

TWIST 100

trim

048-1121117F 048-2796318 002-90780



Project / Type
Notes
Count / Date



220-240V
360°
X-PERT
X-PERT

General
Ceiling , Recessed
tilt max 45°
rotation 360°
white , RAL9016 ¹
Mounting set jet black
front IP20 , back IP20
3160 lm

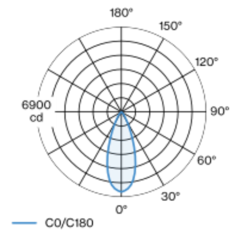
LED
4000 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM

Optical
flood
beam angle 39°
PstLM ≤ 1.0 ²
SVM ≤ 0.4 ²

Electrical
non DIM
25.3 W
PC2 220-240V
125 lm/W

Physical
diameter 118 mm
height 99 mm
0.42 kg

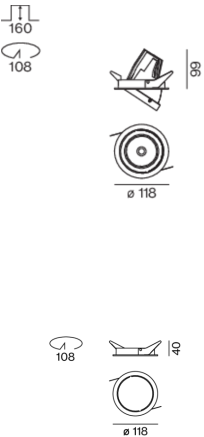
Light distribution



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



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	20
B16	32
C10	33
C16	53

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	002-90780



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

