# TWIST 100 trim 2 lamps

# 048-1120618M 048-2798318 002-90781



Project / Type

Notes

Count / Date



### General

Ceiling , Recessed	
tilt max 45°	
rotation 360°	
black , RAL9005 <sup>1</sup>	
Mounting set jet black	
IP20	
6500 lm	

### LED

4000 K	
CRI ≥ 90	
initial MacAdam ≤ 3 SDCM	
R <sub>g</sub> : 96 , R <sub>f</sub> : 89 , R <sub>{1-15}</sub> : 89	
MR 0.84	
MDER 0.76	

### Optical

F

nedium
beam angle 28°
PstLM ≤ 1.0 <sup>2</sup>
SVM ≤ 0.4 <sup>2</sup>

#### Electrical

#### Physical

trim	
length 218 mm	
width 118 mm	
height 99 mm	
0.12 kg	

#### Cutout

diameter 105 mm
length 205 mm
min. ceiling thickness 2 mm
max. ceiling thickness 25 mm
recessed depth 160 mm

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)



# Lighting calculator





XAL

['048-1120618M 048-2798318 002-90781'] 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.

Round recessed spotlight in die-cast aluminium; 2 lamps; surface black powder coated; installation without tools

in mounting set due to patented ball catch system; 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  $\leq$  3 SDCM; CRI  $\geq$  90; 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 28° 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

**Product drawing** 

> C₁ ⊃ 105×205

professional; control gear replaceable by an authorized professional;

**Light distribution** 

- C0/C180

medium 28°

EO° (Ix)

11400

2900

1300

700

500

ø (m)

0.49

0.99

1.48

1.97

2.46

h (m)

2

3

4

5

08.05.2024

# TWIST 100 trim 2 lamps

048-1120618M 048-2798318 002-90781



Project / Type

Notes Count / Date

## **Circuit Breaker Types**

Automatic Circuit Breaker Type	Number of Fixtures
B10	11
B13	15
B16	19
B20	23
C10	19
C13	25
C16	32
C20	39

## Components

MOUNTING SET with trim 2 lamps					
TYPE for intermediate ceilings	COLOUR jet black	<b>L·W·H (MM)</b> 218·118·35	ARTICLE NUMBER(S) 048-2798318	- 29	
POWER SUPPLY					
<b>L·W·H (MM)</b> 136·43·30			ARTICLE NUMBER(S) 002-90781	-	



['048-1120618M 048-2798318 002-90781] 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%, and those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour 08.05.2024 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. © XAL GmbH vAuer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com