

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 ø30mm-60mm
- Post top ø30mm-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

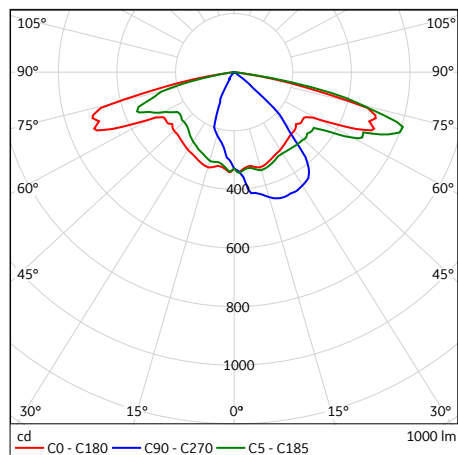
Standards and regulation

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

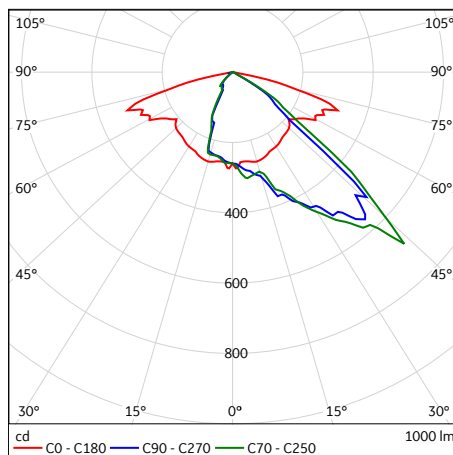
Other options available

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

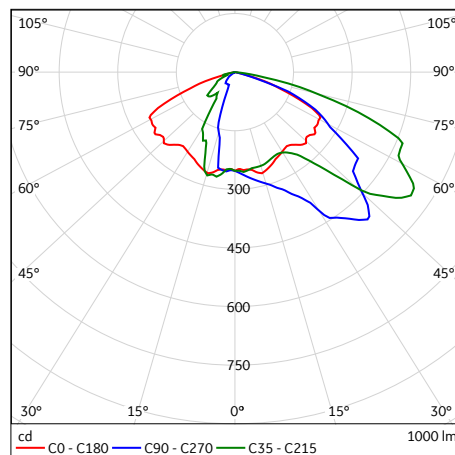
Typical photometrical features



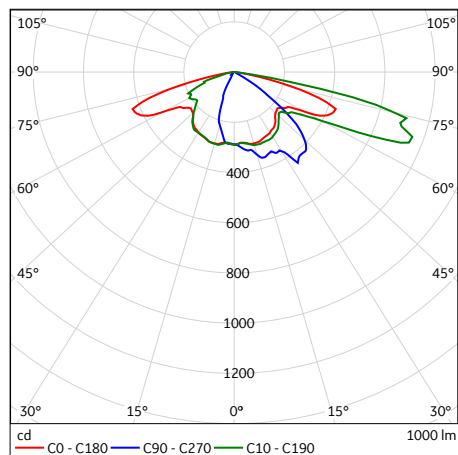
B



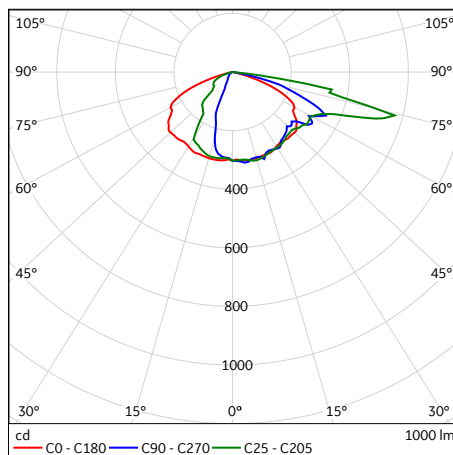
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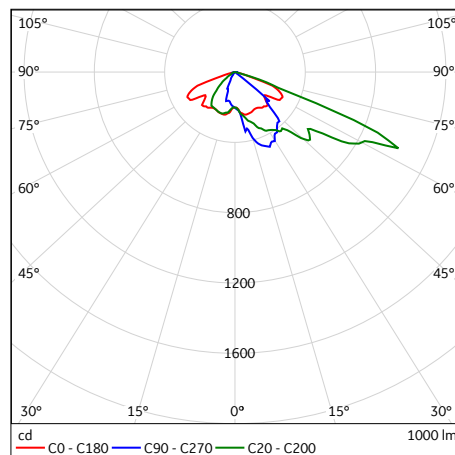
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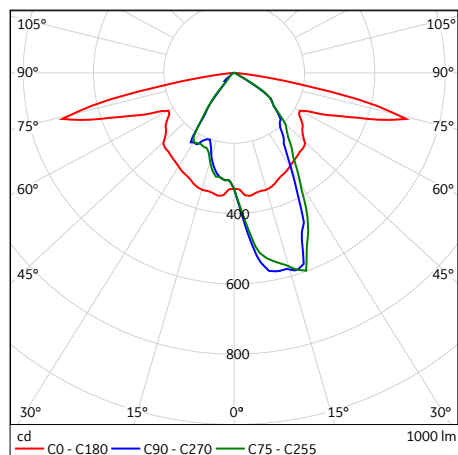
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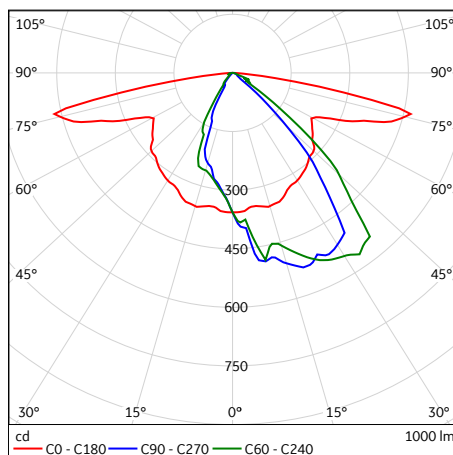
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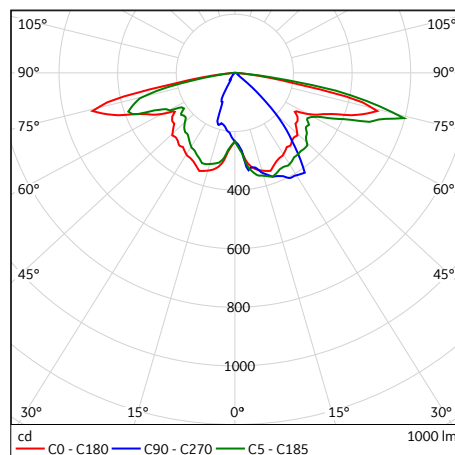
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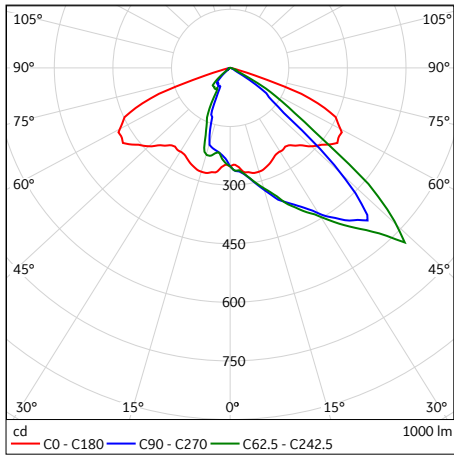
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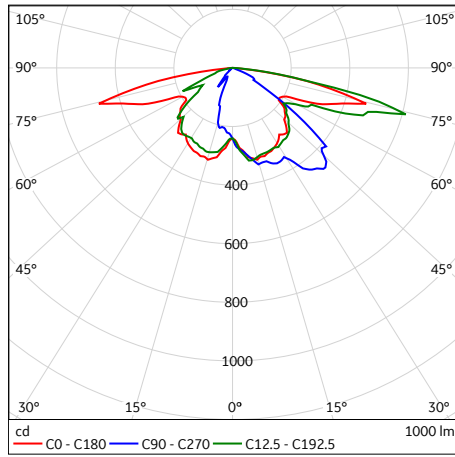
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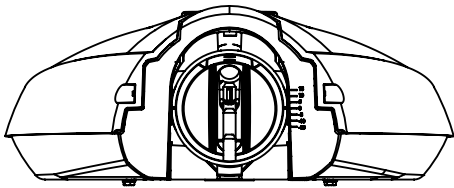
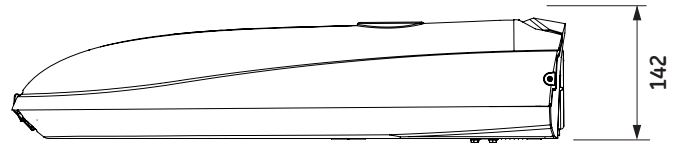
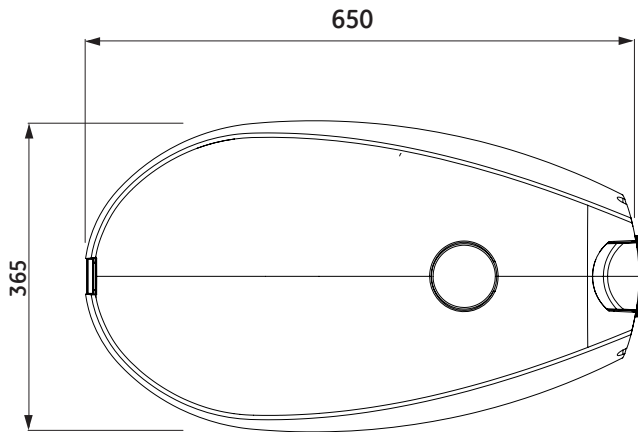


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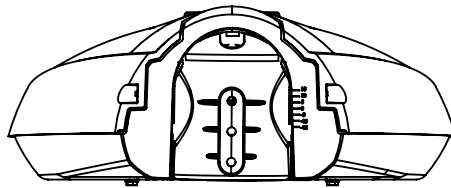


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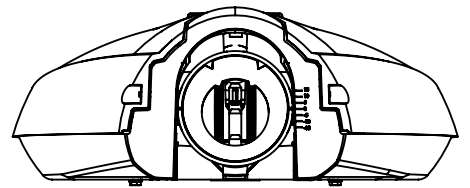
Dimensions (mm)



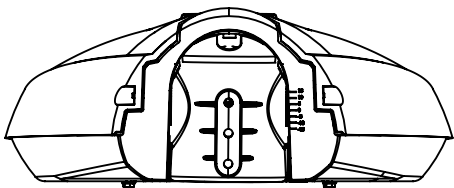
S76 Ø 55-76



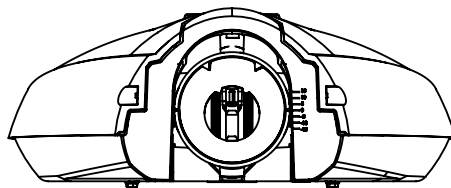
P76 Ø 55-76



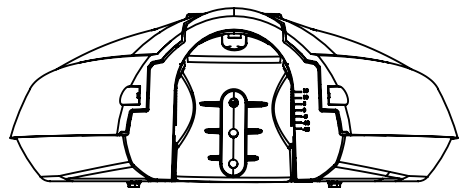
S50 Ø 42-50



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	Precabbling	Mounting	Color	
ODL	3	F-Flat Glass										
			B	15	30-3000 40-4000 50-5000	N - No control	ST - Standard type	C1 - Class I C2 - Class II	N- No precabbling	P76 - Post top, 76mm	R7035 Rxxxx	
			C	20			M3 - Minicell 35lux*			P60 - Post top, 48-60mm		
			D	30			NS - SELC NEMA Socket*			S60 - Side mounted, 48-60mm		
			E	35			D - DALI*			LS - Lightgrid NEMA Socket		P50 - Post top, 42-50mm
			F	44						Y - DynaDim**		PXX- Precabbling with XX me- ters
			N	55			C - Clockdim**			S6 - S6000 Mayflow- er Socket		S50 - Side mounted, 42-50mm
			P	60						SP - surge voltage protection		P35 - Post top, 30-35mm
			R	70			F - with Fuse			S35 - Side mounted, 30-35mm		
			S	85								
T	95											
U	105											

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

