

TWIST 100

trim

048-1121017M 048-2796318 002-90789



Project / Type
Notes
Count / Date



220-240V
X-PERT
X-PERT

General
Ceiling , Recessed
tilt max 45°
rotation 360°
white , RAL9016 ¹
Mounting set jet black
front IP20 , back IP20
3150 lm

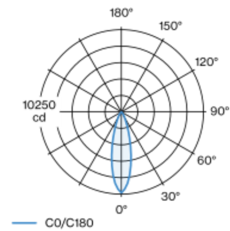
LED
3000 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM

Optical
medium
beam angle 27°
PstLM ≤ 1.0 ²
SVM ≤ 0.4 ²

Electrical
DALI-2
25.3 W
PC2 220-240V
125 lm/W
1 DALI Addr.

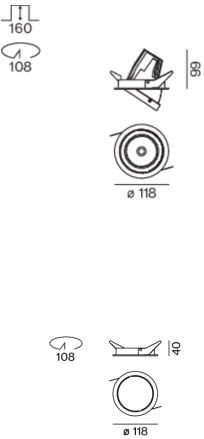
Physical
diameter 118 mm
height 99 mm
0.58 kg

Light distribution



h (m)	E0° (lx)	ø (m)
1	10100	0.49
2	2500	0.97
3	1100	1.46
4	600	1.95
5	400	2.43

Product drawing



Cutout
diameter 108 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



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.977	0.94	0.905	0.871	0.838
LSF	1	1	1	1	1
MF	LMF × RSMF × LLMF × LSF		RSMF ^a Room Surface Maintenance Factor		
MF	Maintenance Factor		LLMF Lamp Lumens Maintenance Factor		
LMF ^a	Luminaire Maintenance Factor		LSF Lamp Survival Faktor		

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	18
B16	30
C10	23
C16	36

Components

MOUNTING SET with trim 1 lamp

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
for intermediate ceilings	jet black	118	048-2796318



POWER SUPPLY

L-W-H (MM)	ARTICLE NUMBER(S)
143-43-30	002-90789



Mounting accessories

THROUGH WIRING CONNECTION BOX

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
non DIM cable ø 4 – 12 mm	105-58-30	005-2531110
DALI cable ø 4 – 12 mm	105-58-30	005-2551110



Optical accessories

HONEYCOMB LOUVER

Ø (MM)	ARTICLE NUMBER(S)
75	080-6401118



Optical accessories

LINEAR PRISMATIC LENS

Ø (MM)	ARTICLE NUMBER(S)
75	080-6402110P



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Optical accessories

SNOOT

TYPE	Ø (MM)	ARTICLE NUMBER(S)
short	66	080-6403118
medium	66	080-6403218
angle	66	080-6403318

