

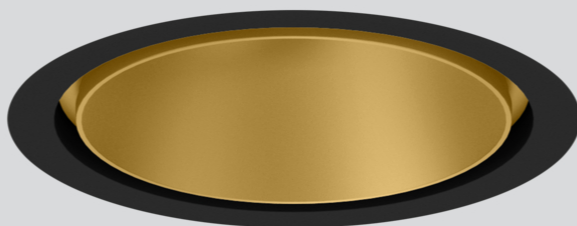
048-2700119M 048-2796398 002-90780



Project / Type

## Notes

Count / Date



Ceiling , Recessed  
gold , RAL 260-M <sup>1</sup>  
Mounting set traffic black for acoustic ceilings  
front IP44 , back IP20  
2120 lm  
fixture 93 lm/W<sup>2</sup>

4000 K  
CRI  $\geq 90$   
L80 / 50000 h  
initial MacAdam  $\leq 2$  SDCM  
R<sub>g</sub>: 98, R<sub>f</sub>: 90, R<sub>{1-15}</sub>: 88  
MR 0.8  
MDER 0.72

medium
beam angle 33°
UGR ≤ 16 , ≥65° <3000 cd/m²

non DIM
220-240 V
system 26.7 W
fixture 22.7 W
36 Vf
650 mA
PC2

with trim for acoustic ceiling  
diameter 114 mm  
height 75 mm  
0.45 kg

diameter 100 mm  
min. ceiling thickness 25 mm  
max. ceiling thickness 40 mm  
recessed depth 80 mm

Technical drawing of a stepped cylinder. The top view shows a cylinder with a diameter of 80 and a height of 100. The front view shows a cylinder with a diameter of 75 and a height of 100. The side view shows a cylinder with a diameter of 75 and a height of 100.

Round recessed spotlight in die-cast aluminium; 1 lamp; surface gold; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim traffic black for acoustic ceilings; for installation in soft acoustic ceilings; suitable for ceiling thickness of 25-40 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 4000 K; binning initial MacAdam  $\leq 2$  SDCM; CRI  $\geq 90$ ; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 33° beam; UGR  $\leq 16$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65°  $\leq 3000$  cd/m<sup>2</sup>; degree of protection from below IP44 (from above IP20); PC2; 220-240 V; incl. converter, non dimmable; through wiring connection box, 3-pole or 5-pole, available as an accessory; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

<sup>1</sup> RAL code<sup>2</sup> incl. consideration of optical losses & internal control unit losses

[048-2700119M 048-2796398 002-90780'] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.

© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · [www.xal.com](http://www.xal.com)

21.04.2025