

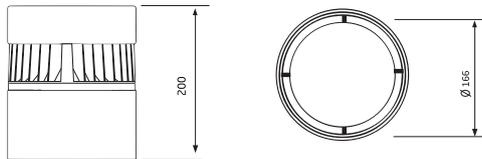
Luminaire definition

Type: NS46

About

We have created this luminaire definition sheet for architects and engineers who have to ensure that the correct lights will be installed. This definition is in English, however, other languages is available. Please let us know if you need any further assistance to describe our luminaires in specific lighting projects.

Ceiling mounted 40W downlight. Diecast aluminum reflector with a 92 % transmission clear frontglass which ensures even lighting. Diameter on the luminaire $\varnothing 166$ mm. and the height is 200 mm. The luminaire deliver a minimum CRI > 85, $\cos > 0,9$. The colortemperatur should be (fx) 3000K and the MacAdam must be SDCM step 3 or below. The energy efficiency is minimum 114 lm/w. Lifetime is min. 60.000 hours at L70 B10. The IP is IP20 from below. The LED-module moved up in the luminaire to avoid glare. A Dali driver is included controlling dimming etc. The design should look like below reference product picture.



Data for definition

Type	Ceiling mounted
Light source	LED-module 4545lm
Beam angle	40
Front glass	Clear glass
Color Temperature	Warm white 3000K or Neutral white: 4000K
Color Rendering	CRI85+
MacAdam	SDCM step 3
Color Bin	V6
Consumption	40W
Voltage Range	220 ~ 240VAC 50/60Hz
Lifetime LEDs	60K hours at Ta = 25°C (L70) B10
Lifetime driver	50K hours at Ta = 25°C (MTBF) B10
Dimmable	DALI or Analogue (1-10V)
IP Code	IP20
Class	2, Double Insulated
Size	$\varnothing 166 \times H200$ mm
Weight	2,8 Kg
Housing	White or optional

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