

TWIST 100 trim 2 lamps

048-1121018F 048-2798318 002-90780



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Recessed
 tilt max 45°
 rotation 360°
 black , RAL 9005 ¹
 Mounting set jet black
 front IP20 , back IP20
 6220 lm
 fixture 137 lm/W²

LED

3000 K
 CRI ≥ 90
 L80 / 50000 h
 initial MacAdam ≤ 2 SDCM
 R_g: 98 , R_r: 91 , R_(f-15): 93
 MR 0.54
 MDER 0.49

Optical

flood
 beam angle 39°
 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
 0.12 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

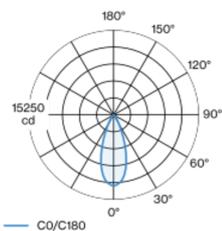
¹ RAL code

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 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; 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;

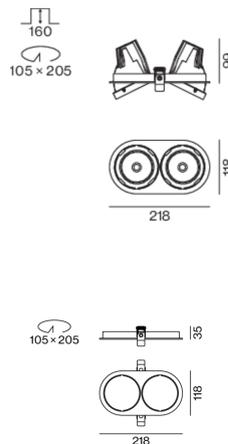
Light distribution



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



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**Installation
instructions**



**Lighting
calculator**

