



A++
energy class

136
lumens/watt

Inlumino S

INS1-12000AFA750-...

TBD

Product information

The new Tungsram luminaire, with its innovative and unique solutions, is an excellent choice for road and street applications. The key aspects of the lamp development are the simple and fast installation, the tool-free repair options and the diverse usage. The luminaire meets the expectations of the 21st century: sleek design, and high efficiency. Inlumino is also suitable for a variety of applications, as it can be installed as a light source or easily upgraded to an IoT data point. Take advantage of the innovation from Tungsram and optimize your outdoor lighting with the new range of Inlumino luminaires.

TUNGSRAM TBD
INS1-12000AFA750-...

This luminaire contains built-in LED lamps.

A++
~~A+~~
~~A~~
~~B~~
~~C~~
~~D~~
~~E~~

**L
E
D**

The LED lamps cannot be changed in the luminaire

874/2012

Product data

| | |
|---|--|
| DIALux description | TUNGSRAM - Inlumino S - 12100lm - 89W - 5000K - 70CRI - TBD[SKU] - Universal coupler 30-60mm |
| Brand | TUNGSRAM |
| Mounting type | Universal coupler 30-60mm |
| Weight [kg] | 7,5 kg |
| Product dimensions (Length) x (Width) x (Height) [mm] | 509x397x118 mm |
| Rated ambient temperature (tq) related to performance for a luminaire * | 25 °C |
| Certifications | CE, ENEC |
| General warranty [year] | 5 years |

Performance data

| | |
|--|--|
| Rated LED luminaire efficacy [lm/W] | 135 |
| Rated median useful life and the associated rated LM factor* | L80B50 > 305.000 hours, L90B50 > 130.000 hours |
| IP Rating | 66 |
| Impact resistance (IK) | IK09 |
| Energy efficiency class (EEC) | A++ |
| Lumen maintenance code* | 9 |
| Rated luminous flux (lm) | 12100 |
| Ambient Temperature [°C] | -40°C to +50°C |

Photometrical data

| | |
|--|---------------------------|
| Photometric distribution | AFA |
| Rated correlated color temperature [K] | 5000 |
| Rated color rendering index (CRI) [Ra] | >70 |
| Photometric code* | 750/559 |
| Rated chromaticity co-ordinate values both initial and maintained* | CIE(x=0.34, y=0.34) 5SDCM |

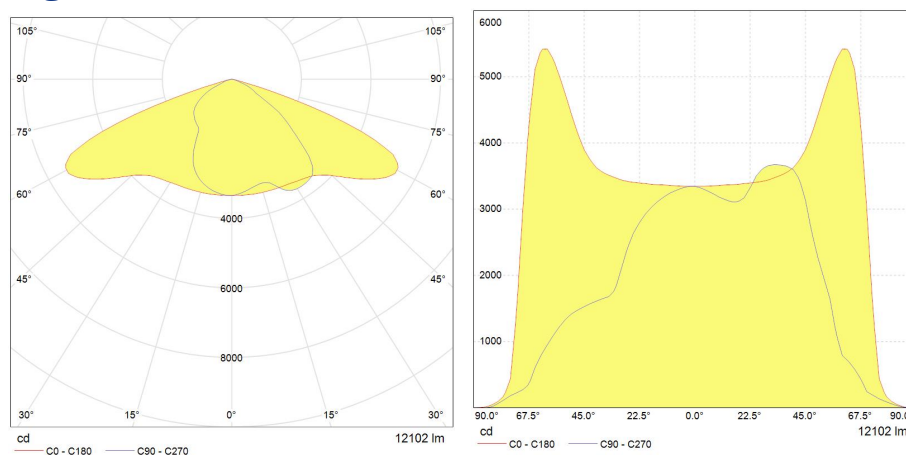
Electrical data

| | |
|-----------------------|----------|
| IEC protection class | Class1 |
| Operating voltage [V] | 220-240V |

Logistic data

| | |
|----------------|-----------|
| Shipment | Standard |
| Product status | Available |

Light distribution



Downloads & Links

[Go to the catalog site \(HTTP\)](#)

[Datasheet \(PDF\)](#)

[Installation guide \(PDF\)](#)

[Images \(HTTP\)](#)

[Declaration of Conformity \(PDF\)](#)

[All photometry files \(HTTP\)](#)

Disclaimer

* Definitions and tolerances according to IEC62722-2-1:2014

