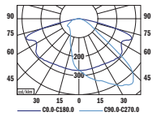
NEW

TORCUS
LENSES
LED

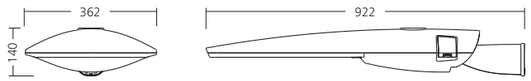
Torcus II L

PHOTOMETRY

TORCUS II L
L01 18,450 lm 4000 K

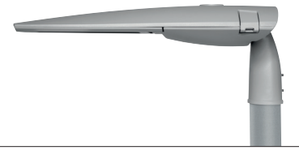


LOR = 100%
lower flux fraction 100%
upper flux fraction 0%



POSSIBLE NEMA SOCKET

MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C)	POWER CONSUMPTION INITIAL	POWER CONSUMPTION END SL*	SYSTEM EFFICACY INITIAL	COLOUR RENDERING INDEX	CORRELATED COLOUR TEMPERATURE	WINDAGE AREA SIDE / TOP	WEIGHT	RECOMENDED MOUNTING HEIGHT	ORDER CODE		
	(lm)	(W)	(W)	(lm/W)	CRI (Ra)	CCT (K)	(m²)	(kg)	(m)	ECC	EDO	EPO
TORCUS II L	18,300	115	125	159	70+	3000	0.185/0.254	13.0	8-12	818001	818033	818017
TORCUS II L	19,200	115	125	167	70+	4000	0.185/0.254	13.0	8-12	818009	818041	818025
TORCUS II L	19,400	124	135	156	70+	3000	0.185/0.254	13.3	8-12	818002	818034	818018
TORCUS II L	20,300	124	135	164	70+	4000	0.185/0.254	13.3	8-12	818010	818042	818026
TORCUS II L	20,150	130	141	155	70+	3000	0.185/0.254	13.3	8-12	818003	818035	818019
TORCUS II L	21,100	130	141	162	70+	4000	0.185/0.254	13.3	8-12	818011	818043	818027
TORCUS II L	21,300	140	152	152	70+	3000	0.185/0.254	13.4	8-12	818004	818036	818020
TORCUS II L	22,300	140	152	159	70+	4000	0.185/0.254	13.4	8-12	818012	818044	818028
TORCUS II L	23,300	149	162	156	70+	3000	0.185/0.254	13.4	8-12	818005	818037	818021
TORCUS II L	24,400	149	162	164	70+	4000	0.185/0.254	13.4	8-12	818013	818045	818029
TORCUS II L	24,100	156	169	154	70+	3000	0.185/0.254	13.4	8-12	818006	818038	818022
TORCUS II L	25,250	156	169	162	70+	4000	0.185/0.254	13.4	8-12	818014	818046	818030
TORCUS II L	26,750	167	181	160	70+	3000	0.185/0.254	13.5	8-12	818007	818039	818023
TORCUS II L	28,000	167	181	168	70+	4000	0.185/0.254	13.5	8-12	818015	818047	818031
TORCUS II L	27,900	176	191	159	70+	3000	0.185/0.254	13.5	10-15	818008	818040	818024
TORCUS II L	29,200	176	191	166	70+	4000	0.185/0.254	13.5	10-15	818016	818048	818032

Luminous flux tolerance +/- 10%
* Service Lifetime

220-240V 50-60Hz · LED · CRI 70+ Ra · CCT 3000 K · CCT 4000 K · ECC ECG + CLO · EDO DALI + CLO · EPO INT DIM+CLO · IP 66 · IK 08 · EN 27

on request

EN

Mounting
Pole-top/side entry installation (PMT)
Optical system
Lenses (L01)
On request: L02, L03, L04, L05, L06, L08, L09, L10, L11, L12, L18
Wiring
Electronic control gear FIX/DALI/INT DIM + CONSTANT LUMEN OUTPUT (ECC/EDO/EPO)
External lead-in flexible cable
Materials
Housing: die-cast aluminium
Cover: transparent hardened glass
Tiltable spigot: die-cast aluminium
Surface finish
Housing: grey RAL 9006 (G06)
Service lifetime
100,000 hours/L100/B10 (ta 25°C)
Ambient temperature
From -40 °C to +40 °C

DE

Montage
Aufsatz- /Seitenansatz-Installation (PMT)
Optisches System
Linsen (L01)
Auf Anfrage: L02, L03, L04, L05, L06, L08, L09, L10, L11, L12, L18
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI/ INT DIM + CONSTANT LUMEN OUTPUT (ECC/EDO/EPO)
Externes Anschlusskabel
Material
Körper: Aluminiumdruckguss
Abdeckung: durchsichtiger gehärteter Glas
Schwenkbarer Zapfen: Aluminiumdruckguss
Oberflächenveredelung
Körper: grau RAL 9006 (G06)
Lebensdauer
100,000 Stunden/L100/B10 (ta 25°C)
Umgebungstemperatur
Von -40 °C bis +40 °C

FR

Montage
Installation supérieur du pôle/d'entrée latérale (PMT)
Système optique
Lentilles (L01)
Sur demande: L02, L03, L04, L05, L06, L08, L09, L10, L11, L12, L18
Équipement électrique
Ballast électronique FIX/DALI/INT DIM + CONSTANT LUMEN OUTPUT (ECC/EDO/EPO)
Artère externe
Matériels
Corps: aluminium moulé sous pression
Couvercle: verre trempé transparente
Ergot inclinable: aluminium moulé sous pression
Finition de surface
Corps: gris RAL 9006 (G06)
Durée de vie utile
100,000 heures/L100/B10 (ta 25°C)
Température ambiante
De -40 °C à +40°C

SK

Montáž
Montáž na stĺp/zo strany (PMT)
Optický systém
Šošovky (L01)
Na požiadanie: L02, L03, L04, L05, L06, L08, L09, L10, L11, L12, L18
Elektrická výbava
Elektronický predradník FIX/DALI/INT DIM + CONSTANT LUMEN OUTPUT (ECC/EDO/EPO)
Prívodný napájací kábel
Materiál
Teleso: hliníkový odliatok
Kryt: transparentné tvrdené sklo
Sklopný nástavec: hliníkový odliatok
Povrchová úprava
Teleso: šedá RAL 9006 (G06)
Servisná životnosť
100,000 hodín/L100/B10 (ta 25°C)
Teplota okolia
Od -40 °C do +40 °C

ES

Montaje
Instalación en poste superior/de acceso lateral (PMT)
Sistema óptico
Lentes (L01)
A petición: L02, L03, L04, L05, L06, L08, L09, L10, L11, L12, L18
Cableado
Equipo de control electronico FIX/DALI/INT DIM + CONSTANT LUMEN OUTPUT (ECC/EDO/EPO)
Cable alimentador externo
Material
Cuerpo: aluminio moldeado
Cubierta: cristal endurecido transparente
Espiga inclinable: aluminio moldeado
Tratamiento de la superficie
Cuerpo: grigio RAL 9006 (G06)
Vida útil
100,000 horas/L100/B10 (ta 25°C)
Temperatura ambiente
Desde -40 °C a +40 °C

IT

Installazione
Installazione testa palo/ingresso laterale (PMT)
Sistema ottico
Lenti (L01)
Su richiesta: L02, L03, L04, L05, L06, L08, L09, L10, L11, L12, L18
Cablaggio
Ballast elettronico FIX/DALI/INT DIM + CONSTANT LUMEN OUTPUT (ECC/EDO/EPO)
Cavetto di alimentazione esterno
Materiali
Corpo: pressofusione di alluminio
Copertura: vetro temperato trasparente
Perno inclinabile: pressofusione di alluminio
Finitura
Corpo: grigio RAL 9006 (G06)
Durata di vita
100,000 ore/L100/B10 (ta 25°C)
Temperatura d'ambiente
Da -40 °C a +40 °C

RU

Установка
Установка на верхушке мачты / со стороны входа (PMT)
Оптическая система
Линзы (L01)
По запросу: L02, L03, L04, L05, L06, L08, L09, L10, L11, L12, L18
Электрическое оснащение
Электронный аппарат FIX/DALI/INT DIM + CONSTANT LUMEN OUTPUT (ECC/EDO/EPO)
Внешний свинца в гибком кабеле
Материал
Корпус: литой алюминий
Крышка: чистое закаленное стекло
Поворотный патрубок: литой алюминий
Отделка поверхности
Корпус: серый RAL 9006 (G06)
Срок службы
100,000 часов/L100/B10 (ta 25°C)
Температура окружающей среды
От -40 °C до +40 °C

OMS

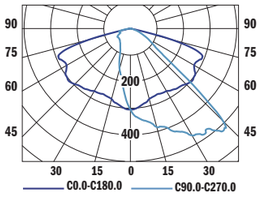
5 YEARS WARRANTY · MAINTENANCE FREE · ECO FRIENDLY · ENERGY SAVING · UV/IR · EEC A++/A+/A

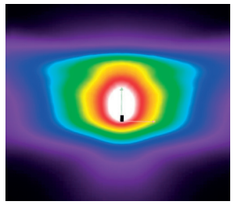
OPTIC
LENSES

Low-glare lens optics that deliver any of 12 different LIDCs means there is a TORCUS for any application – from roads and pavements through squares and paths to junctions and pedestrian crossings.

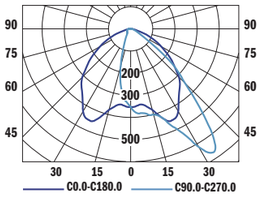
Optical system has been carefully designed by experienced optical engineers to ensure its suitability for areas where glare control is important according to Luminous Intensity Classification EN 13201-1 Appendix A1.

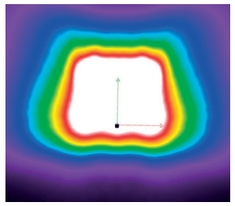
LO1
Determined for the illumination of streets with or without pavements. Light is distributed in front and to the sides of the luminaire, but not behind so as to minimise light pollution.



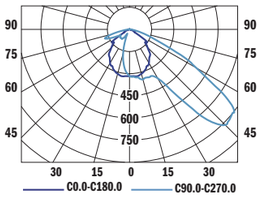


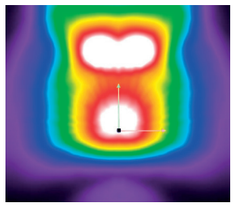
LO2
Determined for the illumination of wide streets or similar areas. Light is distributed predominantly in front of the luminaire so as to reach further. as to minimise light pollution.



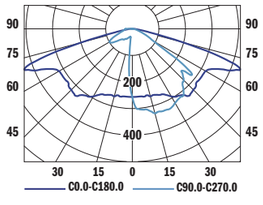


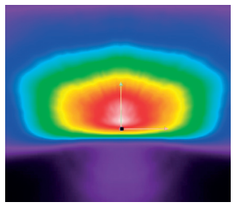
LO3
Determined for the illumination of wide streets or similar areas. Light is distributed predominantly in front of the luminaire so as to reach further.



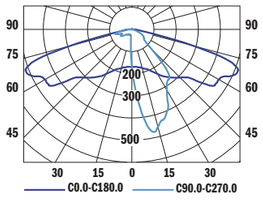


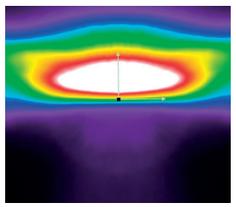
LO4
Determined for the illumination of streets with or without pavements. Light is distributed in front and to the sides of the luminaire, but not behind so as to minimise light pollution.



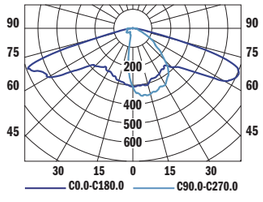


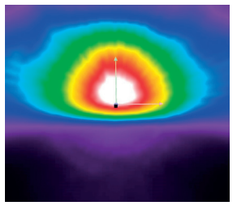
LO5
Determined for the illumination of streets with or without pavements. Light is distributed in front and to the sides of the luminaire, but not behind so as to minimise light pollution.



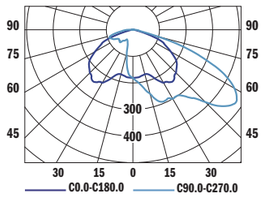


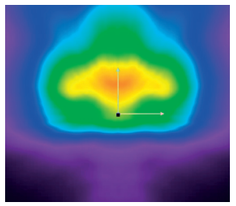
LO6
Determined for the illumination of streets with or without pavements. Light is distributed in front and to the sides of the luminaire, but not behind so as to minimise light pollution.



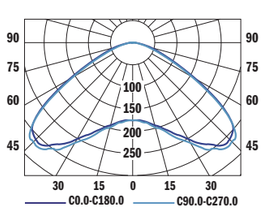


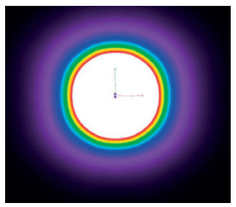
LO8
Determined for the illumination of streets with or without pavements. Light is distributed in front and to the sides of the luminaire, but not behind so as to minimise light pollution.



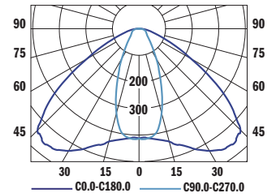


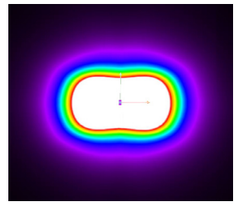
LO9
Determined for the illumination of streets with or without pavements. Light is distributed in front
Determined for the illumination of open spaces such as squares and parks. Light is distributed in all directions.



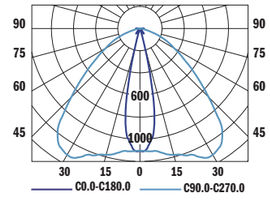


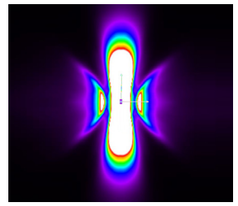
L10
Determined for the illumination of open spaces such as squares and parks. Light is distributed in all directions.



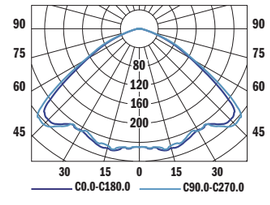


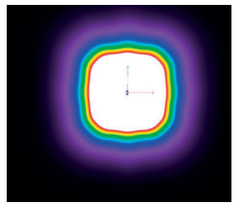
L11
Determined for the illumination of pathways where luminaires are located centrally. Light is distributed to either side of the luminaire.





L12
Determined for the illumination of open spaces such as squares and parks. Light is distributed in all directions.





L18
DetermiDetermined for the illumination of pedestrian crossings. Light is focused on waiting and crossing pedestrians, and not elsewhere on the street or pavement, to maximise contrast and identification.