

# TWIST 100 trim 2 lamps

048-1121118S 048-2798318 002-90789



Project / Type

Notes

Count / Date



## General

Ceiling | Recessed

tilt max 45°

rotation 360°

black | RAL 9005 <sup>1</sup>

Mounting set jet black

front IP20 | back IP20

6280 lm

fixture 138 lm/W <sup>2</sup>

## LED

4000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R<sub>g</sub>: 100 | R<sub>f</sub>: 92 | R<sub>{1-15}</sub>: 92

MR 0.78 | MDER 0.71

## Optical

spot | beam angle 20°

PstLM ≤ 1.0 <sup>3</sup> | SVM ≤ 0.4 <sup>3</sup>

## Electrical

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

system 51 W | fixture 22.7 W

total fixtures 45 W

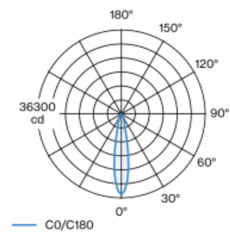
650 mA

## Physical

length 218 mm | width 118 mm | height 99 mm

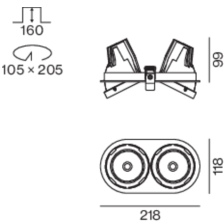
0.72 kg

## 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



## Cutout

diameter 105 mm | length 205 mm | width 105 mm

min. ceiling thickness 2 mm | max. ceiling thickness 25 mm

recessed depth 160 mm

<sup>1</sup> RAL code  
<sup>2</sup> incl. consideration of optical losses & internal control unit losses  
<sup>3</sup> 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 <sup>a</sup>	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF <sup>a</sup>	Luminaire Maintenance Factor		LSF	Lamp Survival Factor	

<sup>a</sup> 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 2 lamps

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
for intermediate ceilings	jet black	218-118-35	048-2798318



### 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, Linect®-Ready	105-58-30	005-2531110
DALI cable ø 4 – 12 mm, Linect®-Ready	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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**SNOOT short**

**ARTICLE NUMBER(S)**  
080-6403118



**ARTICLE NUMBER(S)**  
080-6403218



**ARTICLE NUMBER(S)**  
080-6403318

