

TWIST 100 trim 2 lamps

048-1121217S 048-2798317 002-90780



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Recessed _____

tilt max 45° _____

rotation 360° _____

white , RAL9016 ¹ _____

Mounting set traffic white _____

front IP20 , back IP20 _____

6280 lm _____

LED

3500 K _____

CRI ≥ 90 _____

L80 / 50000 h _____

initial MacAdam ≤ 2 SDCM _____

Optical

spot _____

beam angle 20° _____

PstLM ≤ 1.0 ² _____

SVM ≤ 0.4 ² _____

Electrical

non DIM _____

51 W _____

inset 22.7 W _____

650 mA _____

total insets 45 W _____

PC2 220-240V _____

123 lm/W _____

Physical

length 218 mm _____

width 118 mm _____

height 99 mm _____

0.47 kg _____

Cutout

diameter 105 mm _____

length 205 mm _____

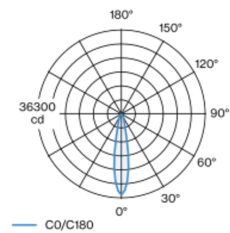
min. ceiling thickness 2 mm _____

max. ceiling thickness 25 mm _____

recessed depth 160 mm _____

¹ RAL code ² Value of containing product at full load (undimmed)

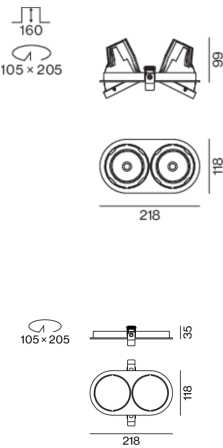
Light distribution



spot 20°

h (m)	E0° (lx)	ø (m)
1	17500	0.34
2	4400	0.69
3	1900	1.03
4	1100	1.38
5	700	1.72

Product drawing



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.

Components

MOUNTING SET with trim 2 lamps

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
for intermediate ceilings	traffic white	218-118-35	048-2798317

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

Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	20
B16	32
C10	33
C16	53



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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

