



Datasheet



LED Street Lighting BASE Model

Luminaire Technical Information

The EFICAZ LED Street luminaire with its high performance & state of the art design guarantees professional lighting for urban and suburban contexts.

This product features advance cut-off IP-66 optical system that eliminates skyward light dispersion entirely and designed to save maximum energy while achieving high photometric performance. This allows the application in street lighting schemes where there is a significant distance between the poles.



Exclusive Features:

- *Black & Grey Colors*
- Luminaire System Efficacy > 100 lm/W
- 3rd Generation LED modules combined with highly efficient luminous sources
- Increased uniformity ratio by 25%
- Exquisite design with powerful thermal dissipation and IP67 waterproof performance.
- Surge Protection

Even, non-dazzle lighting, no skyward dispersion and complete compliance with light pollution standards make EFICAZ LED an ideal street and residential lighting system. It decorates the urban landscape with its distinctive design and hi-tech style, as well as renewing a sense of communication and freedom by efficiently lighting streets, car parks, and green areas

EFICAZ LED Street Luminaires can yield up to 85-percent reduction in system energy compared with standard HID systems, depending on roadway applications.

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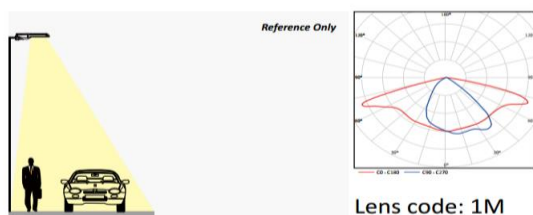
- Housing & Mounting
- Electrical Features
- Optical Features

Ordering Data

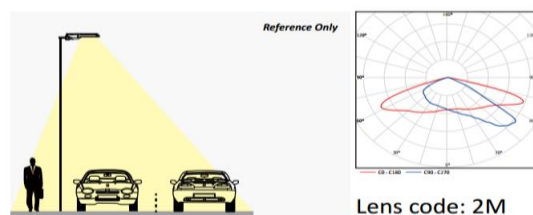
Technical Information

Nominal Wattage	35W	65W	100W	135W	165W	200W
Drive Current	750 mA	750 mA	750 mA	750 mA	750 mA	750 mA
Number of Modules	1	2	3	4	5	6
Input Voltage	100-240V /277V AC 50/60Hz	100-240V /277V AC 50/60Hz	100-240V /277V AC 50/60Hz	100-240V /277V AC 50/60Hz	100-240V /277V AC 50/60Hz	100-240V /277V AC 50/60Hz
Max. Current @ 120V	0.36 A	0.67 A	1.03 A	1.39 A	1.70 A	2.06 A
Max. Current @ 208V	0.21 A	0.39 A	0.59 A	0.80 A	0.98 A	1.19 A
Max. Current @ 240V	0.18 A	0.33 A	0.51 A	0.69 A	0.85 A	1.03 A
Max. Current @ 277V	0.16 A	0.29 A	0.45 A	0.60 A	0.74 A	0.89 A
Operating Temperature	-40 °C to +50 °C	-40 °C to +50 °C	-40 °C to +50 °C	-40 °C to +50 °C	-40 °C to +50 °C	-40 °C to +50 °C
Power Factor (PF)	> 0.95	> 0.95	> 0.95	> 0.95	> 0.95	> 0.95
Total Harmonic Distortion (THD)	< 20%	< 20%	< 20%	< 20%	< 20%	< 20%
Lumen Output (+/- 5%)	3850 lm	7150 lm	11000 lm	14850 lm	18150 lm	22000 lm
Optic	1M, 2M, 3M, 5S	1M, 2M, 3M, 5S	1M, 2M, 3M, 5S	1M, 2M, 3M, 5S	1M, 2M, 3M, 5S	1M, 2M, 3M, 5S
CRI	Minimum 70 CRI	Minimum 70 CRI	Minimum 70 CRI	Minimum 70 CRI	Minimum 70 CRI	Minimum 70 CRI
CCT	3000K 4000K 5000K 5700K	3000K 4000K 5000K 5700K	3000K 4000K 5000K 5700K	3000K 4000K 5000K 5700K	3000K 4000K 5000K 5700K	3000K 4000K 5000K 5700K
Rating	IP66, IK08	IP66, IK08	IP66, IK08	IP66, IK08	IP66, IK08	IP66, IK08
Heat Radiator	Anodized Aluminum	Anodized Aluminum	Anodized Aluminum	Anodized Aluminum	Anodized Aluminum	Anodized Aluminum
Lens	PC (UV resistance)	PC (UV resistance)	PC (UV resistance)	PC (UV resistance)	PC (UV resistance)	PC (UV resistance)
Packaging Type	1 unit /ctn.	1 unit /ctn.	1 unit /ctn.	1 unit /ctn.	1 unit /ctn.	1 unit /ctn.

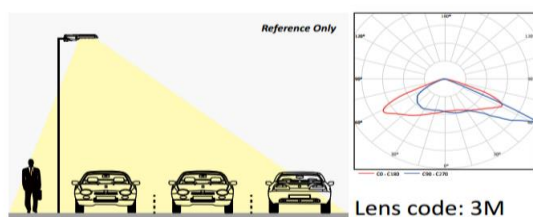
Optics:



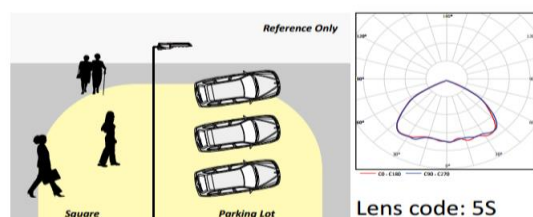
Applications:
Single Driveway | Walkway /Cycleway | Branch Road



Applications:
Two Driveway | Driveway Entrance | Urban Road



Applications:
Three Driveway | Highway | Parking Lot /Area



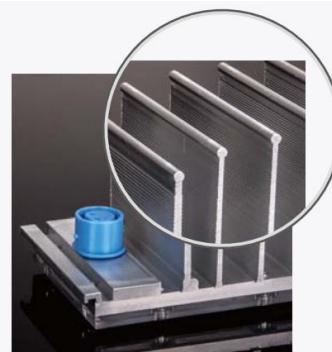
Applications:
Parking Lot | Square | Area



Overall stainless steel screws adopted.

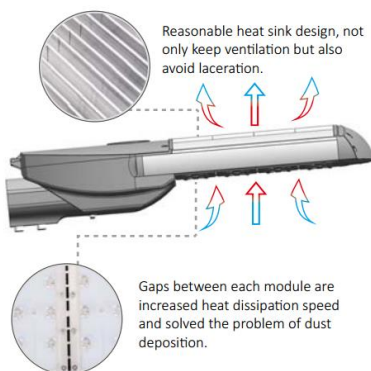


Black & Silver Color Modules.



Cylindrical edge design, avoid cut risk.

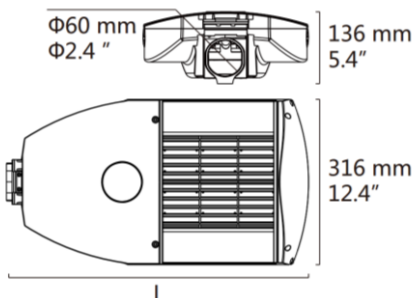
XTREME LUMINAIRE DESIGN



FLEXIBLE INSTALLATION



Innovative pole fitter design not only achieve the horizontal and vertical installation features, also has 0-15° adjustable function for each installation direction.



Ordering Data:

Lamp	System Wattage W	Substitute * W	Dimensions (mm) L	Weight kg.	Shipping Units
EFICAZ 35W LED SL	35	70	431	5.3	200
EFICAZ 65W LED SL	65	120	504	6.1	200
EFICAZ 100W LED SL	100	200	577	7.3	200
EFICAZ 135W LED SL	135	200	650	8.2	200
EFICAZ 165W LED SL	165	250	723	9.0	200
EFICAZ 200W LED SL	200	400	796	9.9	200

* Substitute depends on road design. For design based lighting solutions, kindly contact Us.