

TWIST 100 trim 2 lamps

048-1121117M 048-2798317 002-90780



Project / Type _____

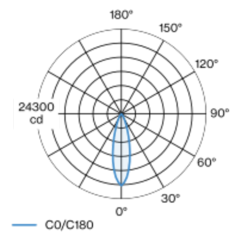
Notes _____

Count / Date _____



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 traffic white; 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 4000 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 27° 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;

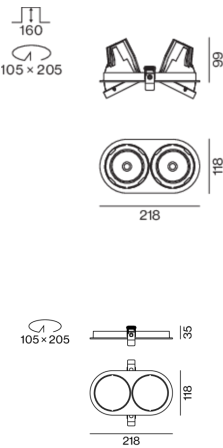
Light distribution



medium 27°

h (m)	E0° (lx)	ø (m)
1	10300	0.49
2	2600	0.97
3	1100	1.46
4	600	1.95
5	400	2.43

Product drawing



General

Ceiling , Recessed
tilt max 45°
rotation 360°
white , RAL 9016 ¹
Mounting set traffic white
front IP20 , back IP20
6400 lm
fixture 141 lm/W²

LED

4000 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R_g: 100 , R_f: 92 , R_{f(1-15)}: 91
MR 0.78
MDER 0.71

Optical

medium
beam angle 27°
PstLM ≤ 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
0.44 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)



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Installation
instructions



Lighting
calculator

