



STREET LIGHT



GO GREEN
AND
SAVE GREEN

Product Benefits

Introducing a New Premium Experience

PHILIPS LUMILEDS LED LUMINOUS SOURCE

The new AQL iL Series LED street light use PHILIPS LUXEON® T LED luminous source, providing excellent lumen output, long-lasting stability and splendid sight.

Each PHILIPS LUXEON® T chip owns electrostatic protection component, maximally avoid the damage of electrostatic.

More information about the PHILIPS LUXEON® Rebel ES and solid-state lighting technologies can be found at www.philipslumileds.com.



Superior efficacy
Leading lumen output
Ultimate design flexibility
LUXEON®
NEVER BEFORE POSSIBLE



LED DRIVER

Full range AQL iL Series LED street light utilizing MeanWell HLG Series high-end driver. Providing great luminaire stability, lifespan and optimal performance status.

More information about the MeanWell HLG Series and LED driver technologies, please visit www.meanwell.com



BRAND-NEW LED MODULE DESIGN

ExquiLite design with powerful thermal output, with more reliable waterproof performance.



Introducing a New Premium Experience

Product Benefits

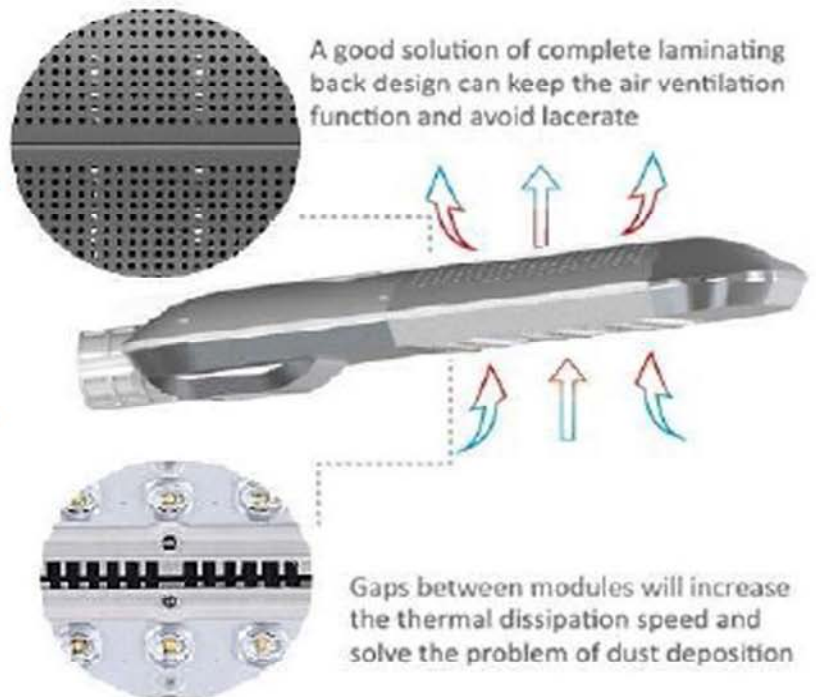
XTREME LUMINAIRE DESIGN

Equipped with exceptional **AQL** 3rd-generation LED module, the brand-new iL Series LED street light will give best luminous output, stability and super long life. And intend to build the most cost-effective LED street light ever.

AQL has its own R&D center, and it reserve all related patents for iL Series LED street light.

Easy assemble/diLassemble, neat wiring & connection, up to 95 lm/w luminaire light output, IP66 rated, 90% plus driver efficiency, 5 years warranty for the whole luminaire.

More information about the **AQL** iL Series LED street light and LED lighting technologies



FLEXIBLE INSTALLATION



40WiL

Introducing a New Premium Experience

80W -100WHID Replacement



Optical control function IL supported by optional
Dimming functions are supported by optional
† Three In One (1-10V DC or PWM Signal or ResilTance)
† Timer



Specifications

Electrical Specifications

Model No.	40WiL
Nominal Wattage	40W
Nominal Voltage	AC 100-240V /277V, 50/60Hz DC 12V / 24V
Maximum Current	AC 0.45A (max) DC 3.34A (max)
Optimal Operating Temperature	-40 °C to +50 °C
Power Factor (PF)	> 0.95
Driver Efficiency	> 90%

Photometric Specifications

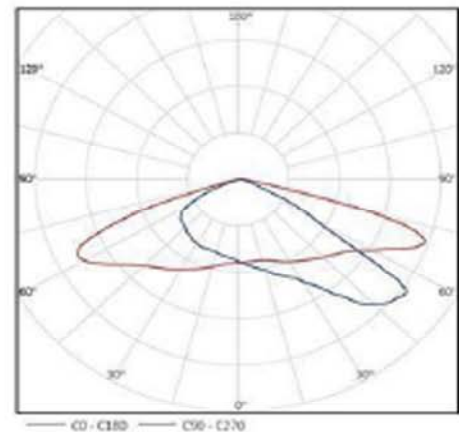
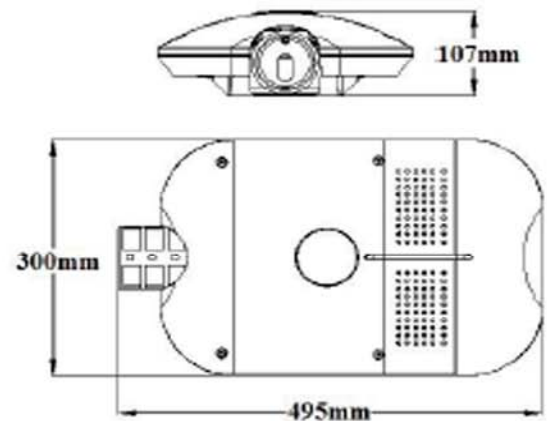
Lumen Output	+Lumen tolerance +/- 5%
3800-4100K	4000 lm
5000-6300K	4160 lm
CRI	Ra >= 78

CCT

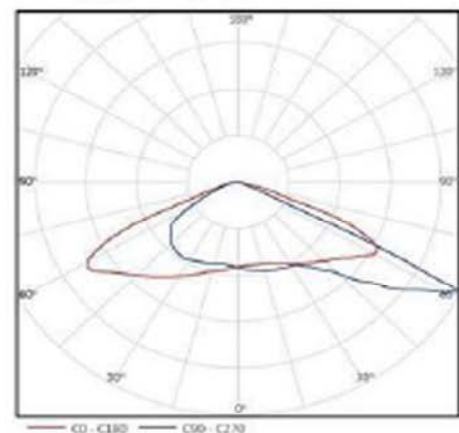


Mechanical Specifications

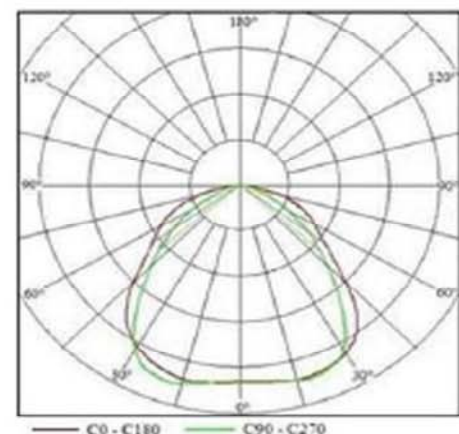
IP&IK Rating	IP67&IK08
Lifetime	50000 hours - L70, @25 °C
Heat Radiator	Anodized Aluminum
Lens	PC
Fixture Dimension	495 x300 x107 mm(19.5 x11.8 x4.2 inches)
Fixture Weight	5.55 kg



Type II
Medium



Type III
Medium



Type V
Short



80WiL

Introducing a New Premium Experience

160W-200W HID Replacement



Optical control function IL supported by optional
 Dimming functions are supported by optional
 † Three In One (1-10V DC or PWM Signal or Resistance)
 † Timer



Specifications

Electrical Specifications

Model No.	80WiL
Nominal Wattage	80W
Nominal Voltage	AC 100-240V / 277V, 50/60Hz DC 12 / 24V
Maximum Current	AC 0.9A (max) DC 6.67A (max)
Optimal Operating Temperature	-40 °C to +50 °C
Power Factor (PF)	> 0.95
Driver Efficiency	> 91%

Photometric Specifications

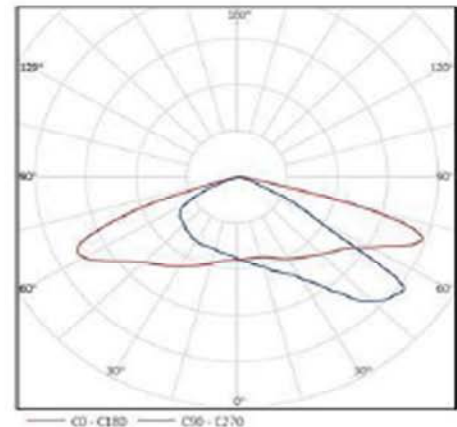
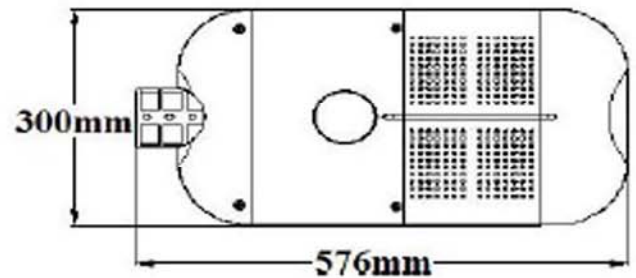
Lumen Output	+Lumen tolerance +/- 5%
3800-4100K	8000 lm
5000-6300K	8320 lm
CRI	Ra >= 78

CCT

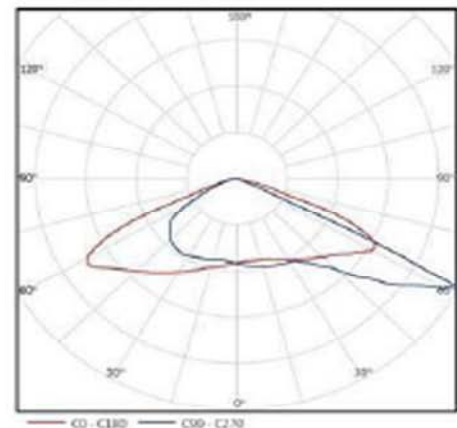


Mechanical Specifications

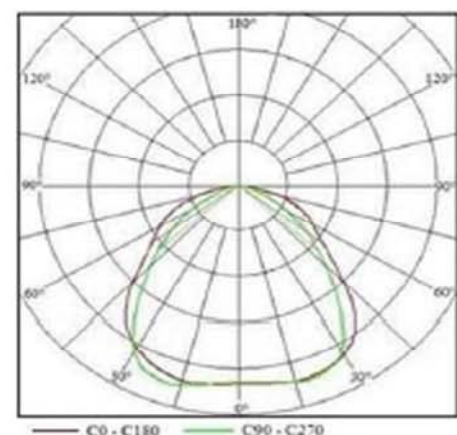
IP&IK Rating	IP67&IK08
Lifetime	50000 hours - L70, @25 °C
Heat Radiator	Anodized Aluminum
Lens	PC
Fixture Dimension	576 x 300 x 107 mm (22.7 x 11.8 x 4.2 inches)
Fixture Weight	6.9 kg



Type II
Medium



Type III
Medium



Type V
Short



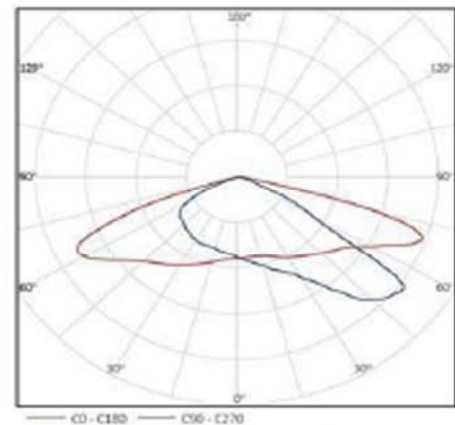
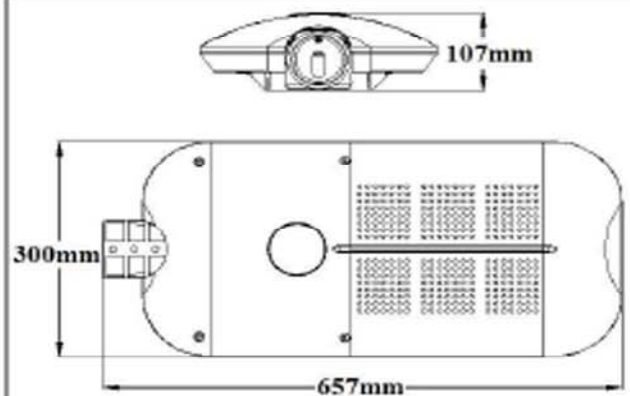
120WiL

Introducing a New Premium Experience

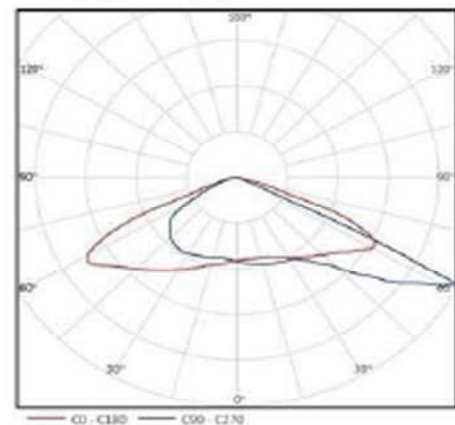
240W-280W HID Replacement



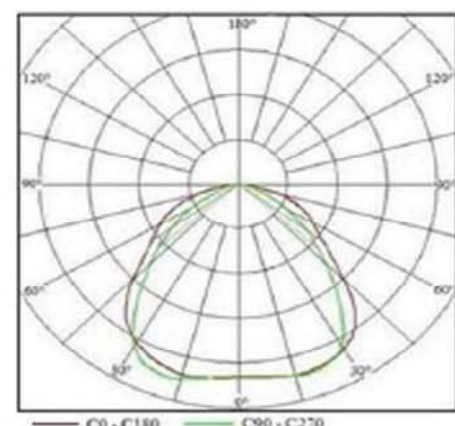
Optical control function IL supported by optional
Dimming functions are supported by optional
† Three In One (1-10V DC or PWM Signal or ResilTance)
† Timer



Type II
Medium



Type III
Medium



Type V
Short

Specifications

Electrical Specifications

Model No.	120WiL
Nominal Wattage	120W
Nominal Voltage	AC 100-240V / 277V, 50/60Hz DC 24V
Maximum Current	AC 1.35A (max) DC 5A (max)
Optimal Operating Temperature	-40 °C to +50 °C
Power Factor (PF)	> 0.95
Driver Efficiency	> 92%

Photometric Specifications

Lumen Output	+Lumen tolerance +/- 5%
3800-4100K	12240 lm
5000-6300K	12720 lm
CRI	Ra >= 78

CCT



Mechanical Specifications

IP&IK Rating	IP67&IK08
Lifetime	50000 hours - L70, @25 °C
Heat Radiator	Anodized Aluminum
Lens	PC
Fixture Dimension	657 x 300 x 107 mm (25.9 x 11.8 x 4.2 inches)
Fixture Weight	8.4 kg



160WiL

Introducing a New Premium Experience

320W- 400WHID Replacement



Optical control function IL supported by optional
Dimming functions are supported by optional
† Three In One (1-10V DC or PWM Signal or ResilTance)
† Timer



Specifications

Electrical Specifications

Model No.	160WiL
Nominal Wattage	160W
Nominal Voltage	AC 100-240V / 277V, 50/60Hz
Maximum Current	AC 1.80A (max) DC /
Optimal Operating Temperature	-40 °C to +50 °C
Power Factor (PF)	> 0.95
Driver Efficiency	> 92%

Photometric Specifications

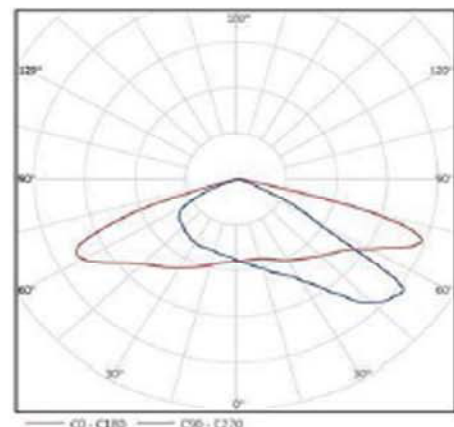
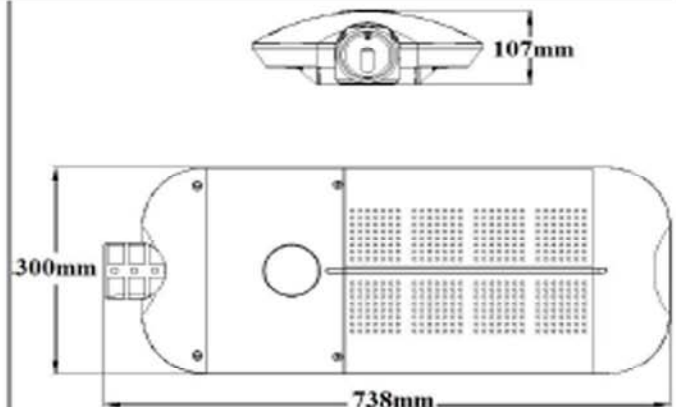
Lumen Output	+Lumen tolerance +/- 5%
3800-4100K	16320 lm
5000-6300K	17120 lm
CRI	Ra >= 78

CCT

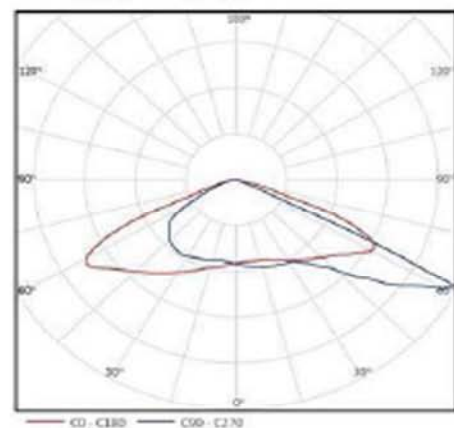


Mechanical Specifications

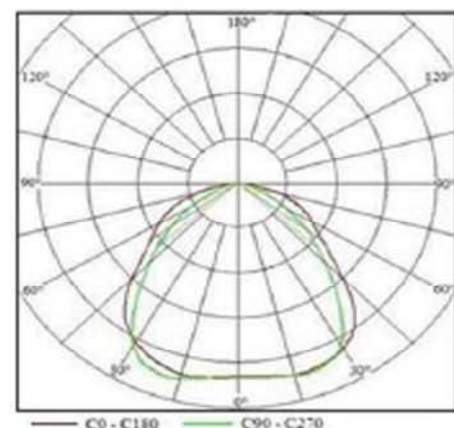
IP&IK Rating	IP67&IK08
Lifetime	50000 hours - L70, @25 °C
Heat Radiator	Anodized Aluminum
Lens	PC
Fixture Dimension	738 x 300 x 107 mm (29.1 x 11.8 x 4.2 inches)
Fixture Weight	9.7 kg



Type II
Medium



Type III
Medium



Type V
Short



200WiL

Introducing a New Premium Experience

Brighter
400W -500W HID Replacement



Optical control function IL supported by optional
Dimming functions are supported by optional
† Three In One (1-10V DC or PWM Signal or ResilTance)
† Timer



Specifications

Electrical Specifications

Model No.	200WiL
Nominal Wattage	200W
Nominal Voltage	AC 100-240V /277V, 50/60Hz
	DC /
Maximum Current	AC 2.25A (max)
	DC /
Optimal Operating Temperature	-40 °C to +50 °C
Power Factor (PF)	> 0.95
Driver Efficiency	> 92%

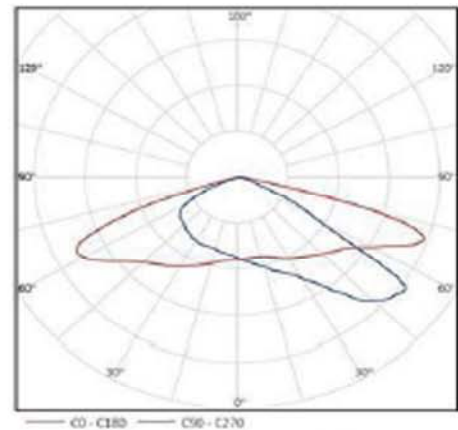
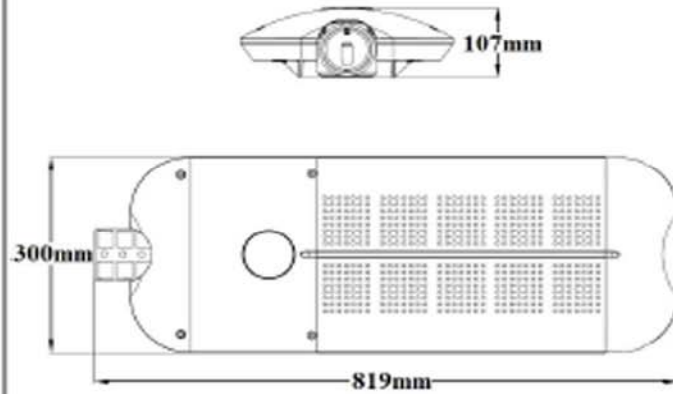
Photometric Specifications

Lumen Output	+Lumen tolerance +/- 5%
3800-4100K	20400 lm
5000-6300K	21400 lm
CRI	Ra >= 78
CCT	

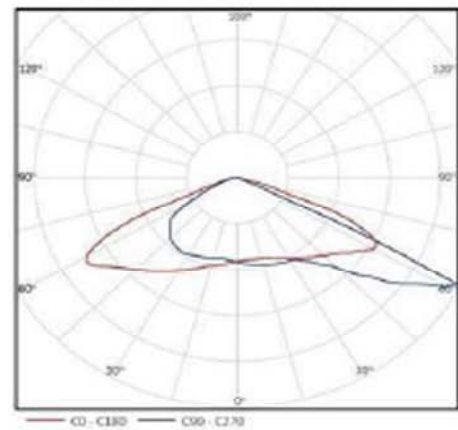


Mechanical Specifications

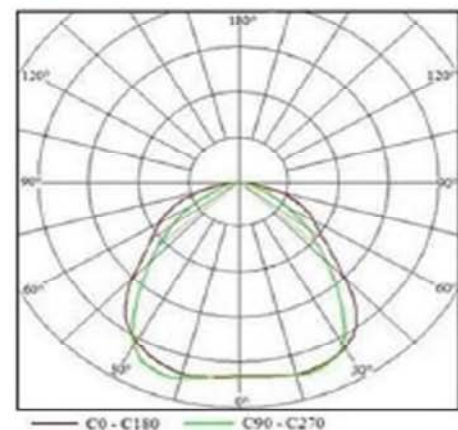
IP&IK Rating	IP67&IK08
Lifetime	50000 hours - L70, @25 °C
Heat Radiator	Anodized Aluminum
Lens	PC
Fixture Dimension	819 x300 x107 mm(32.3 x11.8 x4.2 inches)
Fixture Weight	10.9kg



Type II
Medium



Type III
Medium



Type V
Short



240WiL

Introducing a New Premium Experience

480W-600W HID Replacement



Optical control function IL supported by optional
Dimming functions are supported by optional
† Three In One (1-10V DC or PWM Signal or ResLtance)
† Timer



Specifications

Electrical Specifications

Model No.	240WiL
Nominal Wattage	240W
Nominal Voltage	AC 100-240V / 277V, 50/60Hz DC /
Maximum Current	AC 2.70A (max) DC /
Optimal Operating Temperature	-40 °C to +50 °C
Power Factor (PF)	> 0.95
Driver Efficiency	> 92%

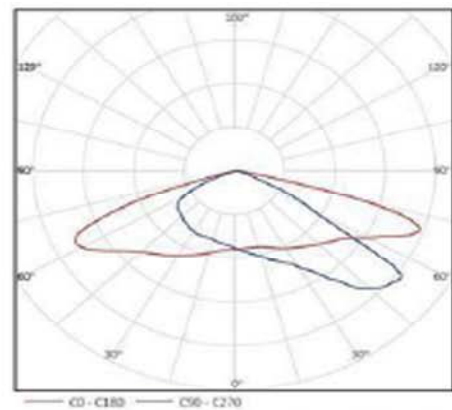
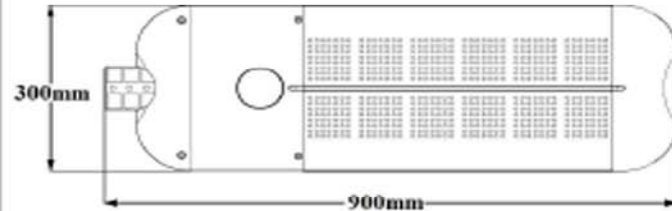
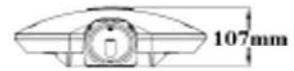
Photometric Specifications

Lumen Output	+Lumen tolerance +/- 5%
3800-4100K	24480 lm
5000-6300K	25680 lm
CRI	Ra >= 78
CCT	

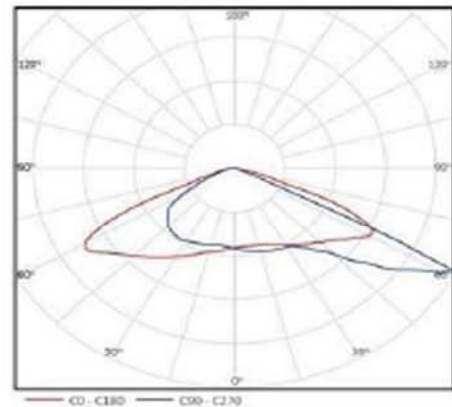


Mechanical Specifications

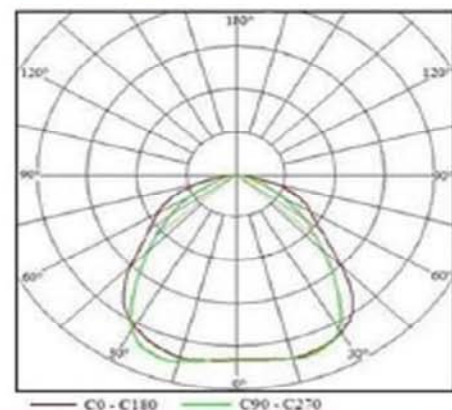
IP&IK Rating	IP67&IK08
Lifetime	50000 hours - L70, @25 °C
Heat Radiator	Anodized Aluminum
Lens	PC
Fixture Dimension	900 x 300 x 107 mm (35.4 x 11.8 x 4.2 inches)
Fixture Weight	12.3 kg



Type II
Medium



Type III
Medium



Type V
Short



280WiL

Introducing a New Premium Experience

Brighter
560W - 700W HID Replacement



Optical control function IL supported by optional
Dimming functions are supported by optional
† Three In One (1-10V DC or PWM Signal or ResilTance)
† Timer



Specifications

Electrical Specifications

Model No.	280WiL
Nominal Wattage	280W
Nominal Voltage	AC 100-240V / 277V, 50/60Hz
	DC /
Maximum Current	AC 3.15A (max)
	DC /
Optimal Operating Temperature	-40 °C to +50 °C
Power Factor (PF)	> 0.95
Driver Efficiency	> 92%

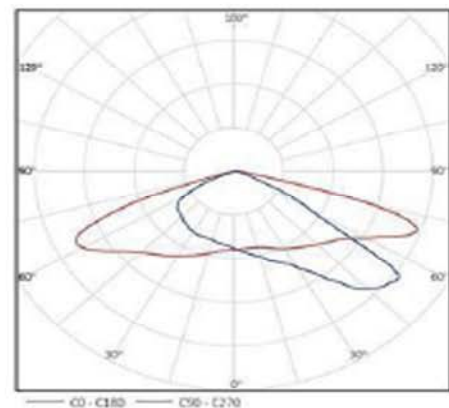
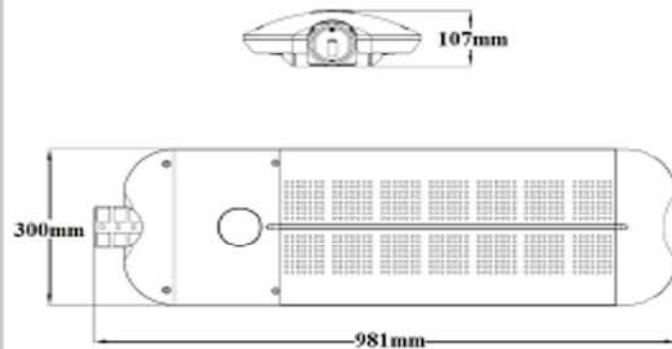
Photometric Specifications

Lumen Output	+Lumen tolerance +/- 5%
3800-4100K	28560 lm
5000-6300K	29960 lm
CRI	Ra >= 78
CCT	

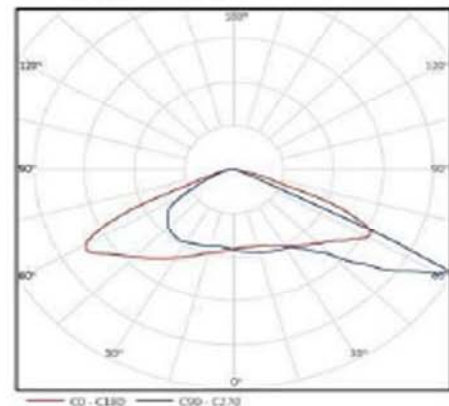


Mechanical Specifications

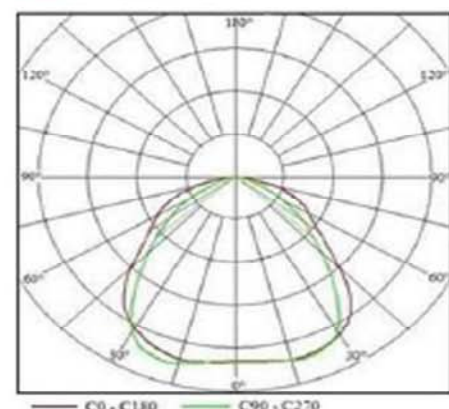
IP&IK Rating	IP67&IK08
Lifetime	50000 hours - L70, @25 °C
Heat Radiator	Anodized Aluminum
Lens	PC
Fixture Dimension	981 x 300 x 107 mm (38.6 x 11.8 x 4.2 inches)
Fixture Weight	14.2 kg



Type II
Medium



Type III
Medium



Type V
Short

