



The Conquest 120W is a high performance IP66/IP65 rated street light optimised for high uniformity and maximum spacing's between columns.

Manufactured with anti-corrosion die cast aluminium, stainless steel fixings and featuring high impact glass for additional protection.

Complete with adjustable spigot for side or column top entry, and 10M of cable for a quick installation.

Options include Nema socket, Dali Driver, LED colour temperature, and spigot size.



Conquest 120W - LED Street Light

Street Lighting









Features & Benefits



Nema Socket*: To order, change xxxx-xxx-00x-xx to xxxx-xxx-06x-xx.

- LED rating 17,664lm (4K & 6K).
- LED rating 14,944lm (3K).
- Luminaire flux 15,544lm (4K & 6K).
- Luminaire flux 13,150lm (3K).
- Total wattage 120W.
- Warm White (3K), Neutral White (4K) and Cool White (6K) colour temperature options.
- IP66*/IP65*/IK08 rated.
- -20 to +40°C operating temperature.
- LED life span > 100,000hrs.
- Standard weight 8.25Kg.
- Osram LED and Osram Driver.
- Post-top or side-entry, 60/76mm spigot options.
- Aluminium die-casting housing for maximum heat dissipation.
- Corrosion resistant polyester powder coating.
- Optimised optics for high uniformity and maximum spacing between columns.
- Future proof design.
- Compliant with Dark Skies recommendations (3K + Dali option).
- Bat & Insect friendly (3K + Dali option).

Applications

-  Roads
-  Residential
-  Railway Stations
-  Retail Parks
-  Parks & Gardens
-  Security

Kelvin Options

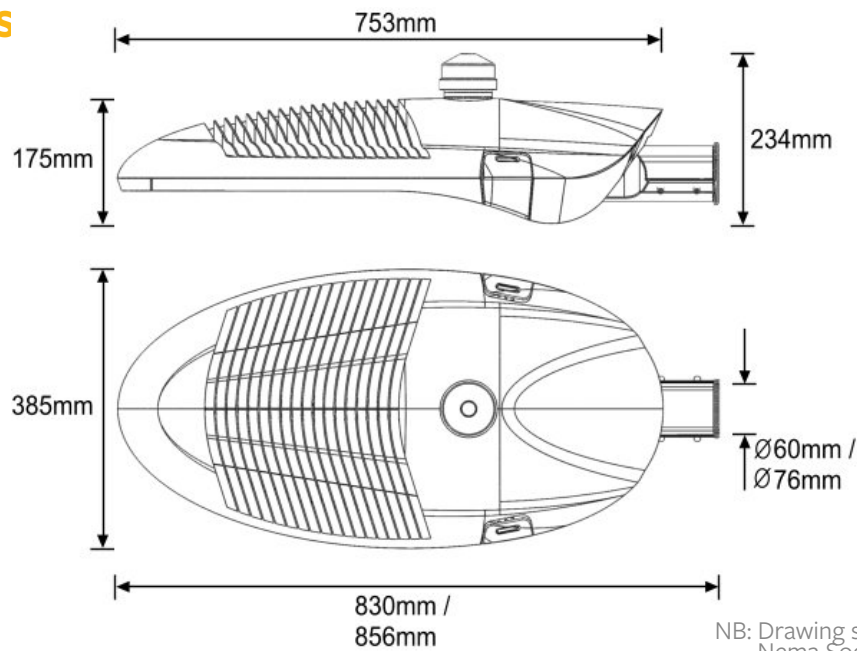


Painted Options



NB: additional RAL colours on request.

Dimensions



NB: Drawing shown with optional Nema Socket & Photocell.

Specifications

Conquest 120W

Item Number	Description	Light Source	LED Rating (lm)	Total Wattage (W)	CCT (K)	CRI	Voltage (VAC)	Driver Current (mA)	Luminaire Flux (lm)	Luminaire Efficacy (lm/W)	Kg	Unit Colour	Spigot Size (mm)
Standard - Grey - 76mm Spigot													
CQ120-A6C-00G-76-1	Conquest-120W-LED-AC-6K-Std-Grey-76mm-Optic1	LED	17,664	120	6K	Ra>70	220-240	625	15,544	130	14	Grey	76
CQ120-A6N-00G-76-1	Conquest-120W-LED-AC-4K-Std-Grey-76mm-Optic1	LED	17,664	120	4K	Ra>70	220-240	625	15,544	130	14	Grey	76
CQ120-A6W-00G-76-1	Conquest-120W-LED-AC-3K-Std-Grey-76mm-Optic1	LED	14,944	120	3K	Ra>80	220-240	625	13,150	110	14	Grey	76
Standard - Grey - 60mm Spigot													
CQ120-A6C-00G-60-1	Conquest-120W-LED-AC-6K-Std-Grey-60mm-Optic1	LED	17,664	120	6K	Ra>70	220-240	625	15,544	130	14	Grey	60
CQ120-A6N-00G-60-1	Conquest-120W-LED-AC-4K-Std-Grey-60mm-Optic1	LED	17,664	120	4K	Ra>70	220-240	625	15,544	130	14	Grey	60
CQ120-A6W-00G-60-1	Conquest-120W-LED-AC-3K-Std-Grey-60mm-Optic1	LED	14,944	120	3K	Ra>80	220-240	625	13,150	110	14	Grey	60
Standard - Grey - Nema Socket - 76mm Spigot													
CQ120-A6C-06G-76-1	Conquest-120W-LED-AC-6K-Std-NemaSocket-Grey-76mm-Optic1	LED	17,664	120	6K	Ra>70	220-240	625	15,544	130	14.25	Grey	76
CQ120-A6N-06G-76-1	Conquest-120W-LED-AC-4K-Std-NemaSocket-Grey-76mm-Optic1	LED	17,664	120	4K	Ra>70	220-240	625	15,544	130	14.25	Grey	76
CQ120-A6W-06G-76-1	Conquest-120W-LED-AC-3K-Std-NemaSocket-Grey-76mm-Optic1	LED	14,944	120	3K	Ra>80	220-240	625	13,150	110	14.25	Grey	76
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CQ120-A6W-06G-60-1	Conquest-120W-LED-AC-3K-Std-NemaSocket-Grey-60mm-Optic1	LED	14,944	120	3K	Ra>80	220-240	625	13,150	110	14.25	Grey	60

(table continued overleaf)

Specifications (Continued)

Conquest 120W

Item Number	Description	Light Source	LED Rating (lm)	Total Wattage (W)	CCT(K)	CRI	Voltage (VAC)	Driver Current (mA)	Luminaire Flux (lm)	Luminaire Efficacy (lm/W)	Kg	Unit Colour	Spigot Size (mm)
Dali - Grey - 76mm Spigot													
CQ120-A6C-20G-76-1	Conquest-120W-LED-AC-6K-Dali-Grey-76mm-Optic1	LED	17,664	120	6K	Ra>70	220-240	625	15,544	130	14	Grey	76
CQ120-A6N-20G-76-1	Conquest-120W-LED-AC-4K-Dali-Grey-76mm-Optic1	LED	17,664	120	4K	Ra>70	220-240	625	15,544	130	14	Grey	76
CQ120-A6W-20G-76-1	Conquest-120W-LED-AC-3K-Dali-Grey-76mm-Optic1	LED	14,944	120	3K	Ra>80	220-240	625	13,150	110	14	Grey	76
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CQ120-A6N-20G-60-1	Conquest-120W-LED-AC-4K-Dali-Grey-60mm-Optic1	LED	17,664	120	4K	Ra>70	220-240	625	15,544	130	14	Grey	60
CQ120-A6W-20G-60-1	Conquest-120W-LED-AC-3K-Dali-Grey-60mm-Optic1	LED	14,944	120	3K	Ra>80	220-240	625	13,150	110	14	Grey	60
Dali - Grey - Nema Socket - 76mm Spigot													
CQ120-A6C-26G-76-1	Conquest-120W-LED-AC-6K-Dali-NemaSocket-Grey-76mm-Optic1	LED	17,664	120	6K	Ra>70	220-240	625	15,544	130	14.25	Grey	76
CQ120-A6N-26G-76-1	Conquest-120W-LED-AC-4K-Dali-NemaSocket-Grey-76mm-Optic1	LED	17,664	120	4K	Ra>70	220-240	625	15,544	130	14.25	Grey	76
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Legend: **Std** = Standard. **Dali** = Dali Driver.

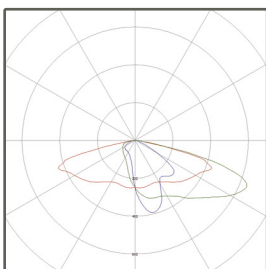
3K = Warm White (3000K). **4K** = Neutral White (4000K). **6K** = Cool White (6000K). **WW** = Warm White. **NW** = Neutral White. **CW** = Cool White.

Options: **Black Housing** = Change 00G to 00B.

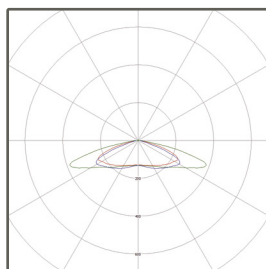
Optic 2 = Change '1' to '2'. **Optic 3** = Change '1' to '3'.

NB: Nema Photocell not included with Nema Socket, to purchase separately, use code: LIT-0010.

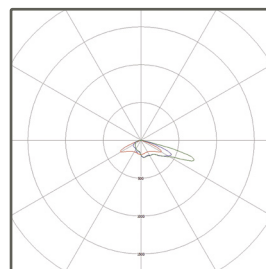
Photometric Data



Optic 1 - Type II/III (long) beam for very wide pole to pole distances. Ideal for pedestrian paths and residential roads.



Optic 2 - IESNA Type V (circular 360°) beam for wide area lighting such as car parks.



Optic 3 - Wide IESNA Type IV forward-throw beam for wide area lighting like car parks.

To access our photometric data, visit: bit.ly/3BaSfio.



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