

TWIST 100 trim 2 lamps

048-1121017S 048-2798318 002-90780



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Recessed

tilt max 45°

rotation 360°

white , RAL9016 ¹

Mounting set jet black

front IP20 , back IP20

6200 lm

LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 98 , R_r: 91 , R_{t(1-15)}: 93

MR 0.54

MDER 0.49

Optical

spot

beam angle 20°

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

non DIM

system 51 W

inset 22.7 W

650 mA

total insets 45 W

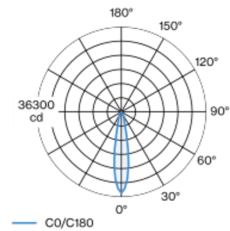
PC2 220-240V

system 122 lm/W³

inset 136 lm/W⁴

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 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 20° 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;

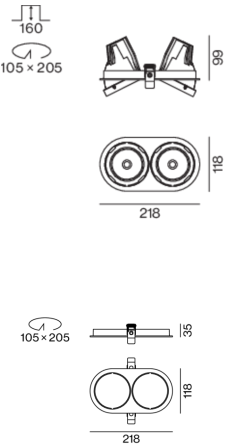
Light distribution



spot 20°

h (m)	E0° (lx)	ø (m)
1	17300	0.34
2	4300	0.69
3	1900	1.03
4	1100	1.38
5	700	1.72

Product drawing



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 Value of containing product at full load (undimmed)

³ incl. optical losses and the efficiency of the operating device (converter)

⁴ incl. optical losses



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Installation
instructions



Lighting
calculator

