

Odyssey



Product information

The Odyssey LED luminaire is a controllable road lighting fitting which is available with different system consumptions up to 100 Watts. It is ideal for efficient lighting of street and roadway applications, walkways, parks & gardens up to 15m high. The advanced LED optical system used in this fixture has improved horizontal and vertical uniformity, reduced glare and improved lighting controls.

Application areas



Residential



Car park



Road & street
Motorways

Driver features

- Electronic, dimmable (DALI) drivers with ClockDIM (C) 17-50W and DynaDIM autonom dimming (Y) 60-103W.
- Minimum dimming level 12W

Structures and materials

- Housing material: die-cast aluminium body, corrosion resistant screws and brackets
- Optic material: aluminium coated polycarbonate
- Optical cover: glass
- Colour: RAL7035

Performance

- Rated luminous flux range: from 1.720 to 9.980 lm at 4000K
- Rated luminaire efficacy: Up to 125lm/W at 4000K.
- Photometric code: 730/559, 740/559, 750/559
- Rated median useful life and the associated rated LM factor L80B50: > 109.000 hours
- Rated abrupt failure value: 11.5 %
- Lumen maintenance code: 8
- Rated ambient temperature (tq) related to performance for a luminaire: 25°C
- Definitions and tolerances according to IEC62722-2-1:2014

Installation and maintenance

Mounting options:

- Side mount \varnothing 30mm-60mm
- Post top \varnothing 30mm-76mm
- Coupler can be adjusted -15°, -10°, -5°, 0°, +5°, +10°, +15° by 5° degree steps
- Weight: 9.5kg
- Recommended mounting height: 4-12m
- Only two hand-tools required for installing the fixture.
- Storage temperature from -30°C to 85°C.
- Ambient temperature from -30°C to +50°C.

Optics

Available photometric distributions:

- Narrow Asymmetric – medium (B)
- Asymmetric – short (C)
- Asymmetric forward – very short (D)
- Asymmetric – medium (E)
- Forward asymmetric – medium (F)
- Narrow asymmetric – short (N)
- Narrow asymmetric with backlight – short (P)
- Narrow asymmetric – medium (R)
- Narrow asymmetric – medium (S)
- Asymmetric – short (T)
- Asymmetric – medium (U)

Rated colour rendering index: >70 at 4000K

Rated correlated colour temperatures*: 3000K, 4000K, 5000K

S/P rating for : 3000K: 1.24, 4000K: 1.47, 5000K: 1.71

ULOR: 0

Rated initial chromaticity co-ordinate values:

- CIE(x=0.43, y=0.403) 5SDCM
- CIE(x= 0.38, y= 0.38) 5SDCM
- CIE(x= 0.34, y= 0.35) 5SDCM

Electrical

Input voltage and frequency: 220-240V, 50-60Hz

Class I: standard

Surge protection: minimum 6kV/3kA

Rated input power: 17W to 103W

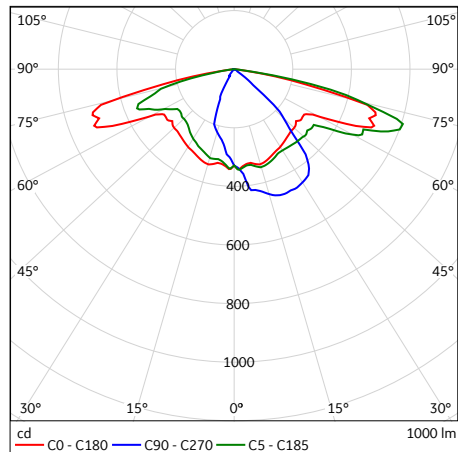
Standards and regulation

CE, ENEC, Directive 2004/108/EC, 2006/95/EC, 2009/125/EC
1194/2012/EU, 2011/65/EC, EN 60598, EN 62471, EN 55015,
EN 61000, EN 62493, EN 61547

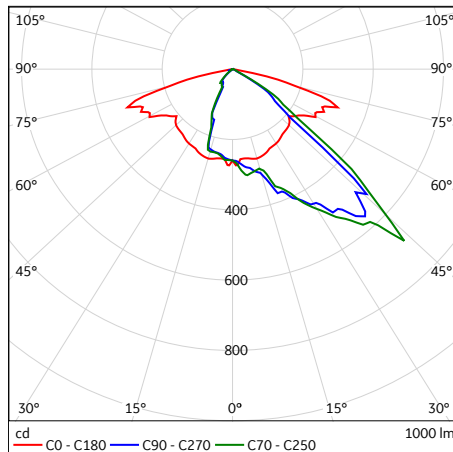
Other options available

Precabing, extra surge protection up to 10kV/5kA
daylight sensor

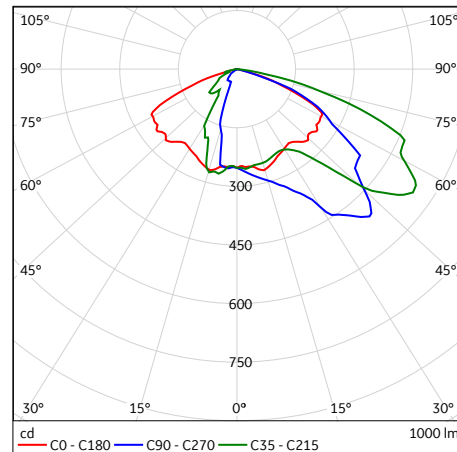
Typical photometrical features



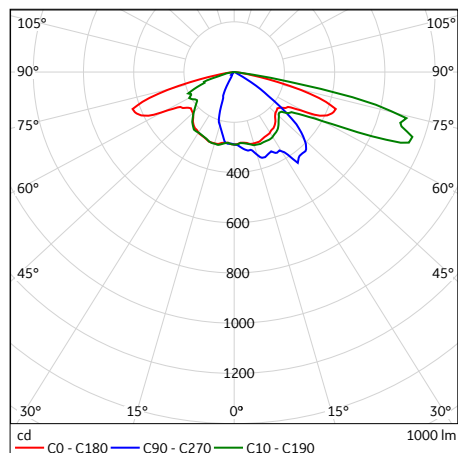
B



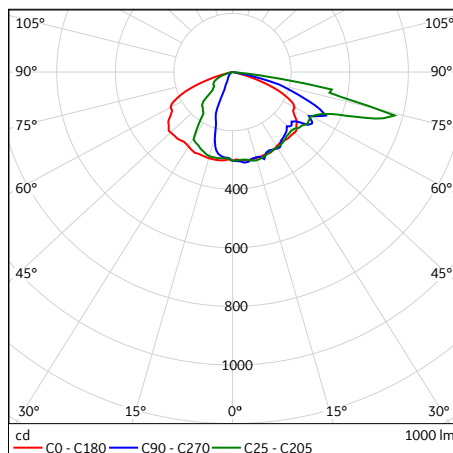
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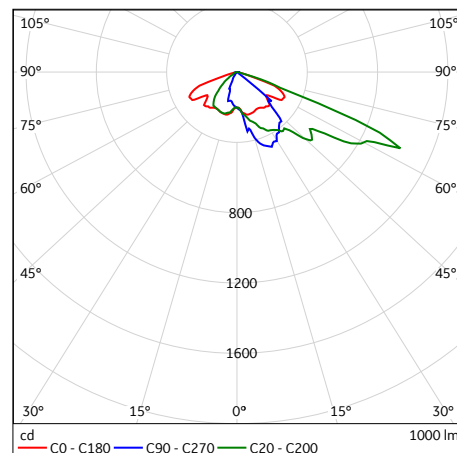
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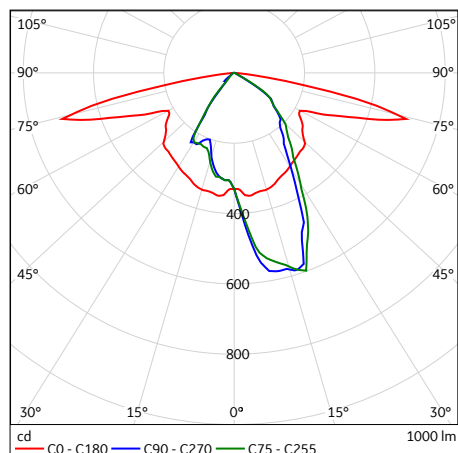
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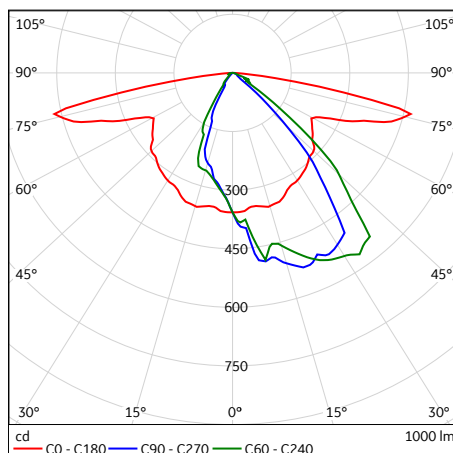
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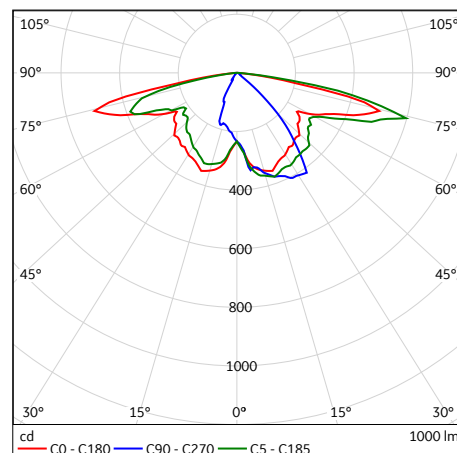
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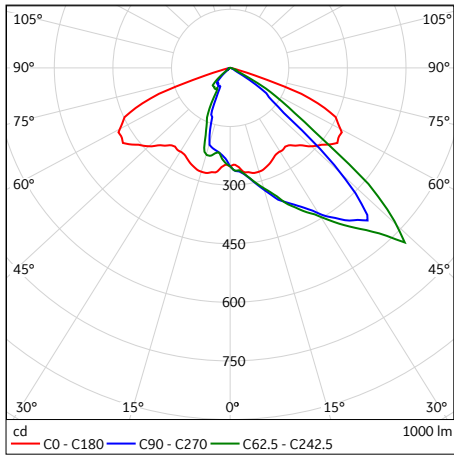
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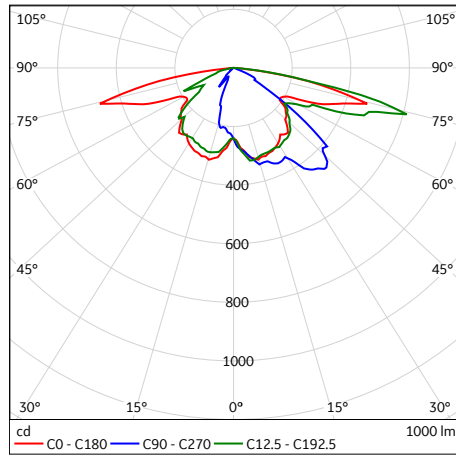
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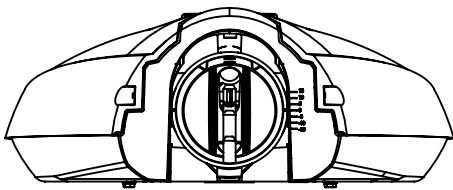
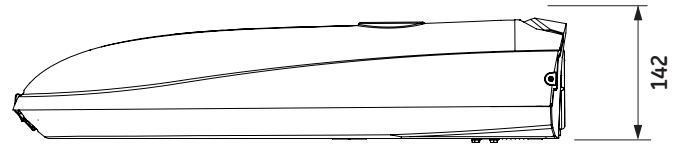
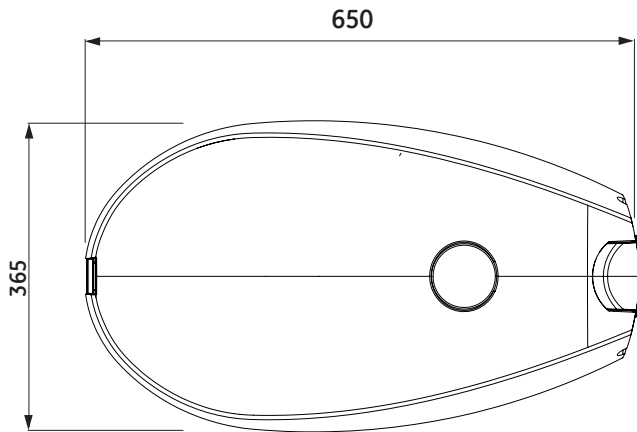


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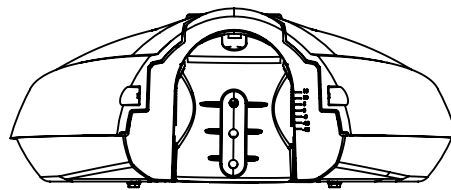


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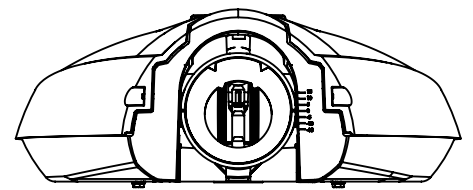
Dimensions (mm)



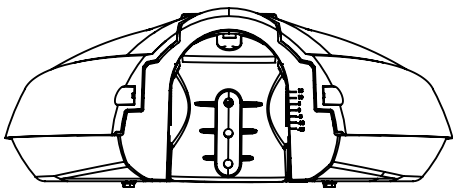
S76 Ø 55-76



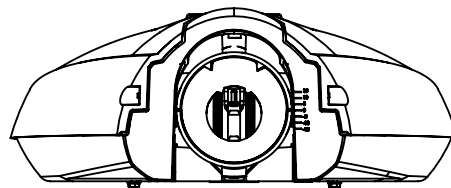
P76 Ø 55-76



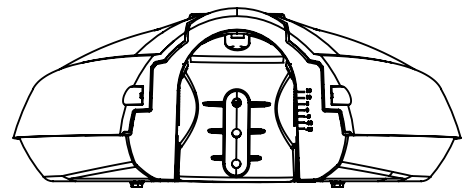
S50 Ø 42-50



P50 Ø 42-50



S35 Ø 30-35



P35 Ø 30-35

Order logic

| Name | Gen. | Front Glass | Optics | Power (W) | CCT (K) | Control | Accessories | IEC Protection Classes | Precabling | Mounting | Color |
|------|------|--------------|---|-----------------------------|-------------------------------|--|---|-------------------------------|--|--|-------|
| ODL | 3 | F-Flat Glass | B C D E F N P R S T U | 60 71 84 94 103 | 30-3000 40-4000 50-5000 | N - No control D - DALI* Y - DynaDim** C - Clockdim** | ST - Standard type M3 - Minicell 35lux* NS - SELC NEMA Socket* LS - Lightgrid NEMA Socket S6 - S6000 Mayflower Socket SP - surge voltage protection F - with Fuse | C1 - Class I C2 - Class II | N - No precabling PXX - Precabling with XX meters | P76 - Post top, 76mm P60 - Post top, 48-60mm S60 - Side mounted, 48-60mm P50 - Post top, 42-50mm S50 - Side mounted, 42-50mm P35 - Post top, 30-35mm S35 - Side mounted, 30-35mm | R7035 |

Example: ODL/3/F/B/103/40/N/ST/C1/N/S60

*MINICELL and NEMA socket are not available together with DALI and only available in Class 1 version

** ClockDIM available only with 17-50W/ Autonom Dimming available only with 60-103W