

# 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 ø48mm-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
- 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

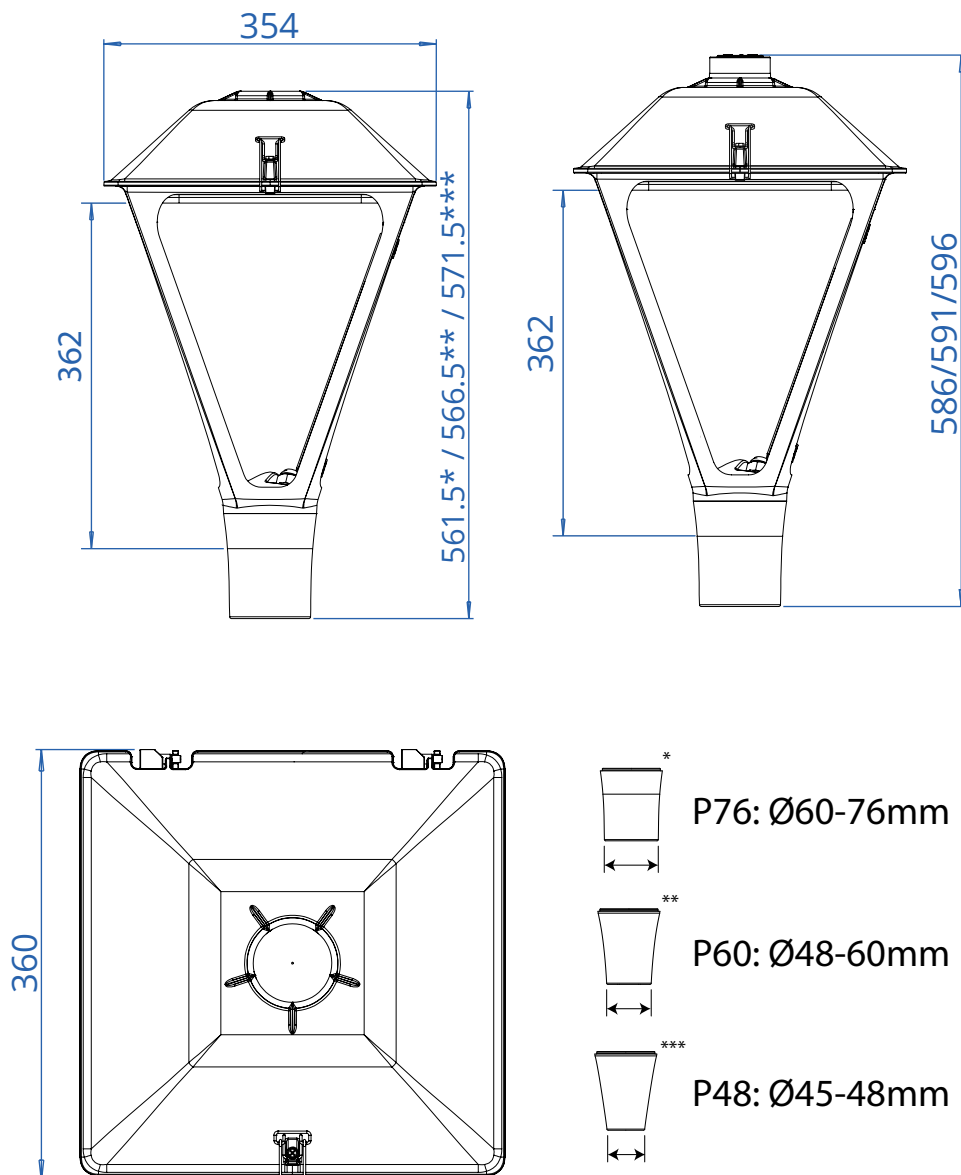
## Standards and regulation

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.

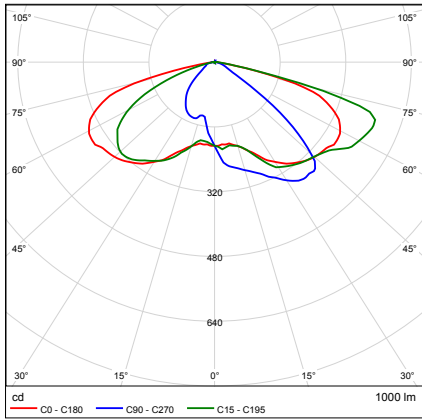
## Other options available

NEMA socket, Class II, precabing

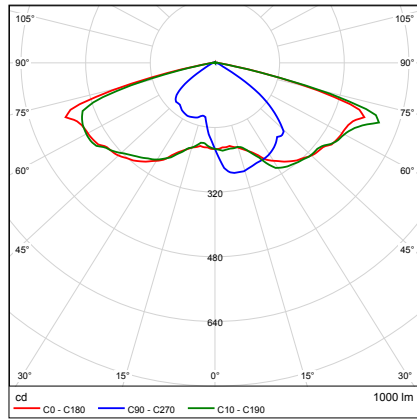
## Dimension (mm)



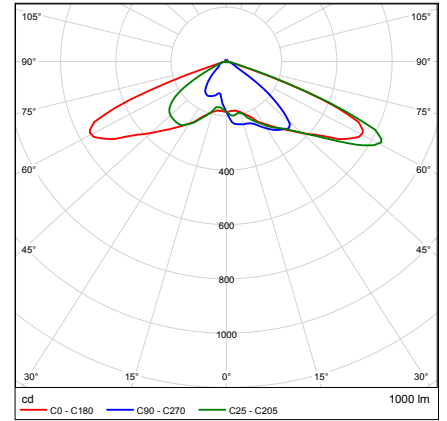
# Typical photometrical features



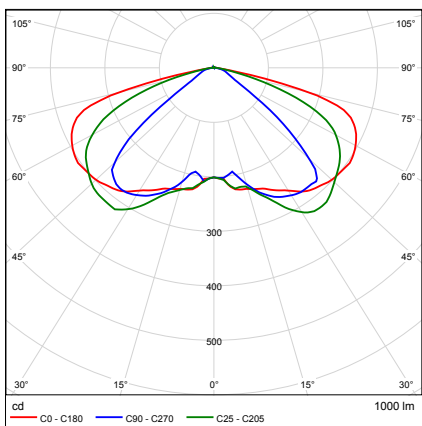
AC-symmetric C



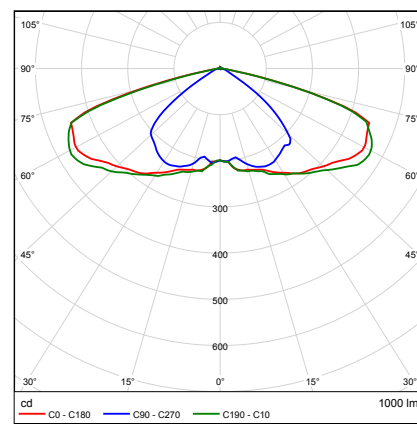
AE-asymmetric E



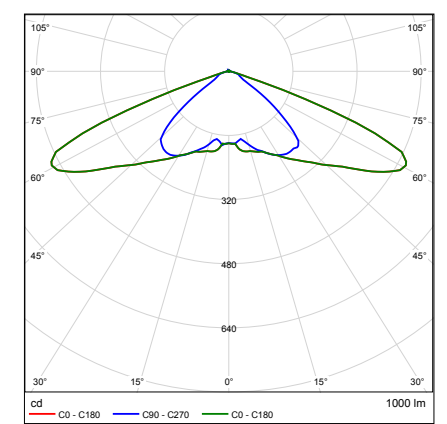
AF-asymmetric F



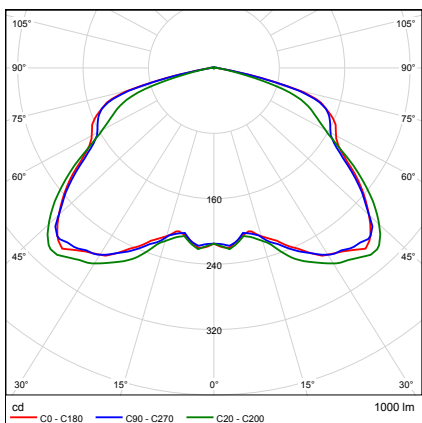
SC-symmetric C



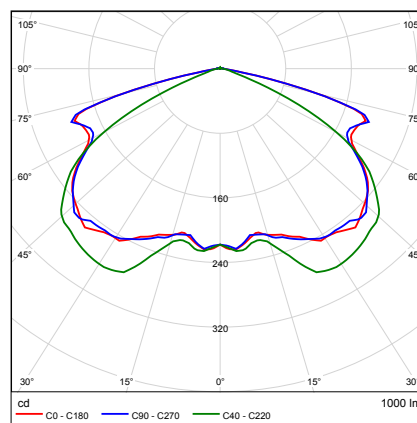
SE-symmetric E



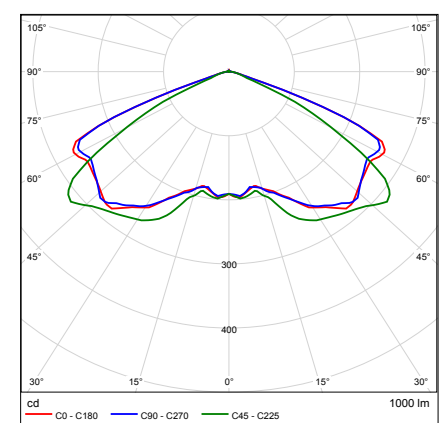
SF-symmetric F



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				
		SC	80							
		SE	90							
		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

