Height(m)	3 - 6
shaft	1,2
Thickness (mm)	3,4
Type of coating	hot dip galvanized, paint
Design Based Wind Velocity(Km/h)	120,168,198
Application range	streets, parks, and special areas such as tourist attractions



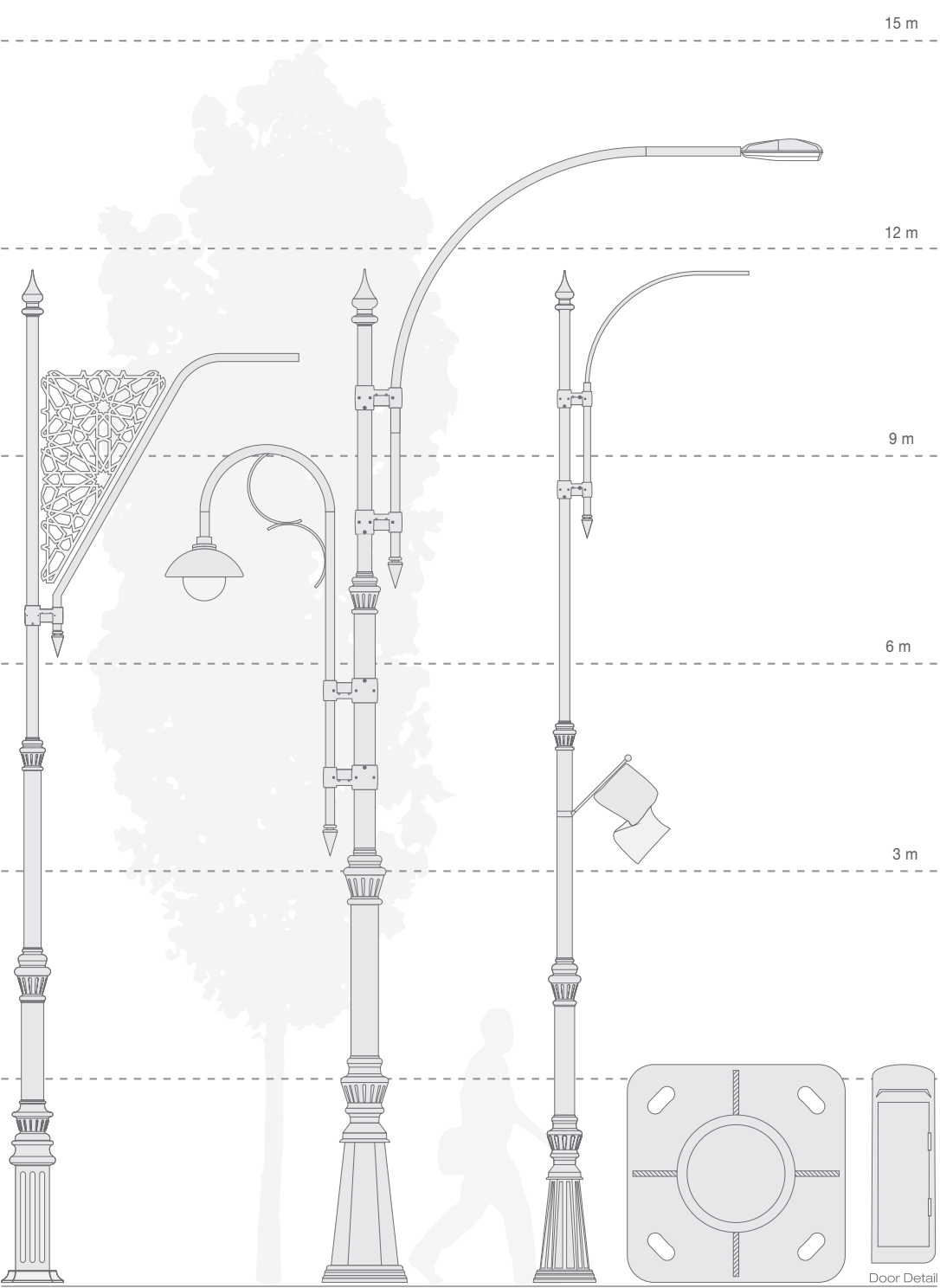
Decorative Poles

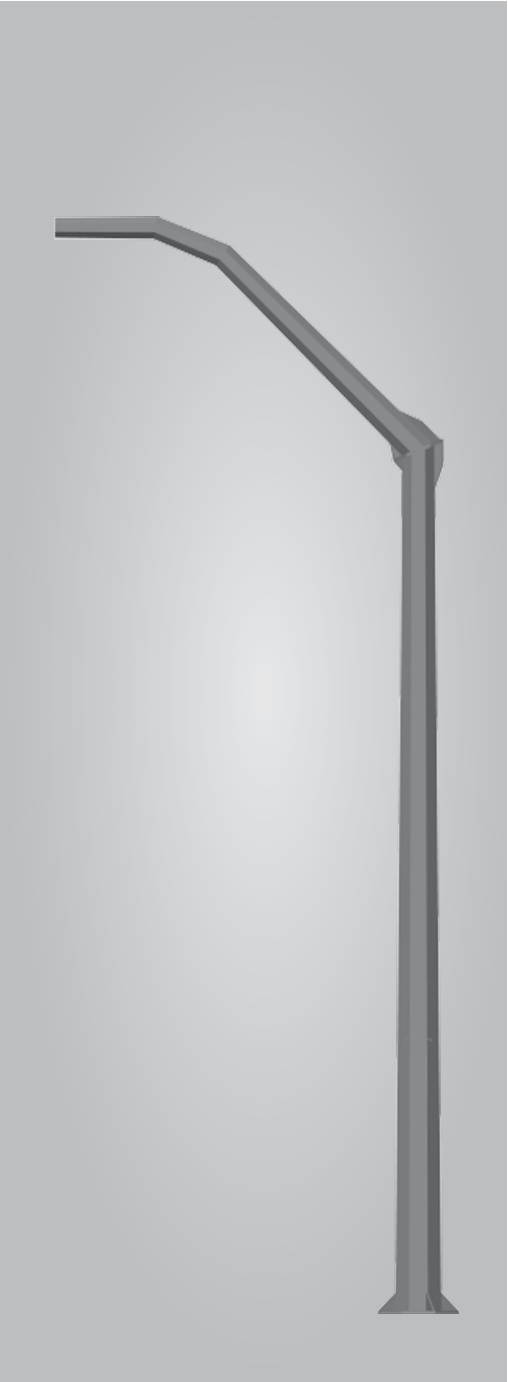


DECORATIVE STREET LIGHTING POLE



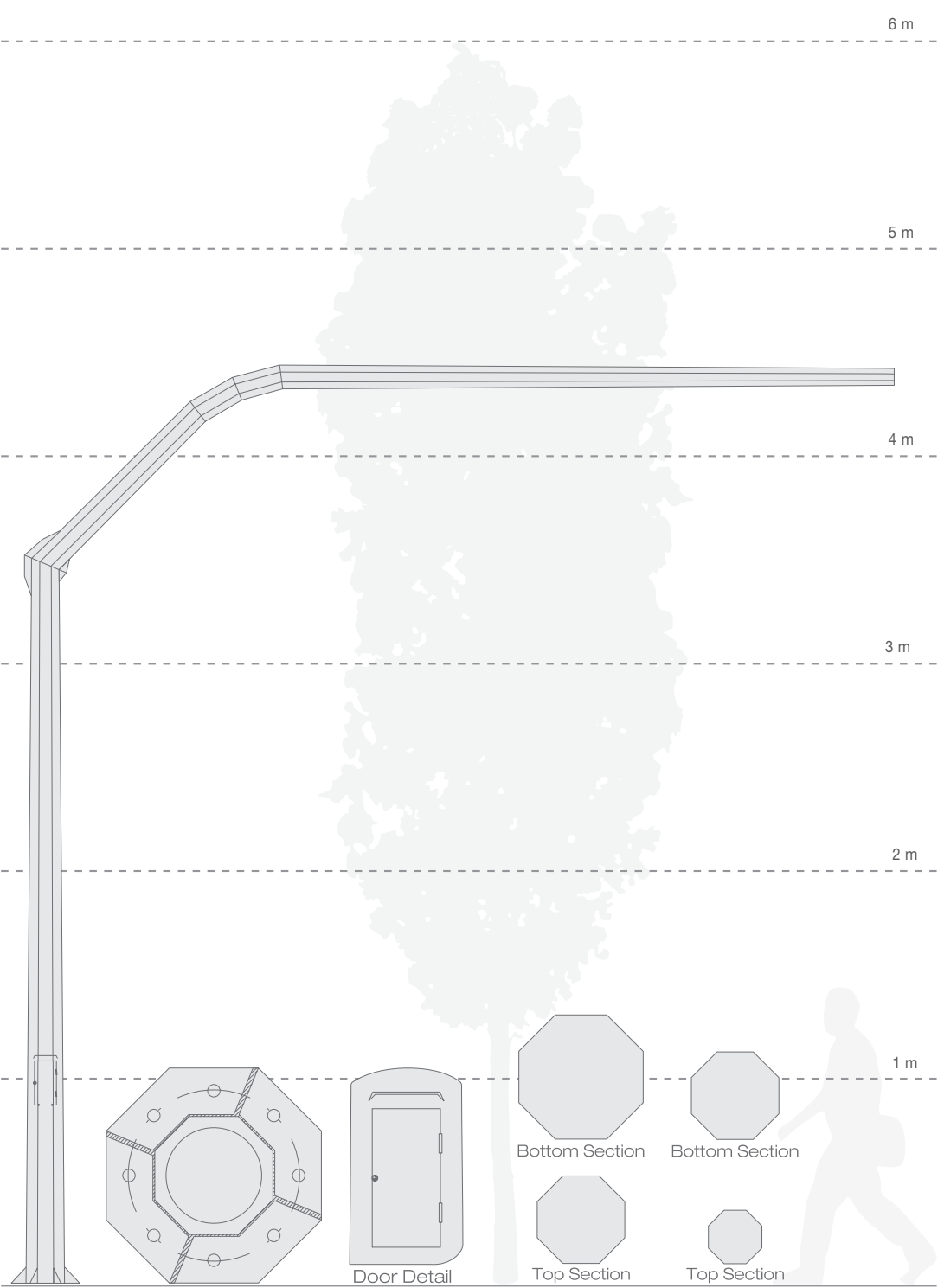
Technical specifications	
Stand Height(m)	9 - 14
shaft	1,2,3,4
Thickness (mm)	3,4,5
Type of coating	hot dip galvanized, paint
Design Based Wind Velocity(Km/h)	120,168,198
Application range	streets, parks, and special areas such as tourist attractions

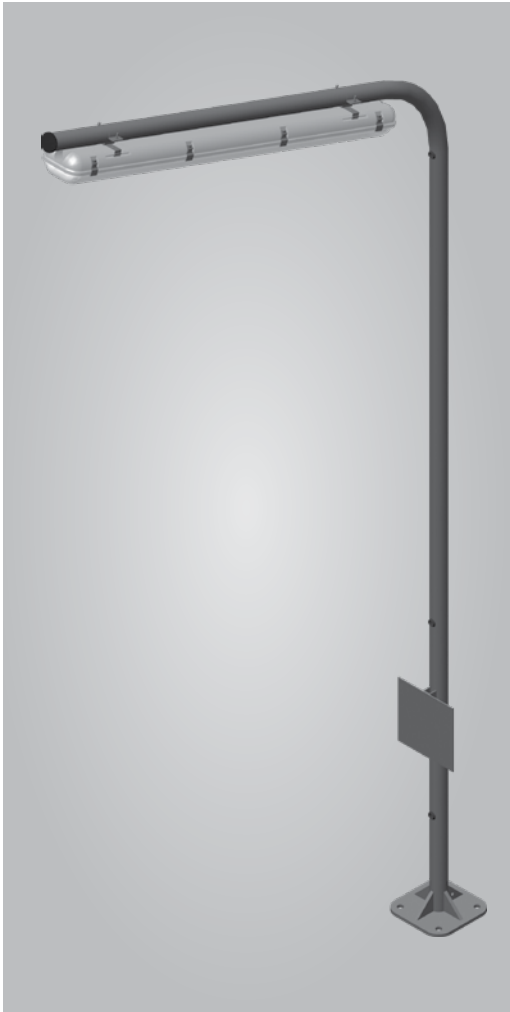




TRAFFIC POLE

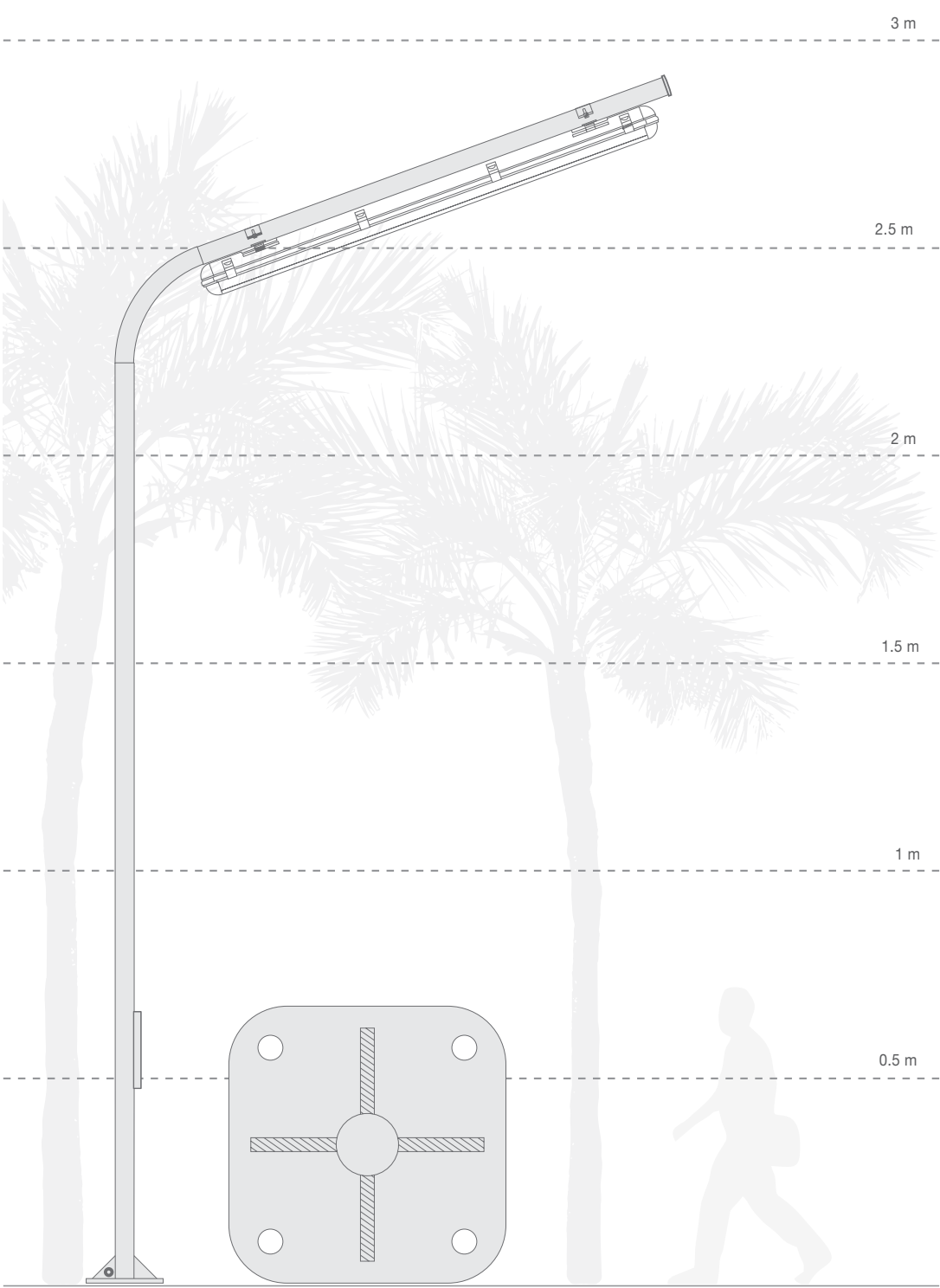
Technical specifications	
Stand Height(m)	4 - 20
shaft	2
Thickness (mm)	4,5,8
Arm length(m)	1,4
Type of coating	hot dip galvanized, paint
Design Based Wind Velocity(Km/h)	120,168,198
Application range	All locations

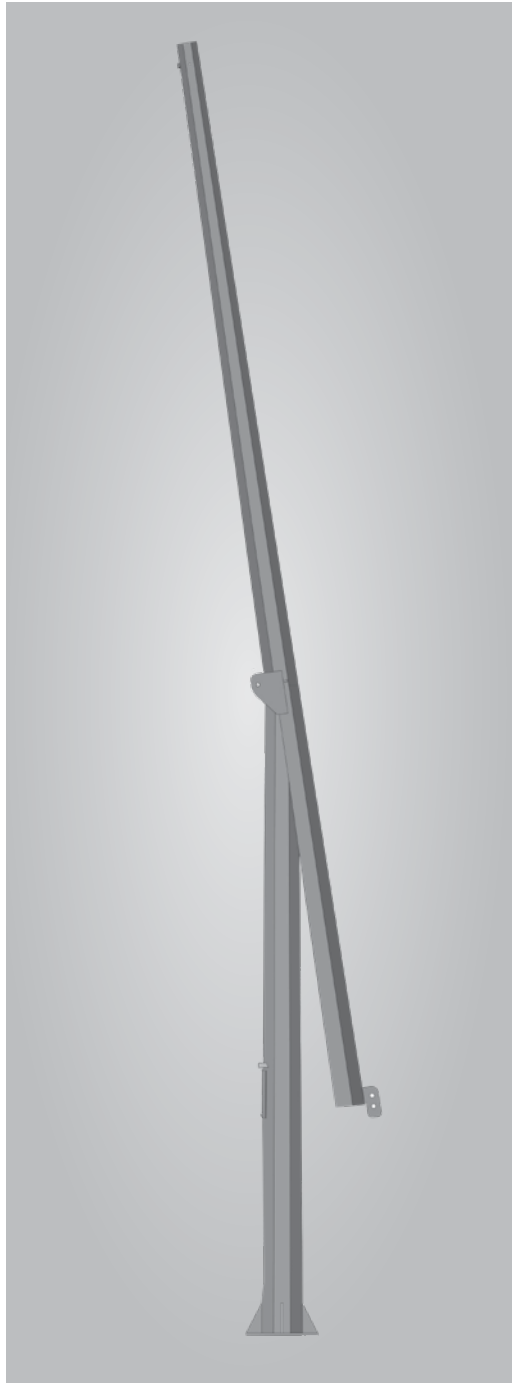




LIGHTING POLES FOR OIL INDUSTRIES

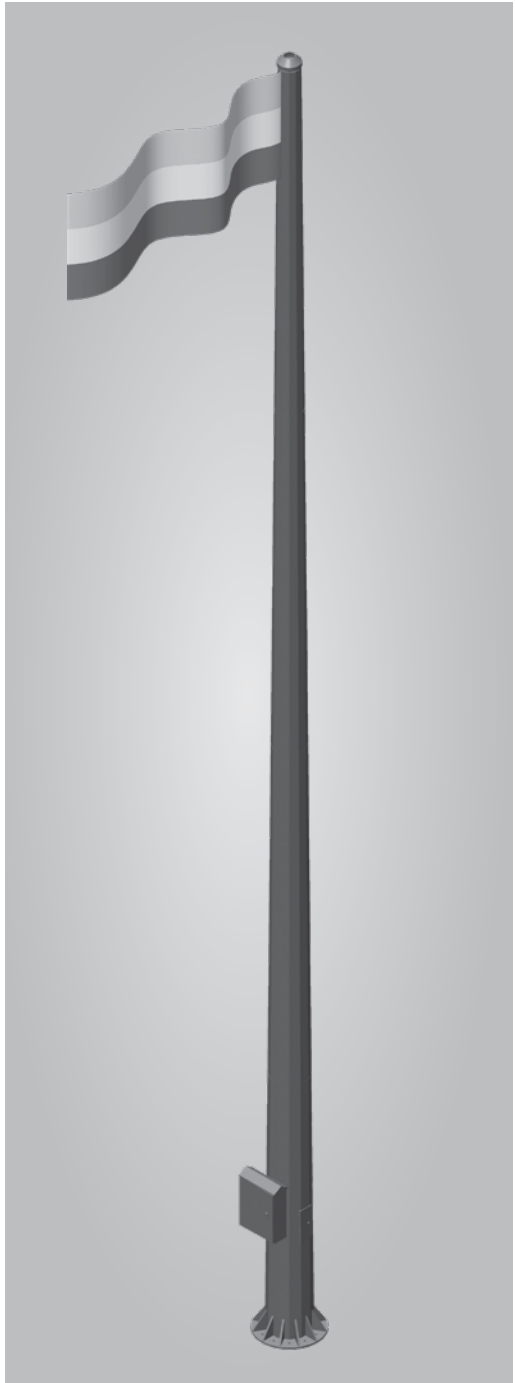
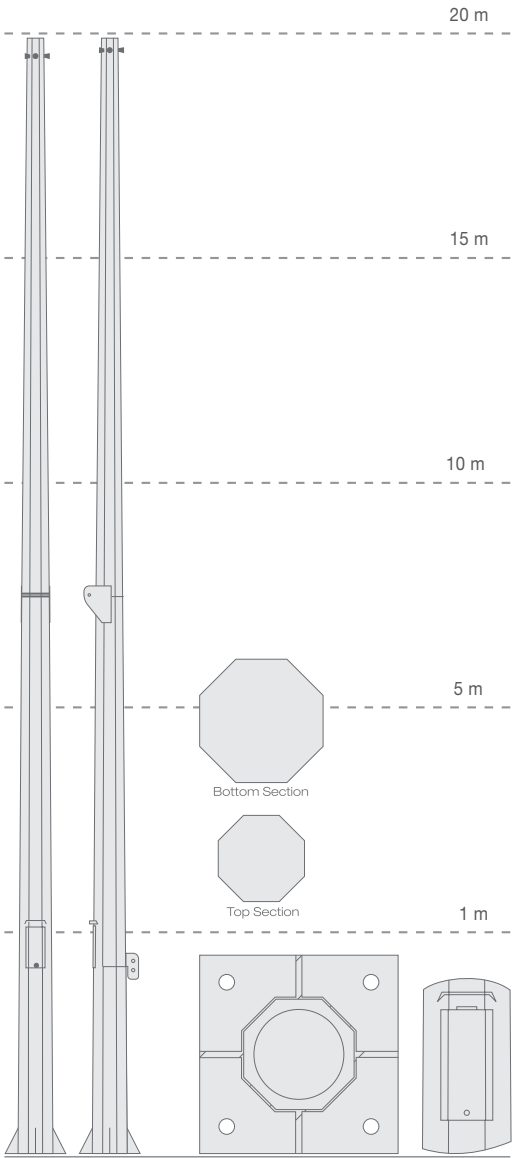
Technical specifications	
Stand Height(m)	0.5-3
Arm length	1.3
Large Areas (inch)	2.5,2,1.5
Type of coating	hot dip galvanized, paint
Design Based Wind Velocity(Km/h)	120,168,198
Application range	Oil and gas industry structures





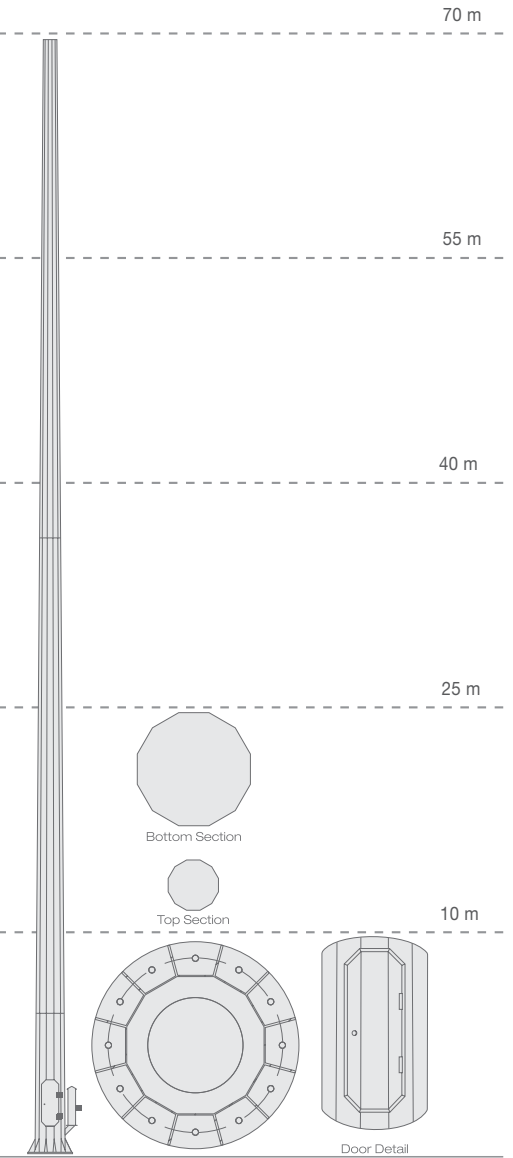
MID HINGED LIGHT POLE

Technical specifications	
Stand Height(m)	6 - 20
shaft	2
Thickness (mm)	3,4,5
Type of coating	hot dip galvanized, paint
Design Based Wind Velocity(Km/h)	120,168,198
Application range	Flag mounting, infrastructure, Oil and gas industries, parks, security, Sport



FLAG MAST

Technical specifications	
Stand Height(m)	18 - 20
shaft	1,2,3,4,5,6,7
Thickness (mm)	3,4,5,6,8,10
Type of coating	hot dip galvanized, paint
Design Based Wind Velocity(Km/h)	120,168,198
Application range	All locations



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