

TWIST 100

trim

048-1121018F 048-2796318 002-90789



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

tilt max 45°

rotation 360°

black , RAL9005 ¹

Mounting set jet black

front IP20 , back IP20

3110 lm

LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 98 , R_r: 91 , R₍₁₋₁₅₎: 93

MR 0.54

MDER 0.49

Optical

flood

beam angle 39°

P_{stLM} ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

DALI-2

25.3 W

inset 22.7 W

650 mA

PC2 220-240V

123 lm/W

inset 137 lm/W

1 DALI Addr.

Physical

diameter 118 mm

height 99 mm

0.26 kg

Cutout

diameter 108 mm

min. ceiling thickness 2 mm

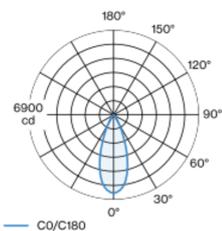
max. ceiling thickness 25 mm

recessed depth 160 mm

¹ RAL code ² Value of containing product at full load (undimmed)

Round recessed spotlight in die-cast aluminium; 1 lamp; surface black powder coated; installation without tools in mounting set due to patented ball catch system; with trim jet black; suitable for ceiling thickness of 2-25 mm; 360° rotatable and 45° tiltable outward; 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 3000 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90 ; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; including high quality aluminium reflector with spherical reflector; high gloss anodised; neutral colour reflection through absolute freedom from interference colour; for brilliant object staging; precise radiation characteristic with 39° beam; optical attachments available as accessories; optical attachments can be combined; degree of protection IP20; PC2 220-240V; incl. DALI-2 converter; 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;

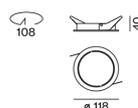
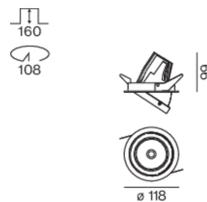
Light distribution



flood 39°

h (m)	E0° (lx)	ø (m)
1	6390	0.70
2	1600	1.40
3	710	2.10
4	400	2.80
5	260	3.50

Product drawing



Installation instructions



Lighting calculator



[048-1121018F 048-2796318 002-90789] 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.

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02.10.2024