



# Meson Downlight

## 59448 MESON 105 7.5W 30K WH recessed TR

Meson Downlight, 7.5 W, 500 lm, 3000 K, Opal

The Recessed Meson downlight offers complete range in terms of lumen output and sizes with reliable performance. Available in seven cutout sizes with three CCT options to suit different applications.

### Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Lighting Technology	LED
CE mark	CE mark
Warranty period	1 years
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	500 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	66.00 lm/W
Color rendering index (CRI)	80
Light source color	830 warm white
Optic type	Wide beam
Luminaire light beam spread	110°

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Inrush time	0.3 ms
Power Consumption	7.5 W
Power Factor (Fraction)	0.5
Cable	Cable without plug 2-pole

Temperature	
Ambient temperature range	-20 to +40 °C

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing	
Housing Material	Plastic
Reflector material	-
Optic material	Polycarbonate

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Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	Opal
Overall height	47 mm
Overall diameter	120 mm

## Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Protection class IEC	Safety class II

## Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(IEC3000K, 0.44, 0.403) 6
Power consumption tolerance	+/-10%

## Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	5 %
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Median useful life L70B50	15,000 hour(s)
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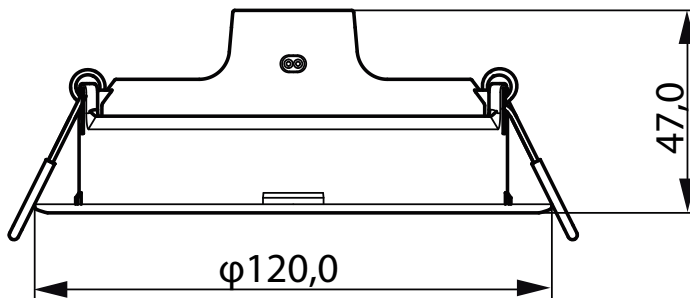
## Application Conditions

Suitable for random switching	Not applicable
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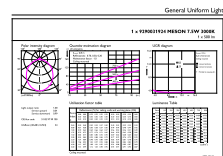
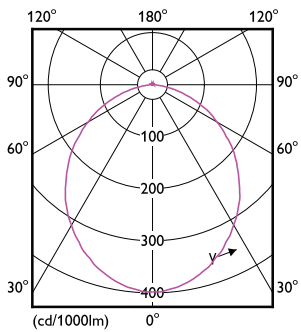
## Product Data

Order product name	59448 MESON 105 7.5W 30K WH recessed TR
Full product name	59448 MESON 105 7.5W 30K WH recessed TR
Full product code	871951441475400
Order code	929003192402
Material Nr. (12NC)	929003192402
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514414754
Numerator - Packs per outer box	12
EAN/UPC - Case	8719514414761

## Dimensional drawing



## Photometric data



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Light Distribution Diagram - 59448 MESON 105 7.5W 30K WH recessed TR

General uniform lighting - 59448 MESON 105 7.5W 30K WH recessed TR

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