

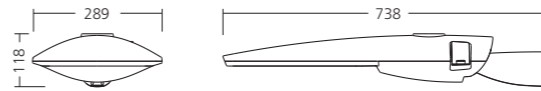
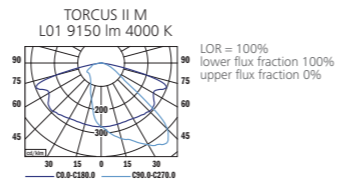
NEW

TORCUS
LENSES
LED



Torcus II M

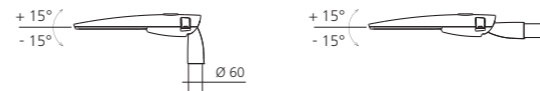
PHOTOMETRY



POSSIBLE NEMA SOCKET



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION INITIAL (W)	POWER CONSUMPTION END SL* (W)	SYSTEM EFFICACY INITIAL (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	WINDAGE AREA SIDE / TOP (m²)	WEIGHT (kg)	RECOMMENDED MOUNTING HEIGHT (m)	ORDER CODE		
										ECC	EDO	EPO
TORCUS II M	7200	48	52	150	70+	3000	0.147/0.165	7.5	7-10	816001	816021	816041
TORCUS II M	7550	48	52	157	70+	4000	0.147/0.165	7.5	7-10	816002	816022	816042
TORCUS II M	8700	55	60	158	70+	3000	0.147/0.165	7.5	7-10	816003	816023	816043
TORCUS II M	9150	55	60	166	70+	4000	0.147/0.165	7.5	7-10	816004	816024	816044
TORCUS II M	9750	64	69	152	70+	3000	0.147/0.165	7.5	8-12	816005	816025	816045
TORCUS II M	10,200	64	69	159	70+	4000	0.147/0.165	7.5	8-12	816006	816026	816046
TORCUS II M	10,650	71	78	150	70+	3000	0.147/0.165	7.6	8-12	816007	816027	816047
TORCUS II M	11,150	71	78	157	70+	4000	0.147/0.165	7.6	8-12	816008	816028	816048
TORCUS II M	12,550	83	90	151	70+	3000	0.147/0.165	7.6	8-12	816009	816029	816049
TORCUS II M	13,150	83	90	158	70+	4000	0.147/0.165	7.6	8-12	816010	816030	816050
TORCUS II M	13,700	90	98	152	70+	3000	0.147/0.165	7.7	8-12	816011	816031	816051
TORCUS II M	14,350	90	98	159	70+	4000	0.147/0.165	7.7	8-12	816012	816032	816052
TORCUS II M	15,150	99	108	153	70+	3000	0.147/0.165	7.7	8-12	816013	816033	816053
TORCUS II M	15,850	99	108	160	70+	4000	0.147/0.165	7.7	8-12	816014	816034	816054
TORCUS II M	16,750	107	116	157	70+	3000	0.147/0.165	7.8	8-12	816015	816035	816055
TORCUS II M	17,550	107	116	164	70+	4000	0.147/0.165	7.8	8-12	816016	816036	816056
TORCUS II M	17,800	115	125	155	70+	3000	0.147/0.165	7.8	8-12	816017	816037	816057
TORCUS II M	18,650	115	125	162	70+	4000	0.147/0.165	7.8	8-12	816018	816038	816058
TORCUS II M	18,700	123	134	152	70+	3000	0.147/0.165	7.8	8-12	816019	816039	816059
TORCUS II M	19,600	123	134	159	70+	4000	0.147/0.165	7.8	8-12	816020	816040	816060

Luminous flux tolerance +/- 10%
* Service Lifetime



220-240V 50-60Hz, LED, CCT 4000 K, EEC, EDO, EPO, IP 66, IK 09, 27

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
Tilttable 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 +35 °C (115/123W)
From -40 °C to +40 °C (other versions)

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 +35 °C (115/123W)
Von -40 °C bis +40 °C (Andere Versionen)

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 +35 °C (115/123W)
De -40 °C à +40 °C (autres versions)

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
Material
Teleso: hliníkový odliatok
Kryt: transparentné tvrdené sklo
Sklopný nástavec: hliníkový odliatok
Povrchová úprava
Corpus: šedá RAL 9006 (G06)
Servisná životnosť
100,000 hodín/L100/B10 (ta 25°C)
Teplota okolia
Od -40 °C do +35 °C (115/123W)
Od -40 °C do +40 °C (iné verzie)

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 electrónico 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
Corpo: grigio RAL 9006 (G06)
Vida útil
100,000 horas/L100/B10 (ta 25°C)
Temperatura ambiente
Desde -40 °C a +35 °C (115/123W)
Desde -40 °C a +40 °C (otras versiones)

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 +35 °C (115/123W)
Da -40 °C a +40 °C (altre versioni)

RU

Установка
Установка на верхушке мачты / со стороны ввода (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 патрубков: 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 +35 °C (115/123W)
От -40 °C до +40 °C (другие версии)



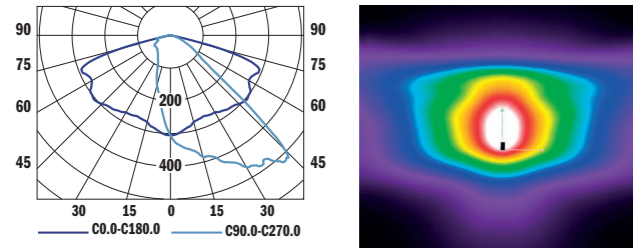
THE MANUFACTURER CONTINUES TO DEVELOP PRODUCTS THROUGHOUT THEIR LIFETIME. THEREFORE, THE COMPANY RESERVES THE RIGHT TO MODIFY MATERIALS, COMPONENTS, AND TECHNICAL PARAMETERS WITHOUT NOTICE. LUMINOUS OUTPUT AND ELECTRICAL LOAD HAVE AN INITIAL TOLERANCE OF +/- 10% FROM NOMINAL. FAILURE OF ONE LED LIGHT POINT WITHIN A LUMINAIRE DOES NOT IMPAIR FUNCTIONAL PERFORMANCE AND SO IS NOT CLASSIFIED AS REASON FOR COMPLAINT.

COMMERCIAL LED LUMINAIRES

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.

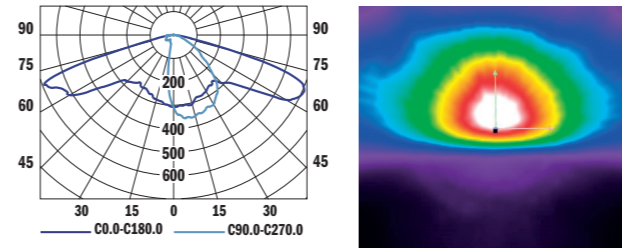


L01
Determined for the illumination of streets with or without pavements. Light is distributed in front and to the sides of the luminaire, but not behind so as to minimise light pollution.

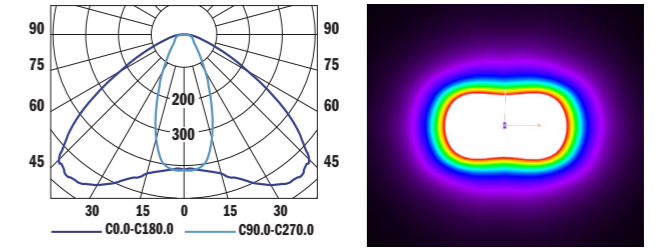


Optical system has been carefully designed by experienced optical engineers to ensure its suitability for areas where glare control is important according to Luminous Intensity Classification EN 13201-1 Appendix A1.

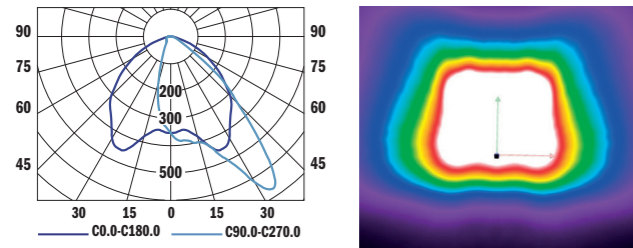
L06
Determined for the illumination of streets with or without pavements. Light is distributed in front and to the sides of the luminaire, but not behind so as to minimise light pollution.



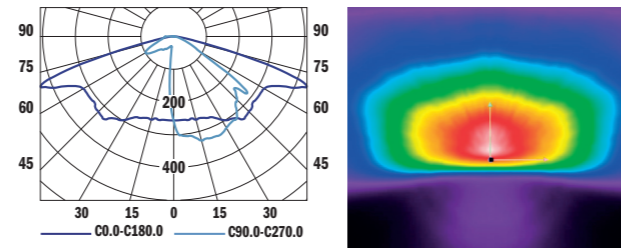
L10
Determined for the illumination of open spaces such as squares and parks. Light is distributed in all directions.



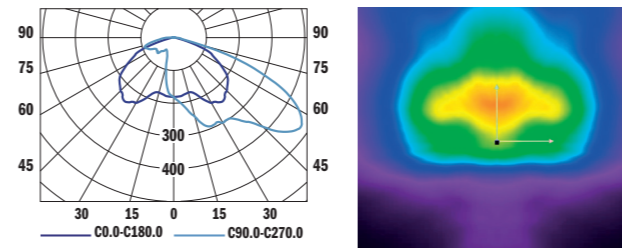
L02
Determined for the illumination of wide streets or similar areas. Light is distributed predominantly in front of the luminaire so as to reach further, as to minimise light pollution.



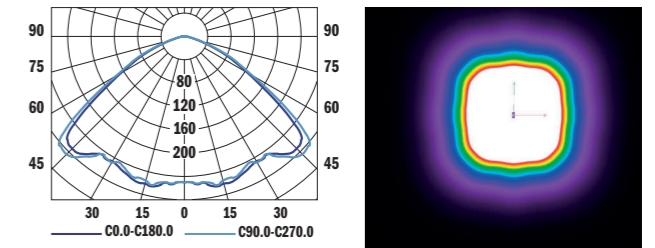
L04
Determined for the illumination of streets with or without pavements. Light is distributed in front and to the sides of the luminaire, but not behind so as to minimise light pollution.



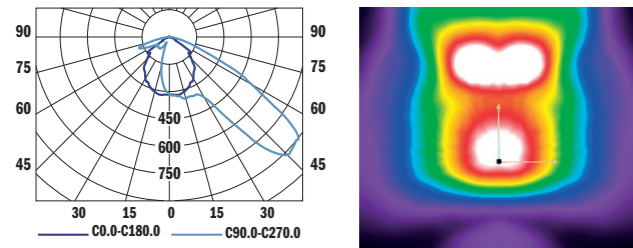
L08
Determined for the illumination of streets with or without pavements. Light is distributed in front and to the sides of the luminaire, but not behind so as to minimise light pollution.



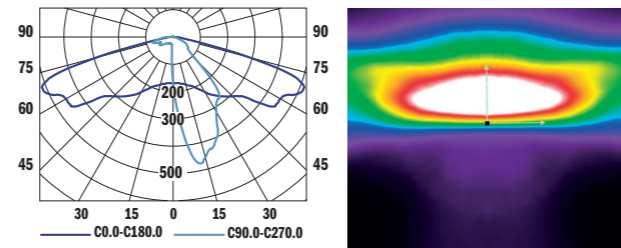
L12
Determined for the illumination of open spaces such as squares and parks. Light is distributed in all directions.



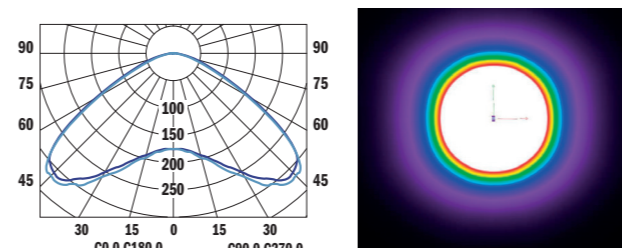
L03
Determined for the illumination of wide streets or similar areas. Light is distributed predominantly in front of the luminaire so as to reach further.



L05
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.



L09
Determined for the illumination of open spaces such as squares and parks. Light is distributed in all directions.



L18
Determined 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.

