

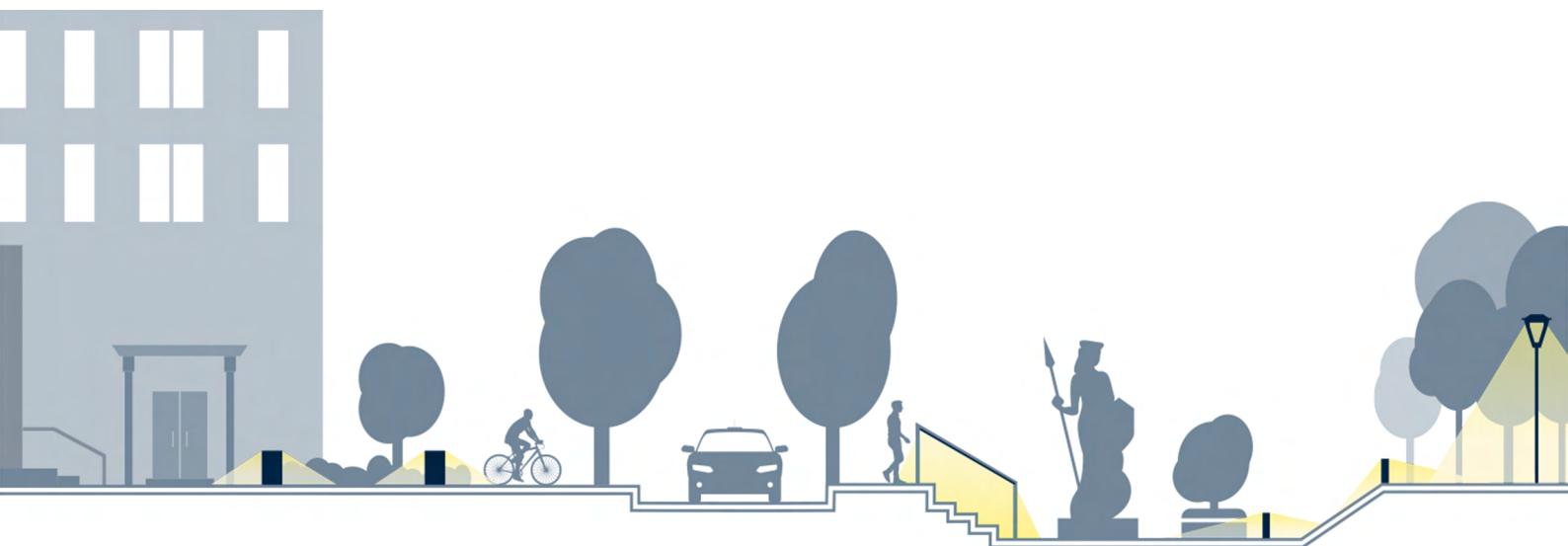
THORN

LIGHTING



CHARTOR

Classic & timeless



CHARTOR

Classic and timeless

- Suitable for a wide range of applications thanks to two lighting distributions. The LED2000 is maximised for performance, the LED800 LUC models are optimised for comfort with limited upward waste light
- Two mounting types: base plate (MPL) and ground (MGR)
- Simply order one post and one head for a complete bollard
- LED refurbishment possibilities: the LED head can easily be mounted onto all Chartor bollard posts, providing a low power, low maintenance luminaire.



A timeless bollard offering modest visual guidance and comfortable white light with minimal glare due to the semi-opal anti-UV PC diffuser

APPLICATIONS



URBAN
AREAS



OUTDOOR



WALKING
PATH



CORROSION
RESISTANCE

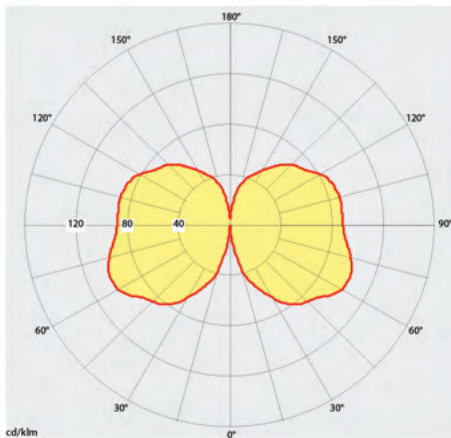


UV
RESISTANT

BETTER LIGHT

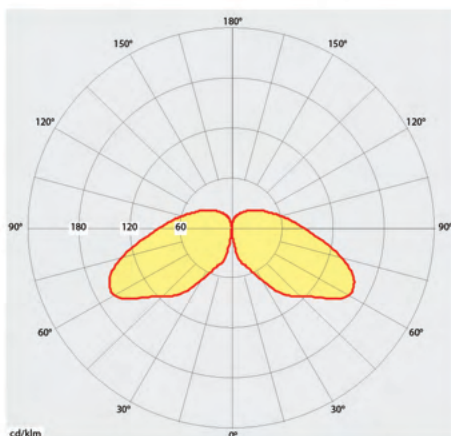
BETTER LIFE

URBAN LIFE LIGHTING



Standard LED2000

Luminaire luminous flux: 2216 lm
Luminaire efficacy*: 79 lm/W
Colour Rendering Index min.: 80
Ballast: 1 x 96650156 DRV OS OT 50W
700mA 74V F
Correlated colour temperature: 4000 Kelvin
Chromaticity tolerance (initial MacAdam): 3
Rated median useful life*: L90 50000h at 25°C
Luminaire input power*: 28 W
Dimming: FO



Limited Upward Component LED800

Luminaire luminous flux: 721 lm
Luminaire efficacy*: 26 lm/W
Colour Rendering Index min.: 80
Ballast: 1 x 96650156 DRV OS OT 50W
700mA 74V F
Correlated colour temperature: 4000 Kelvin
Chromaticity tolerance (initial MacAdam): 3
Rated median useful life*: L90 50000h at 25°C
Luminaire input power*: 27.5 W
Dimming: FO

All values marked with an * are rated values. Thorn uses tried and tested components from leading suppliers, however there may be isolated instances of technology-related failures of individual LEDs during the rated product lifetime. International standards set the tolerance in initial flux and connected load at $\pm 10\%$. Unless stated otherwise, the values apply to an ambient temperature of 25°C. In most products the failure of one LED point causes no functional impairment to the lighting performance of the luminaire and is therefore no reason for complaint. Unless otherwise stated all Thorn LED products are suitable for unrestricted use (rated RG0 or RG1) with regard photobiological blue light safety (IEC/EN60598-1).

Thorn Lighting is constantly developing and improving its products. The right is reserved to change specifications without prior notification or public announcement.

CHARTOR

MATERIALS/FINISH

Head: die-cast aluminium unpainted or powder coated black. Other colours available on request.

Lenses: Clear polycarbonate Fresnel lens with semi-frosted internal diffuser.

Post: galvanised steel or powder coated black. Other colours available on request.

INSTALLATION/MOUNTING

Base plate or buried mounting, latter option embeds 450mm into the ground. 250mm base plate version fixed via four Ø15mm holes at 200mm centres. Ø60mm central hole for wiring. Three way terminal block for 2 x 4mm² cable.



LED



IP44



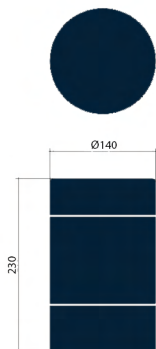
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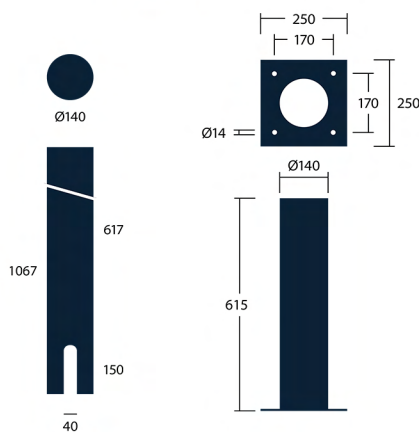
T_a-15
+35



DIMENSIONS



HEAD



MRG

MPL

Description	SAP Code
Chartor Head Black	
CHARTOR HEAD LF LED800-840 LUC S/BLACK	96649333
CHARTOR HEAD LF LED1500-840 SATIN BLACK LED	96646244
Chartor Head Aluminium	
CHARTOR HEAD LF LED800-840 LUC AL	96649335
CHARTOR HEAD LF LED1500-840 AL LED	96646179
Chartor Post Black	
CHARTOR POST MPL BK	96018939
CHARTOR POST MGR BK	96018951
Chartor Post Galvanised	
CHARTOR POST MPL GAL	96031973
CHARTOR POST MGR GAL	96031975

THORN

LIGHTING

GET IN TOUCH

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**5 YEAR
GUARANTEE**