



The Conquest 100W 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 100W - LED Street Light

Street Lighting



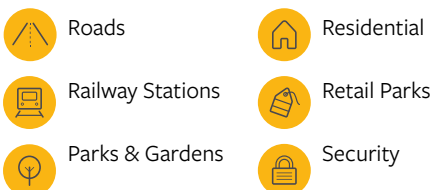
Features & Benefits

- LED rating 14,656lm (4K & 6K).
- LED rating 12,399lm (3K).
- Luminaire flux 12,897lm (4K & 6K).
- Luminaire flux 10,911lm (3K).
- Total wattage 100W.
- 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).



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

Applications



Kelvin Options

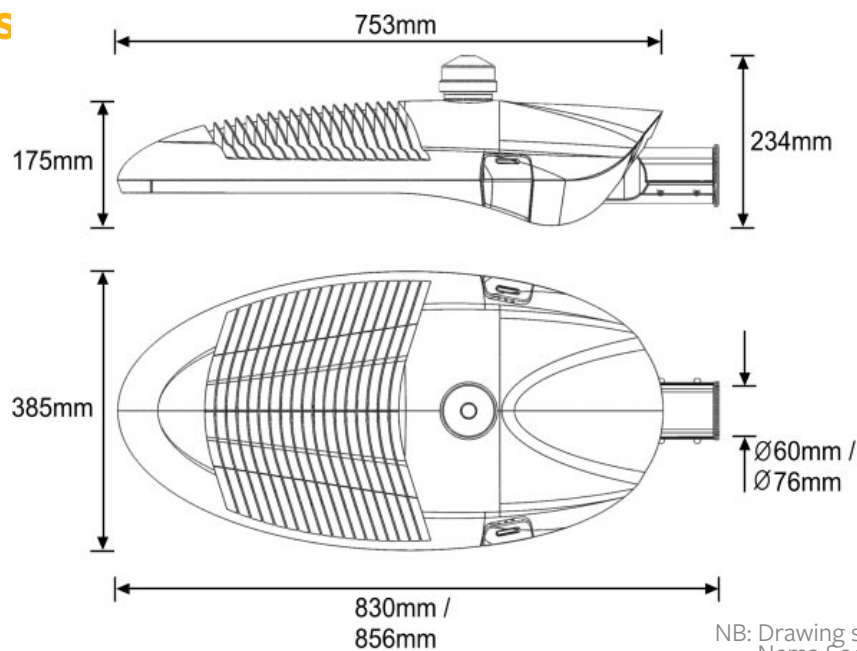


Painted Options



NB: additional RAL colours on request.

Dimensions



Specifications

Conquest 100W

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													
CQ100-A5C-00G-76-1	Conquest-100W-LED-AC-6K-Std-Grey-76mm-Optic1	LED	14,656	100	6K	Ra>70	220-240	515	12,897	129	14	Grey	76
CQ100-A5N-00G-76-1	Conquest-100W-LED-AC-4K-Std-Grey-76mm-Optic1	LED	14,656	100	4K	Ra>70	220-240	515	12,897	129	14	Grey	76
CQ100-A5W-00G-76-1	Conquest-100W-LED-AC-3K-Std-Grey-76mm-Optic1	LED	12,399	100	3K	Ra>80	220-240	515	10,911	109	14	Grey	76
Standard - Grey - 60mm Spigot													
CQ100-A5C-00G-60-1	Conquest-100W-LED-AC-6K-Std-Grey-60mm-Optic1	LED	14,656	100	6K	Ra>70	220-240	515	12,897	129	14	Grey	60
CQ100-A5C-00G-76-1	Conquest-100W-LED-AC-6K-Std-Grey-76mm-Optic1	LED	14,656	100	6K	Ra>70	220-240	515	12,897	129	14	Grey	76
CQ100-A5W-00G-60-1	Conquest-100W-LED-AC-3K-Std-Grey-60mm-Optic1	LED	12,399	100	3K	Ra>80	220-240	515	10,911	109	14	Grey	60
Standard - Grey - Nema Socket - 76mm Spigot													
CQ100-A5N-06G-76-1	Conquest-100W-LED-AC-4K-Std-NemaSocket-Grey-76mm-Optic1	LED	14,656	100	4K	Ra>70	220-240	515	12,897	129	14.25	Grey	76
CQ100-A5W-06G-76-1	Conquest-100W-LED-AC-3K-Std-NemaSocket-Grey-76mm-Optic1	LED	12,399	100	3K	Ra>80	220-240	515	10,911	109	14.25	Grey	76
CQ100-A5C-20G-76-1	Conquest-100W-LED-AC-6K-Std-NemaSocket-Grey-76mm-Optic1	LED	14,656	100	6K	Ra>70	220-240	515	12,897	129	14.25	Grey	76
Standard - Grey - Nema Socket - 60mm Spigot													
CQ100-A5C-06G-60-1	Conquest-100W-LED-AC-6K-Std-NemaSocket-Grey-60mm-Optic1	LED	14,656	100	6K	Ra>70	220-240	515	12,897	129	14.25	Grey	60
CQ100-A5N-06G-60-1	Conquest-100W-LED-AC-4K-Std-NemaSocket-Grey-60mm-Optic1	LED	14,656	100	4K	Ra>70	220-240	515	12,897	129	14.25	Grey	60
CQ100-A5W-06G-60-1	Conquest-100W-LED-AC-3K-Std-NemaSocket-Grey-60mm-Optic1	LED	12,399	100	3K	Ra>80	220-240	515	10,911	109	14.25	Grey	60

(table continued overleaf)

Specifications (Continued)

Conquest 100W

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													
CQ100-A5C-20G-76-1	Conquest-100W-LED-AC-6K-Dali-Grey-76mm-Optic1	LED	14,656	100	6K	Ra>70	220-240	515	12,897	129	14	Grey	76
CQ100-A5N-20G-76-1	Conquest-100W-LED-AC-4K-Dali-Grey-76mm-Optic1	LED	14,656	100	4K	Ra>70	220-240	515	12,897	129	14	Grey	76
CQ100-A5W-20G-76-1	Conquest-100W-LED-AC-3K-Dali-Grey-76mm-Optic1	LED	12,399	100	3K	Ra>80	220-240	515	10,911	109	14	Grey	76
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CQ100-A5W-20G-60-1	Conquest-100W-LED-AC-3K-Dali-Grey-60mm-Optic1	LED	12,399	100	3K	Ra>80	220-240	515	10,911	109	14	Grey	60
Dali - Grey - Nema Socket - 76mm Spigot													
CQ100-A5C-26G-76-1	Conquest-100W-LED-AC-6K-Dali-NemaSocket-Grey-76mm-Optic1	LED	14,656	100	6K	Ra>70	220-240	515	12,897	129	14.25	Grey	76
CQ100-A5N-26G-76-1	Conquest-100W-LED-AC-4K-Dali-NemaSocket-Grey-76mm-Optic1	LED	14,656	100	4K	Ra>70	220-240	515	12,897	129	14.25	Grey	76
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Legend: **Std** = Standard. **Dali** = Dali Driver.

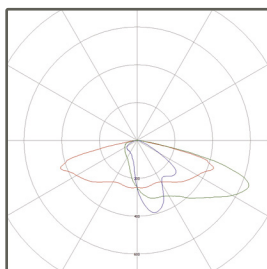
3K = Warm White (3000K). **4K** = Neutral White (4000K). **6K** = Cool White (6000K). **WW** = Warm White. **NW** = Neutral White. **CW** = Cool White.

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

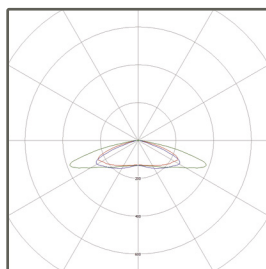
Optic 2 = Change '-1' to '-2'. **Optic 3** = Change '-1' to '-3'.

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

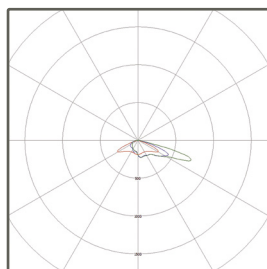
Photometric Data



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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Need a Lighting Design?

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Disclaimer: Information correct at the time of publication; V220912.