

TWIST 100 trim 2 lamps

048-1121117F 048-2798318 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 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 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 39° 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;

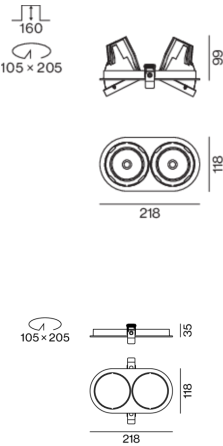
Light distribution



flood 39°

h (m)	E0° (lx)	ø (m)
1	6490	0.70
2	1620	1.40
3	720	2.10
4	410	2.80
5	260	3.50

Product drawing



General

Ceiling , Recessed _____

tilt max 45° _____

rotation 360° _____

white , RAL9016 ¹ _____

Mounting set jet black _____

front IP20 , back IP20 _____

6320 lm _____

LED

4000 K _____

CRI ≥ 90 _____

L80 / 50000 h _____

initial MacAdam ≤ 2 SDCM _____

Optical

flood _____

beam angle 39° _____

PstLM ≤ 1.0 ² _____

SVM ≤ 0.4 ² _____

Electrical

non DIM _____

51 W _____

total insets 45 W _____

PC2 220-240V _____

124 lm/W _____

Physical

length 218 mm _____

width 118 mm _____

height 99 mm _____

0.44 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



[048-1121117F 048-2798318 002-90780] 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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