

Nobila



RAL 9005

IP66



6.5 kg



Product information

Introducing Tungsram's latest LED decorative fixture, the Nobila, which has the advantage of aesthetic outdoor luminaires with great performance. Designed to replace 35-100 W HID and 24-36 W CFL fixtures, the nobila is a great LED solution for roads, where heritage style is needed.

Application areas



Pedestrian street



Car park



Street & residential road lighting

Driver features

- Electronic, dimmable driver: Dali, CLO and dynadim from 20-90W
- minimum dimming level 5,5 W

Structures and materials

- Housing material: die-cast aluminium body, corrosion resistant screws
- Color: RAL9005 or any RAL color
- Optic material: coated polycarbonate
- Optical cover: UV stabilized polycarbonate
- Gear Tray material: galvanized steel

Performance

- Rated luminous flux range: from from 2700 to 10600lm at 4000K
- Rated luminaire efficacy: Up to 135lm/W at 4000K
- Photometric code: 730/559, 740/559
- Rated median useful life and the associated rated LM factor L80B50: > 100.000 hours
- Rated abrupt failure <10% (100.000 hours)
- Lumen maintenance code: 9
- 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:

- Post top coupler \varnothing 48mm-76mm
- Recommended mounting height: 4-15m
- Weight: 6,5 kg
- Only two hand-tools required for installing the fixture
- Storage temperature up to 85°C.
- Ambient temperature from -40°C to +50°C

Optics

Lens layout (4 lenses in every scenario):

- A: asymmetric
- S: symmetric
- C: circular

Available photometric distributions:

- C: optimized for high traffic ME class roads
- E: optimized for narrow S class roads
- F: optimized for wide S class roads

- AC - asymmetric C
- AE - asymmetric E
- AF - asymmetric F
- AH - asymmetric H
- SC - symmetric C
- SE - symmetric E
- SF - symmetric F
- CC - circular C
- CE - circular E
- CF - circular F

Rated colour rendering index: >70

Rated correlated colour temperatures: 3000K, 4000K

S/P rating for: 3000K - 1.33, 4000K - 1.56

ULOR: 0

Rated initial chromaticity co-ordinate values:

3000K - CIE(x=0.43, y=0.403) 5SDCM

4000K - CIE(x= 0.38, y= 0.38) 5SDCM

Electrical

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

Class I, Class II

Surge protection (driver immunity): 10kV

Rated input power: 21W to 94W

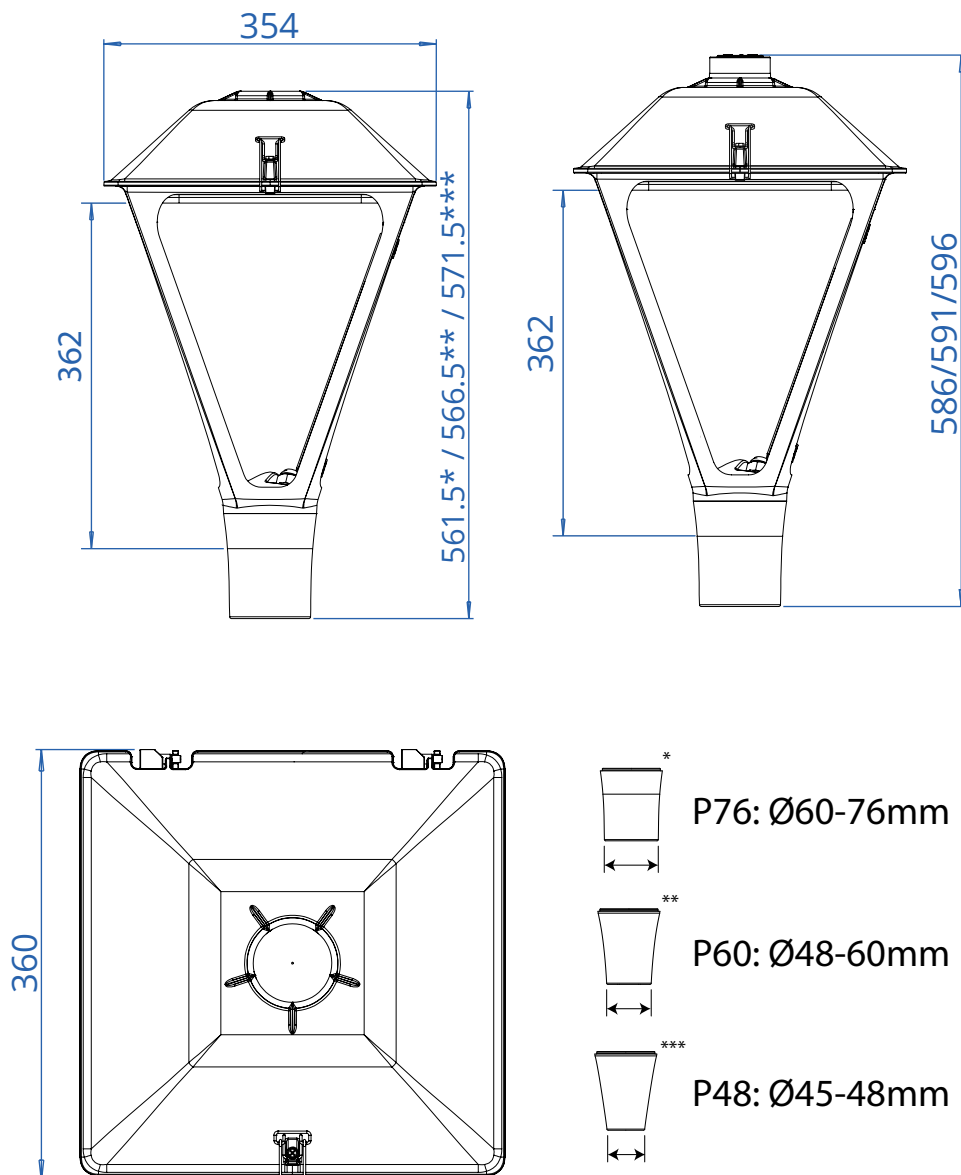
Standards and regulation

CE, Directive 2014/30/EU, 2014/35/EU, 2009/125/EC, 1194/2012/EU, 2011/65/EU, EN 60598, EN 62471, EN 55015, EN 61000, EN 62493, EN 61547.

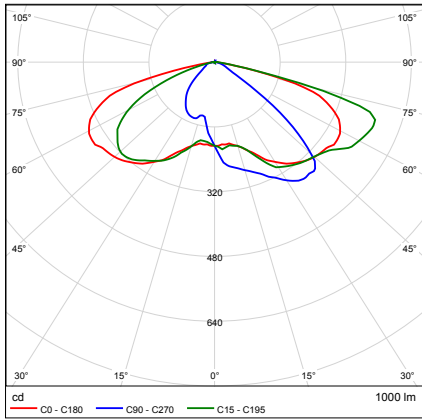
Other options available

NEMA socket, Class II, precabbling

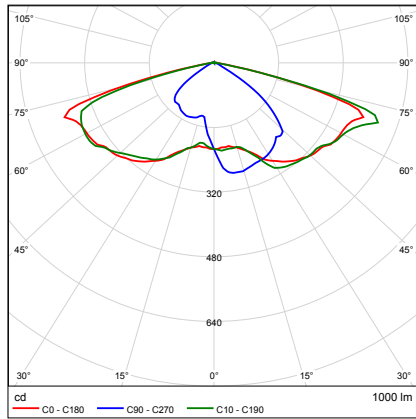
Dimension (mm)



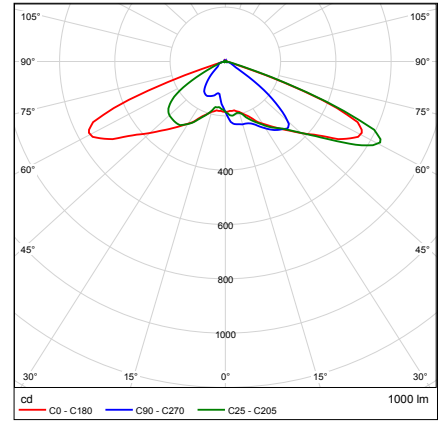
Typical photometrical features



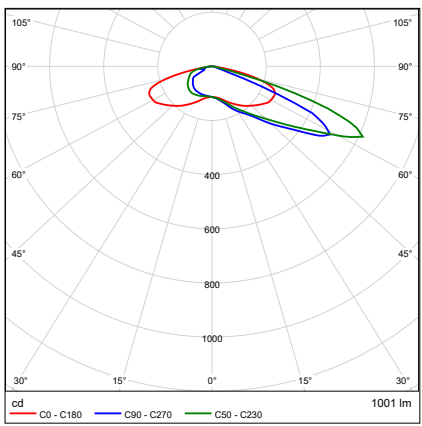
AC-asymmetric C



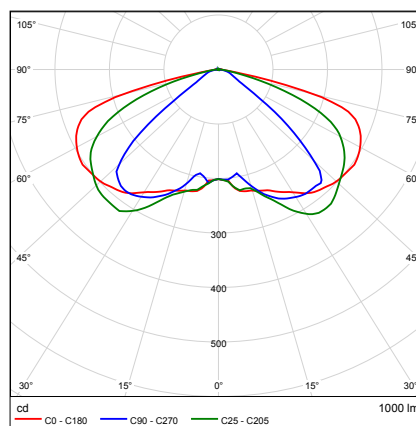
AE-asymmetric E



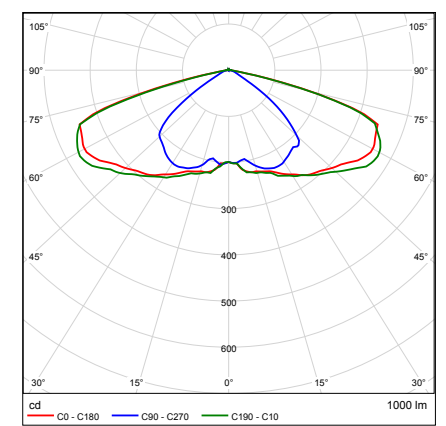
AF-asymmetric F



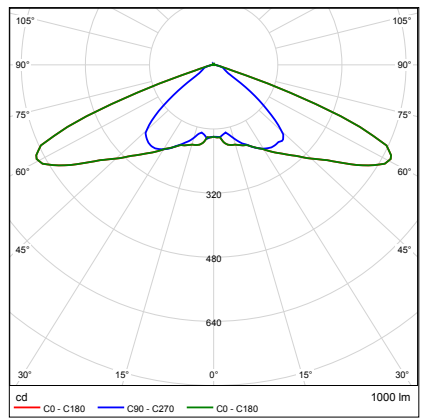
AH-symmetric H



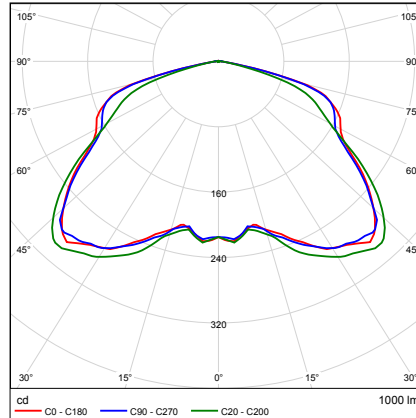
SC-symmetric C



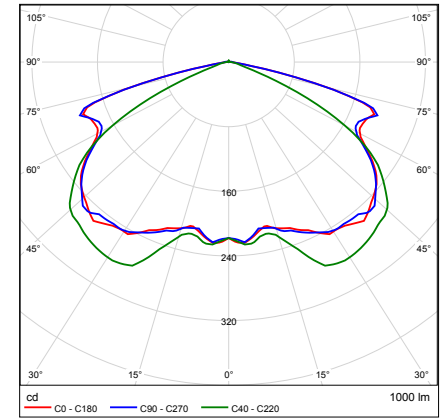
SE-symmetric E



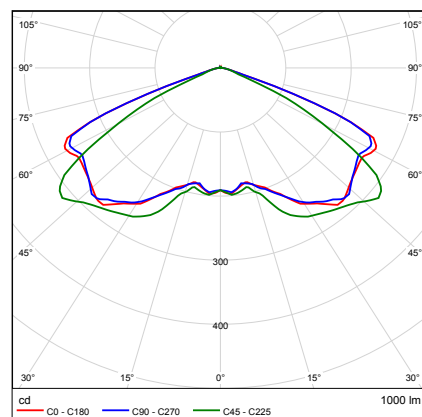
SF-symmetric F



CC-circular C



CE-circular E



CF-circular F

Order logic

Name	Gen.	Optics	Power (W) *	CCT (K)	Control	Accessories	IEC Protection Classes	Precabling ***	Mounting	Color ****
NOBILA	1	CC	20	3 - 3000	N - No control	ST - Standard version	1 - Class I	Px - Precabled with x meters **	P48 - Ø45-48mm	R9005 Rxxxx **
		CE	30		D - DALI					
		CF	40		Yxx - DynaDIM **					
		AC	50	4 - 4000	NLxx - No control + CLO **	LS - 7-pin NEMA socket *****	2 - Class II	P60 - Ø48-60mm		
		AE	60							
		AF	70	DLxx - DALI + CLO **	YLxx - DynaDIM + CLO **	P76 - Ø60-76mm				
		AH	80							
		SC	90							
		SE								
		SF								

Example: NOBILA/1/CC/40/3/N/ST/1/P1/P60

Exceptions:

* For rated power by specific SKU see IES files!

** x is integer: 0-9

*** Minimum precabling is 1m

**** Other RAL colors available on request

***** LS not available with Class II IEC Protection

