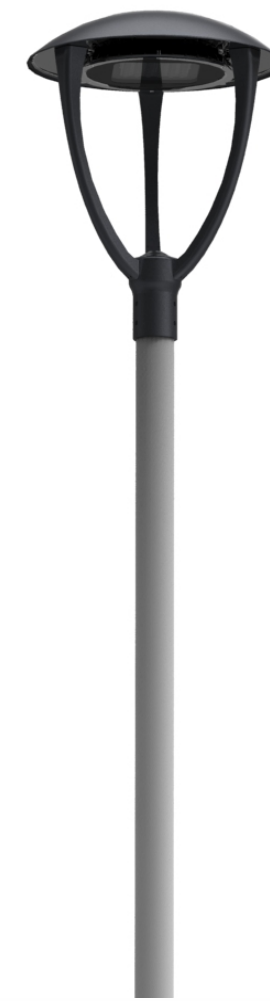
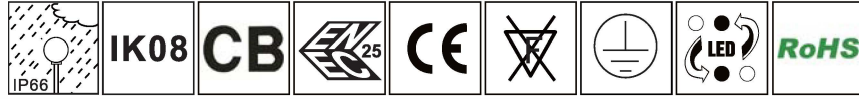




URBAN LIGHTING

Series OPERA





Superior design

- Excellent materials
- Strong and durable
- Harmonious proportions

Reliable technical characteristics

IP66 / IK08

Variable installation mode

On a post top / on a mast (column) arm / on span or suspension wires

Good lighting performance

- Symmetric and asymmetric lighting distribution
- Various possible photometric distributions according to the lenses adopted for the LED module



Main Parameters

3030 Light source

Power	LED QTY	Light Distribution	4000K Ra70@Tq=25°C		3000K Ra70@Tq=25°C	
			Luminaire Efficiency	Luminous Flux	Luminaire Efficiency	Luminous Flux
18w	24	UNI-540	110lm/w	1980	103lm/w	1848
25w	32		110lm/w	2750	103lm/w	2567
35w	40		110lm/w	3850	103lm/w	3593
45w	48		110lm/w	4950	103lm/w	4620
65w	64		110lm/w	7150	103lm/w	6673
80w	80		110lm/w	8800	103lm/w	8213


3535 Light source

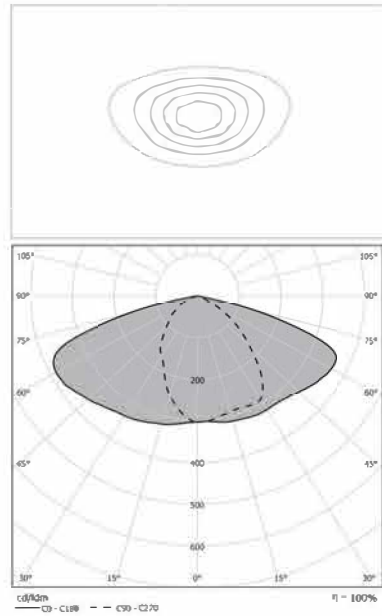
Power	LED QTY	Light Distribution	4000K Ra70@Tq=25°C		3000K Ra70@Tq=25°C	
			Luminaire Efficiency	Luminous Flux	Luminaire Efficiency	Luminous Flux
18w	10	UNI-482	115lm/w	2070	105lm/w	1890
25w	14		115lm/w	2875	105lm/w	2625
35w	20		115lm/w	4025	105lm/w	3675
45w	26	UNI-632	115lm/w	5175	105lm/w	4725
65w	38		115lm/w	7475	105lm/w	6825
80w	48		115lm/w	9200	105lm/w	8400


Power	LED QTY	Light Distribution	4000K Ra70@Tq=25°C		3000K Ra70@Tq=25°C	
			Luminaire Efficiency	Luminous Flux	Luminaire Efficiency	Luminous Flux
18w	16	UNI-482	125lm/w	2250	115lm/w	2070
25w	20		125lm/w	3125	115lm/w	2875
35w	30		125lm/w	4375	115lm/w	4025
45w	40	UNI-632	125lm/w	5625	115lm/w	5175
65w	58		125lm/w	8150	115lm/w	7475
80w	58		125lm/w	10000	115lm/w	9200

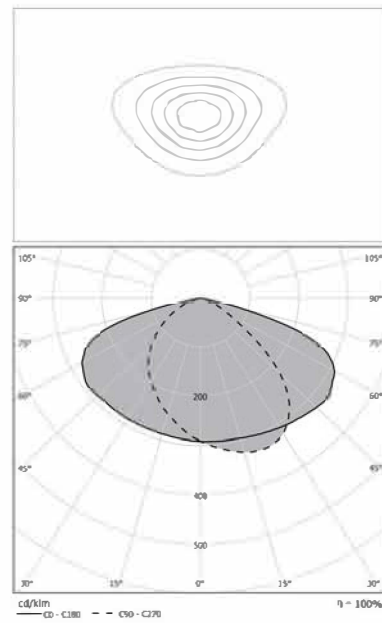
* Apply to all installations


Light Distribution

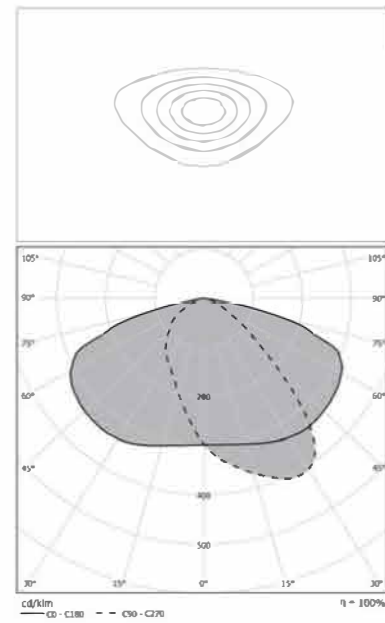
 Led optic 482 3535




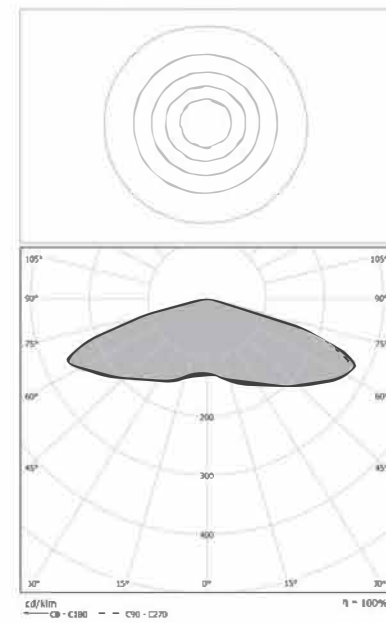
 Led optic 540 3030




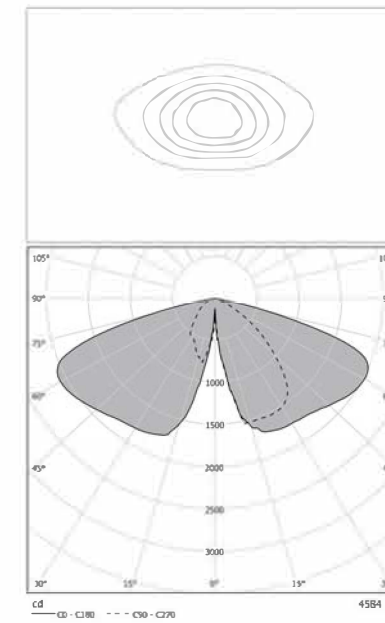
 Led optic 632 3535




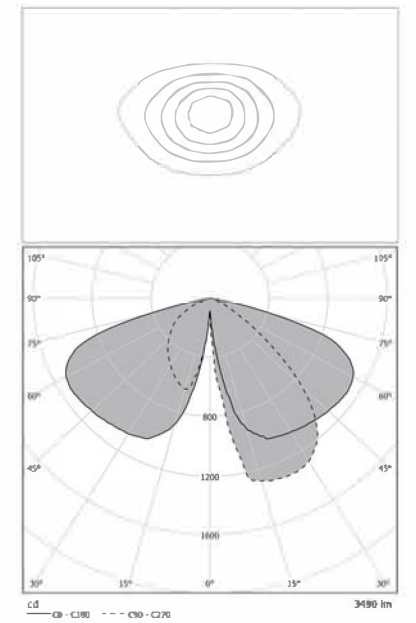
 Led optic 685 3535



 Led optic 482 3535



 Led optic 540 3030



UNI-YA03-A



Basic

LED Brand: Osram / Philips
 Driver Brand: Inventronics / MOSO / Osram
 Protection Degree: IP66
 Pole Diameter: Ø76mm
 Preparation for CE/CB/ENEC/ROHS certification
 Color Temperature: 3000/4000/5000±300K
 5700/6500±500K

Environment

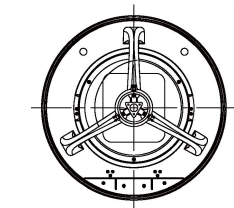
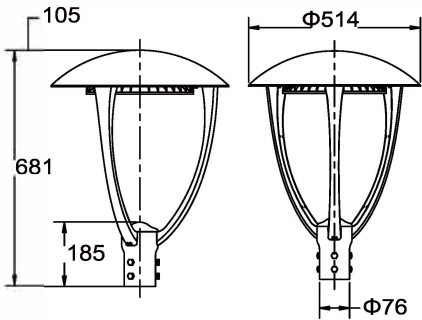
Operating Temperature: -40°C~ 45°C
 Operating Humidity: 10% ~ 90% RH
 Storage Temperature: -40°C~ 55°C

Electronics

Rated Input Voltage: AC120-277 V
 Frequency: 50/60Hz
 Power Factor: 0.95
 CRI: 70
 Surge Protection: 10kV / 20kV(optional)
 Control system: Phorocontrol(NEMA)
 Timer Dimming / 0-10V Dimming/DALI Dimming/
 Solar Compatible (optional)

Structure

Installation height: 4-6M
 Max Projected Area: 0.22m²
 Housing Material: Aluminum alloy + tempered glass
 Luminaire Dimension: 514×514×681 mm
 Packing Dimension: 590×590×250 mm
 Net Weight: 9.2 ± 0.2 Kg
 Gross Weight: 12.0 ± 0.2 Kg



UNI-YA03-C



Basic

LED Brand: Osram / Philips
 Driver Brand: Inventronics / MOSO / Osram
 Protection Degree: IP66
 Pole Diameter: Ø76mm
 Preparation for CE/CB/ENEC/ROHS certification
 Color Temperature: 3000/4000/5000±300K
 5700/6500±500K

Environment

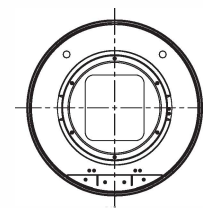
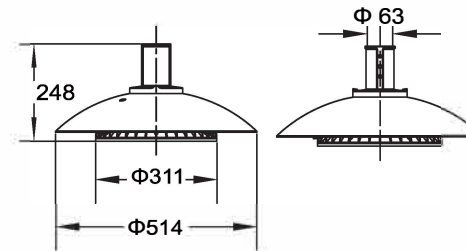
Operating Temperature: -40°C~ 45°C
 Operating Humidity: 10% ~ 90% RH
 Storage Temperature: -40°C~ 55°C

Electronics

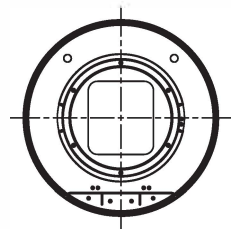
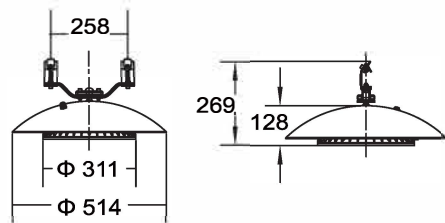
Rated Input Voltage: AC120-277 V
 Frequency: 50/60Hz
 Power Factor: 0.95
 CRI: 70
 Surge Protection: 10kV / 20kV(optional)
 Control system: Phorocontrol(NEMA)
 Timer Dimming / 0-10V Dimming/DALI Dimming/
 Solar Compatible (optional)

Structure

Installation height: 4-6M
 Max Projected Area: 0.22m²
 Housing Material: Aluminum alloy + tempered glass
 Luminaire Dimension: 514×514×248 mm
 Packing Dimension: 590×590×235 mm
 Net Weight: 7.9 ± 0.2 Kg
 Gross Weight: 8.9 ± 0.2 Kg



UNI-YA03-D



Basic

LED Brand: Osram / Philips
Driver Brand: Inventronics / MOSO / Osram
Protection Degree: IP66
Pole Diameter: Ø76mm
Preparation for CE/CB/ENEC/ROHS certification
Color Temperature: 3000/4000/5000±300K
5700/6500±500K

Environment

Operating Temperature: -40°C~ 45°C
Operating Humidity: 10% ~ 90% RH
Storage Temperature: -40°C~ 55°C

Electronics

Rated Input Voltage: AC120-277 V
Frequency: 50/60Hz
Power Factor: 0.95
CRI: 70
Surge Protection: 10kV / 20kV(optional)
Control system: Phorocontrol(NEMA)
Timer Dimming / 0-10V Dimming/DALI Dimming/
Solar Compatible (optional)

Structure

Installation height: 4-6M
Max Projected Area: 0.22m²
Housing Material: Aluminum alloy + tempered glass
Luminaire Dimension: 514×514×269 mm
Packing Dimension: 590×590×235 mm
Net Weight: 8.1 ± 0.2 Kg
Gross Weight: 9.1 ± 0.2 Kg

