

TWIST 100 trim 2 lamps

048-1120518M 048-2798318 002-90781



Project / Type

Notes

Count / Date



220-240V

360°

X-PERT

X-PERT

General

Ceiling , Recessed

tilt max 45°

rotation 360°

black , RAL9005 ¹

Mounting set jet black

IP20

6040 lm

LED

3000 K

CRI ≥ 90

initial MacAdam ≤ 3 SDCM

R_g: 98 , R_f: 91 , R₍₁₋₁₅₎: 89

MR 0.62

MDER 0.56

Optical

medium

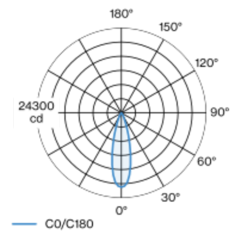
beam angle 28°

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Round recessed spotlight in die-cast aluminium; 2 lamps; surface black powder coated; installation without tools in mounting set due to patented ball catch system; 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 ≤ 3 SDCM; CRI ≥ 90; 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 28° beam; degree of protection IP20; PC2 220-240V; 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;

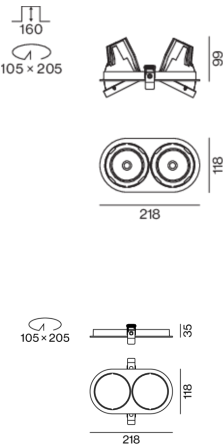
Light distribution



medium 28°

h (m)	E0° (lx)	ø (m)
1	10600	0.49
2	2700	0.99
3	1200	1.48
4	700	1.97
5	400	2.46

Product drawing



Electrical

non DIM

79 W

inset 34 W

total insets 67 W

PC2 220-240V

76 lm/W

Physical

trim

length 218 mm

width 118 mm

height 99 mm

0.52 kg

Cutout

diameter 105 mm

length 205 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)

Installation instructions



Lighting calculator



[‘048-1120518M 048-2798318 002-90781’] 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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Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	11
B13	15
B16	19
B20	23
C10	19
C13	25
C16	32
C20	39

Components

MOUNTING SET with trim 2 lamps

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
for intermediate ceilings	jet black	218·118·35	048-2798318



POWER SUPPLY

L-W-H (MM)	ARTICLE NUMBER(S)
136·43·30	002-90781

