

# 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 median useful life and the associated rated LM factor:  
L80B10 > 100.000 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

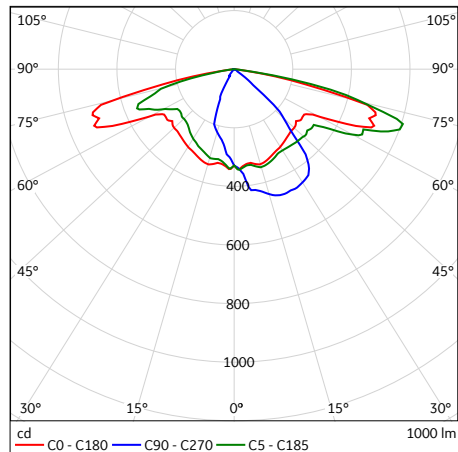
## Standards and regulation

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

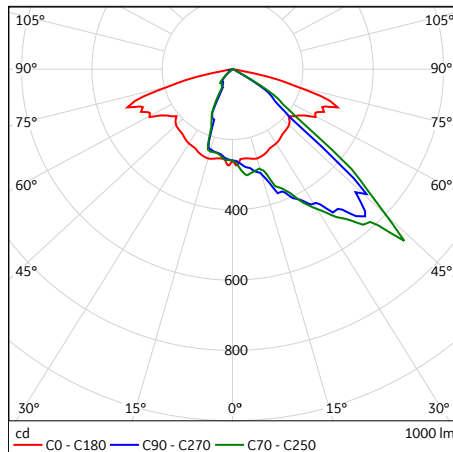
## Other options available

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

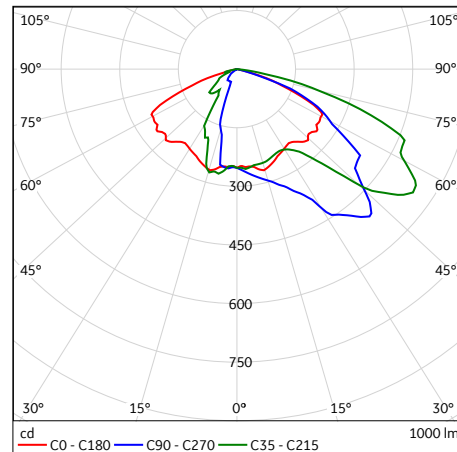
## Typical photometrical features



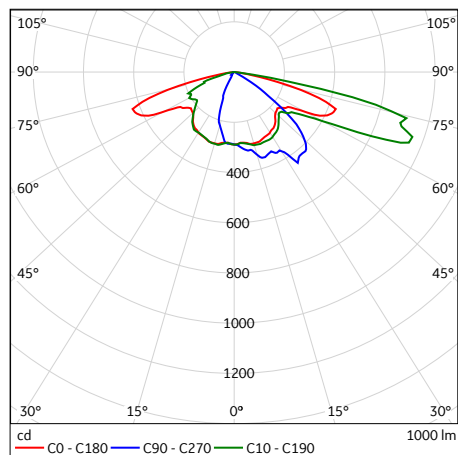
B



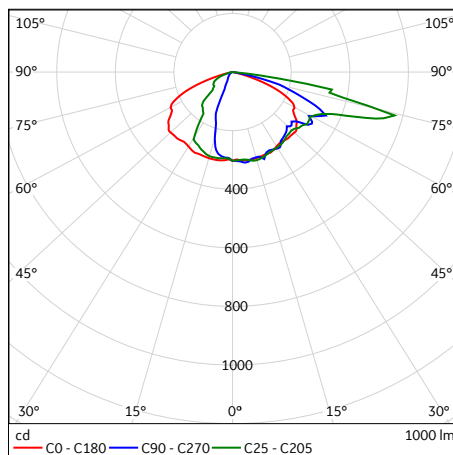
C



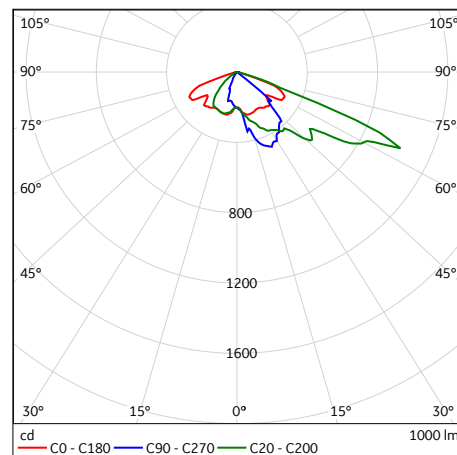
D



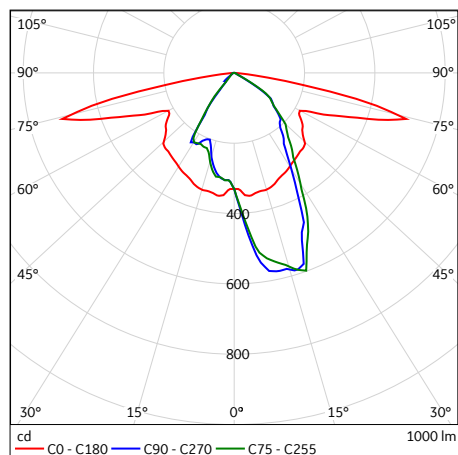
E



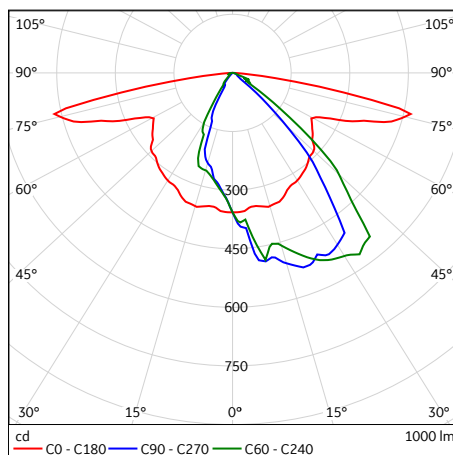
F



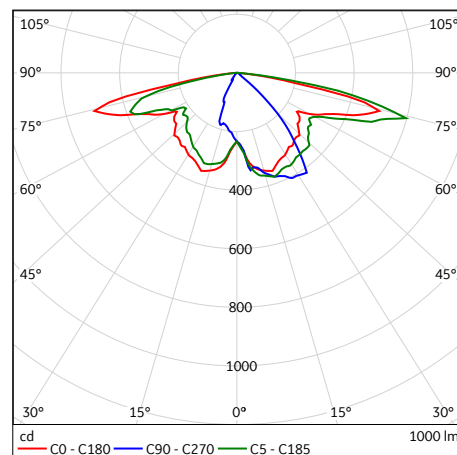
N



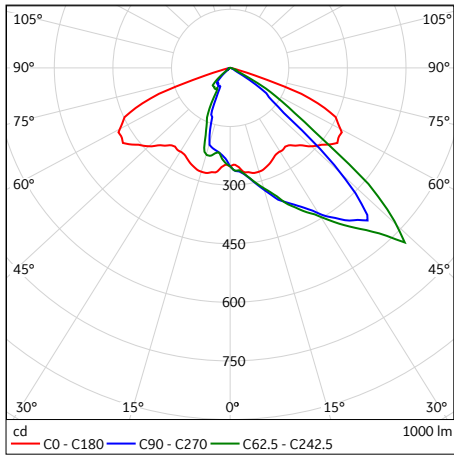
P



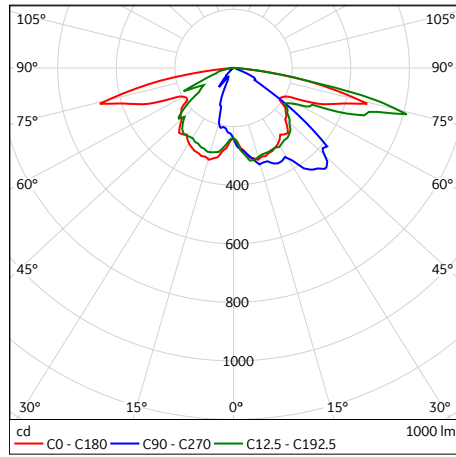
R



S

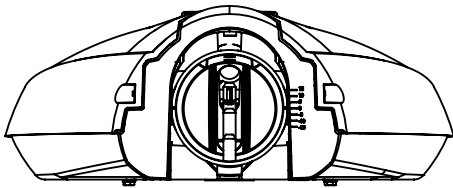
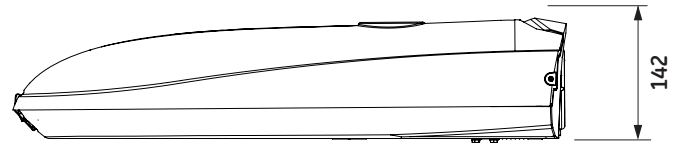
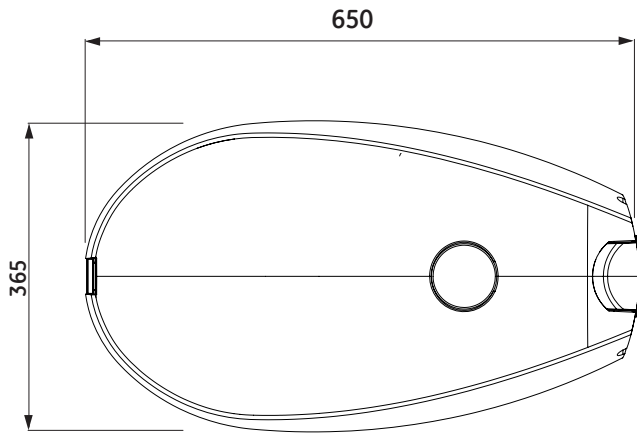


T

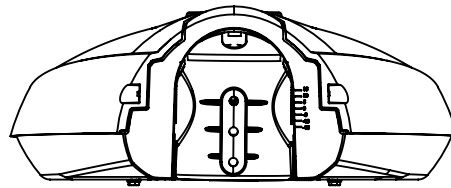


U

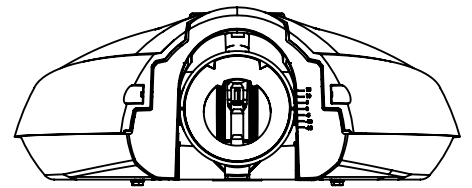
## Dimensions (mm)



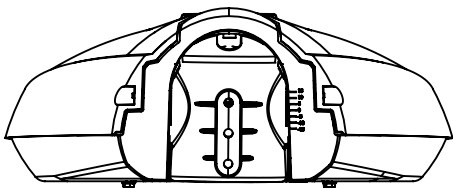
S76 Ø 55-76



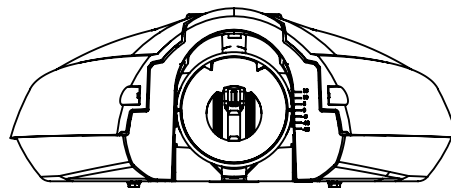
P76 Ø 55-76



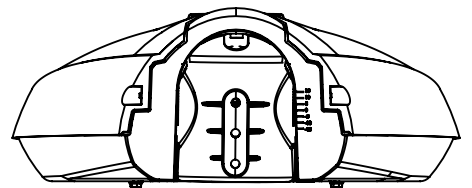
S50 Ø 42-50



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