

TWIST 100 trim 2 lamps

048-1121217S 048-2798318 002-90780



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

tilt max 45°

rotation 360°

white , RAL 9016 ¹

Mounting set jet black

front IP20 , back IP20

6280 lm

fixture 138 lm/W²

LED

3500 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 99 , R_r: 92 , R_{t(1-5)}: 93

MR 0.61

MDER 0.55

Optical

spot

beam angle 20°

P_{stLM} ≤ 1.0 ³

SVM ≤ 0.4 ³

Electrical

non DIM

220-240 V

system 51 W

fixture 22.7 W

650 mA

fixture 45 W

PC2

Physical

length 218 mm

width 118 mm

height 99 mm

0.47 kg

Cutout

diameter 105 mm

length 205 mm

width 105 mm

min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

recessed depth 160 mm

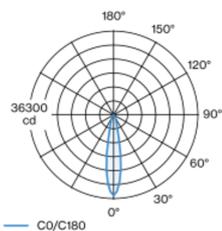
¹ RAL code

² FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

³ Value of containing product at full load (undimmed)

Round recessed spotlight in die-cast aluminium; 2 lamps; surface white 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 3500 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 20° beam; degree of protection 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;

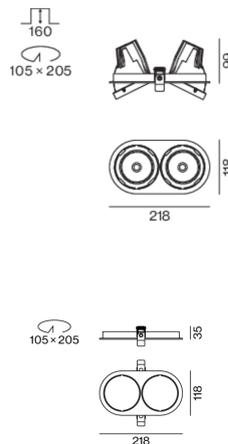
Light distribution



spot 20°

h (m)	E0° (lx)	ø (m)
1	17500	0.34
2	4400	0.69
3	1900	1.03
4	1100	1.38
5	700	1.72

Product drawing



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**Installation
instructions**



**Lighting
calculator**

