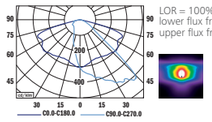
# Semai

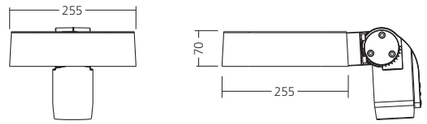
PHOTOMETRY



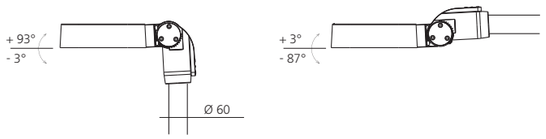

LOR = 100%
lower flux fraction 100%
upper flux fraction 0%



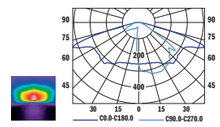
SEMAI
L01 5100 lm 4000 K



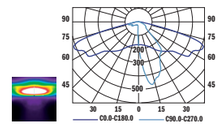

MOUNTING



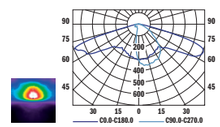

L04




L05




L06




| TYPE | NET LUMEN OUTPUT (at Ta = 25 °C) | POWER CONSUMPTION | SYSTEM EFFICACY | COLOUR RENDERING INDEX | CORRELATED COLOUR TEMPERATURE | WINDAGE AREA SIDE / TOP | WEIGHT | RECOMENDED MOUNTING HEIGHT | REPLACEMENT OF STANDARD | ORDER CODE | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (lm) | (W) | (lm/W) | CRI (Ra) | CCT (K) | ($m^2$) | (kg) | (m) | | ECG | EDA | EDB | EDP |
| SEMAI | 3050 | 27 | 113 | 70+ | 4000 | 0.018/0.062 | 7.4 | 5-8 | HPS 70 W | 804025 | 804026 | 804027 | 804028 |
| SEMAI | 4100 | 36 | 114 | 70+ | 4000 | 0.018/0.062 | 7.4 | 5-8 | HPS 70 W | 804021 | 804022 | 804023 | 804024 |
| SEMAI | 5100 | 45 | 113 | 70+ | 4000 | 0.018/0.062 | 7.4 | 5-8 | HPS 70 W | 804017 | 804018 | 804019 | 804020 |
| SEMAI | 6150 | 54 | 114 | 70+ | 4000 | 0.018/0.062 | 7.9 | 7-10 | HPS 70 W | 804013 | 804014 | 804015 | 804016 |
| SEMAI | 7150 | 63 | 113 | 70+ | 4000 | 0.018/0.062 | 7.9 | 7-10 | HPS 100 W | 804009 | 804010 | 804011 | 804012 |
| SEMAI | 9200 | 80 | 115 | 70+ | 4000 | 0.018/0.062 | 7.9 | 7-10 | HPS 100 W | 804005 | 804006 | 804007 | 804008 |
| SEMAI | 11,100 | 105 | 106 | 70+ | 4000 | 0.018/0.062 | 7.9 | 8-12 | HPS 150 W | 804001 | 804002 | 804003 | 804004 |

Luminous flux tolerance +/- 10%

220-240V 50-60Hz · LED · CRI 70+ Ra · CCT 4000 K · ECG · EDA DALI · EDB 100/50 % · EDP INT DIM · IP 66 · IK 08

**EN**

**Mounting**
Pole-top/side entry installation (PMT)
**Optical system**
Lenses (L01)
On request: L04, L05, L06, L08, L09, L10, L12
**Wiring**
Electronic control gear FIX/DALI/STEP DIM/ INT DIM (ECG/EDA/EDB/EDP)
External lead-in flexible cable
**Materials**
Housing: die-cast aluminium
Cover: transparent hardened glass
Frame: sheet steel
Tiltable spigot: die cast aluminium (on request ø76)
**Surface finish**
Housing: grey RAL 9006 (G06)
**Service lifetime**
100,000 hours/L90/B10 (ta 25°C) - other versions
100,000 hours/L90/B20 (ta 25°C) - 80W
100,000 hours/L80/B20 (ta 25°C) - 105W
**Ambient temperature**
From -40 °C to +40 °C

**DE**

**Montage**
Aufsatz- /Seitenansatz-Installation (PMT)
**Optisches System**
Linsen (L01)
Auf Anfrage: L04, L05, L06, L08, L09, L10, L12
**Vorschaltgerät**
Elektronisches Vorschaltgerät FIX/DALI/ STEP DIM/ INT DIM (ECG/EDA/EDB/EDP)
Externes Anschlusskabel
**Material**
Körper: Aluminiumdruckguss
Abdeckung: durchsichtiger gehärteter Glas
Rahmen: Stahlblech
Schwenkbarer Zapfen: Aluminiumdruckguss (Auf Anfrage ø76)
**Oberflächenveredelung**
Körper: grau RAL 9006 (G06)
**Lebensdauer**
100,000 Stunden/L90/B10 (ta 25°C) - Andere Versionen
100,000 Stunden/L90/B20 (ta 25°C) - 80W
100,000 Stunden/L80/B20 (ta 25°C) - 105W
**Umgebungstemperatur**
Von -40 °C bis +40 °C

**FR**

**Montage**
Installation supérieur du pôle/d'entrée latérale (PMT)
**Système optique**
Lentilles (L01)
Sur demande: L04, L05, L06, L08, L09, L10, L12
**Équipement électrique**
Ballast électronique FIX/DALI/ STEP DIM/INT DIM (ECG/EDA/EDB/EDP)
Artére externe
**Matériels**
Corps: aluminium moulé sous pression
Couvercle: verre trempé transparente
Cadre: tôle d'acier
Ergot inclinable: aluminium moulé sous pression (sur demande ø76)
**Finition de surface**
Corps: gris RAL 9006 (G06)
**Durée de vie utile**
100,000 heures/L90/B10 (ta 25°C) - autres versions
100,000 heures/L90/B20 (ta 25°C) - 80W
100,000 heures/L80/B20 (ta 25°C) - 105W
**Température ambiante**
De -40 °C à +40 °C

**SK**

**Montáž**
Montáž na stĺp/zo strany (PMT)
**Optický systém**
Šošovky (L01)
Na požiadanie: L04, L05, L06, L08, L09, L10, L12
**Elektrická výbava**
Elektronický predradník FIX/DALI/ STEP DIM/ INT DIM (ECG/EDA/EDB/EDP)
Prívodný napájací kábel
**Materiál**
Teleso: hliníkový odliatok
Kryt: transparentné tvrdené sklo
Rám: oceľový plech
Sklopný nástavec: hliníkový odliatok (na požiadanie ø76)
**Povrchová úprava**
Teleso: šedá RAL 9006 (G06)
**Servisná životnosť**
100,000 hodín/L90/B10 (ta 25°C) - iné verzie
100,000 hodín/L90/B20 (ta 25°C) - 80W
100,000 hodín/L80/B20 (ta 25°C) - 105W
**Teplota okolia**
Od -40 °C do +40 °C

**ES**

**Montaje**
Instalación en poste superior/de acceso lateral (PMT)
**Sistema óptico**
Lentes (L01)
A petición: L04, L05, L06, L08, L09, L10, L12
**Cableado**
Equipo de control electronico FIX/DALI/STEP DIM/ INT DIM (ECG/EDA/EDB/EDP)
Cable alimentador externo
**Material**
Cuerpo: aluminio moldeado
Cubierta: cristal endurecido transparente
Marco: lámina de acero
Espiga inclinable: aluminio moldeado (a petición ø76)
**Tratamiento de la superficie**
Cuerpo: gris RAL 9006 (G06)
**Vida útil**
100,000 horas/L90/B10 (ta 25°C) - otras versiones
100,000 horas/L90/B20 (ta 25°C) - 80W
100,000 horas/L80/B20 (ta 25°C) - 105W
**Temperatura ambiente**
Desde -40 °C a +40 °C

**IT**

**Installazione**
Installazione testa palo/ingresso laterale (PMT)
**Sistema ottico**
Lenti (L01)
Su richiesta: L04, L05, L06, L08, L09, L10, L12
**Cablaggio**
Ballast elettronico FIX/DALI/ STEP DIM/INT DIM (ECG/EDA/EDB/EDP)
Cavetto di alimentazione esterno
**Materiali**
Corpo: pressofusione di alluminio
Copertura: vetro temperato trasparente
Cornice: lamina d'acciaio
Perno inclinabile: pressofusione di alluminio (su richiesta ø76)
**Finitura**
Corpo: grigio RAL 9006 (G06)
**Durata di vita**
100,000 ore/L90/B10 (ta 25°C) - altre versioni
100,000 ore/L90/B20 (ta 25°C) - 80W
100,000 ore/L80/B20 (ta 25°C) - 105W
**Temperatura d'ambiente**
Da -40 °C a +40 °C

**RU**

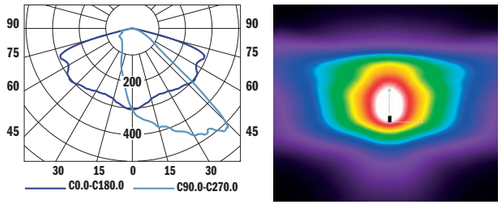
**Установка**
Установка на верхушке мачты / со стороны входа (PMT)
**Оптическая система**
Линзы (L01)
По запросу: L04, L05, L06, L08, L09, L10, L12
**Электрическое оснащение**
Электронный пускорегулирующий аппарат FIX/ DALI/STEP DIM/INT DIM (ECG/EDA/EDB/EDP)
Внешний свинца в гибком кабеле
**Материал**
Корпус: литой алюминий
Крышка: чистое закаленное стекло
Каркас: листовая сталь
Поворотный патрубок: литой алюминий (по запросу ø76)
**Отделка поверхности**
Корпус: серый RAL 9006 (G06)
**Срок службы**
100,000 часов/L90/B10 (ta 25°C) - другие версии
100,000 часов/L90/B20 (ta 25°C) - 80W
100,000 часов/L80/B20 (ta 25°C) - 105W
**Температура окружающей среды**
От -40 °C до +40 °C

UNOLUX EUROPEAN LIGHTING MANUFACTURER

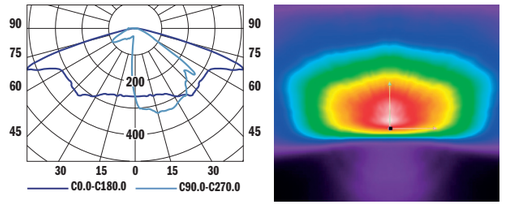
5 YEARS WARRANTY · MAINTENANCE FREE · ECO FRIENDLY · ENERGY SAVING · UV/IR · EEC A++/A+/A

Low-glare lens optics that deliver any of 8 different LIDCs means there is a SEMAI for any application – from roads and pavements through squares and paths to junctions.

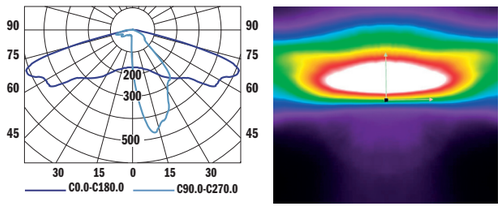
### LO1
Determined for the illumination of streets with or without pavements. Light is distributed in front and to the sides of the luminaire, but not behind so as to minimise light pollution.



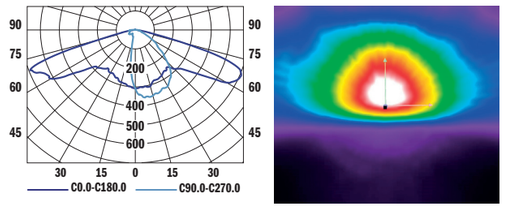

### LO4
Determined for the illumination of streets with or without pavements. Light is distributed in front and to the sides of the luminaire, but not behind so as to minimise light pollution.



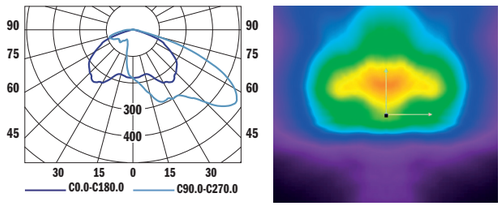

### LO5
Determined for the illumination of streets with or without pavements. Light is distributed in front and to the sides of the luminaire, but not behind so as to minimise light pollution.



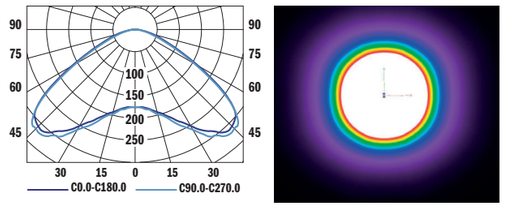

### LO6
Determined for the illumination of streets with or without pavements. Light is distributed in front and to the sides of the luminaire, but not behind so as to minimise light pollution.



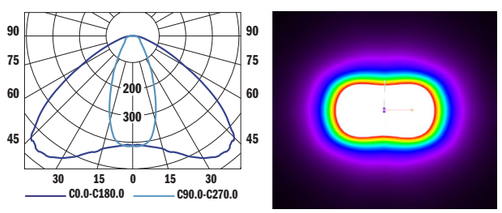

### LO8
Determined for the illumination of streets with or without pavements. Light is distributed in front and to the sides of the luminaire, but not behind so as to minimise light pollution.



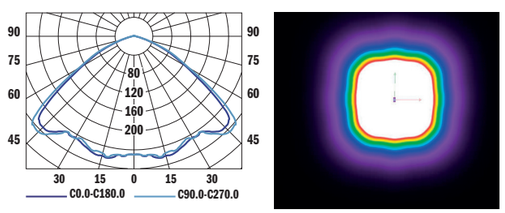

### LO9
Determined for the illumination of streets with or without pavements. Light is distributed in front Determined for the illumination of open spaces such as squares and parks. Light is distributed in all directions.




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




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




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.