

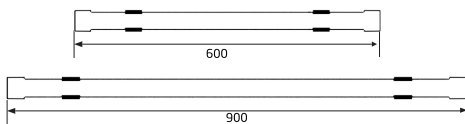
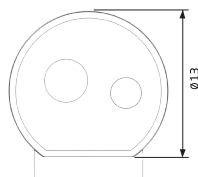
Luminaire definition

Type: NS32

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.

Round mini (insert Watt) LED tube with a 82 % transmission front-glass which ensures even and diffus lighting. Diameter on the tube is $\varnothing 13$ mm. and the length is (insert length). The luminaire deliver a minimum CRI > 90. The colortemperatur should be (fx) 3000K and the MacAdam must be SDCM step 4 or below. The energy efficiency is minimum 70 lm/w. Lifetime is min. 30.000 hours at L70 B10. The IP is IP65. The voltage for the LED-tube should be 12VDC. The design should look like below reference product picture.



Data for definition

Type	Water proof LED tube
Light source	LED-module 350lm or 540lm
Beam angle	120
Front glass	Tube formed diffuser with 82% transmission
Color Temperature	Warm white 3000K or Neutral white: 4000K
Color Rendering	CRI90+
MacAdam	SDCM step 4
Color Bin	V6
Consumption	5W or 7.5W
Voltage Range	12VDC
Lifetime LEDs	30K hours at Ta = 25°C (L70) B10
Dimmable	Option
IP Code	IP65
Class	2, Double Insulated
Size	$\varnothing 13$ x L600 or 900 mm
Weight	0,1 Kg

Normasym Intl.
Phone +4571995825
hello@normasym.com
www.normasym.com