

# TWIST 100

trim

048-1121217M 048-2796318 002-90780



Project / Type
Notes
Count / Date



Round recessed spotlight in die-cast aluminium; 1 lamp; surface white powder coated; installation without tools in mounting set due to patented ball catch system; with trim jet black; 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 3500 K; binning initial MacAdam  $\leq 2$  SDCM; CRI  $\geq 90$ ; min. 80% of luminous flux after 50000 operating hours; 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 27° beam; optical attachments available as accessories; optical attachments can be combined; 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 professional; control gear replaceable by an authorized professional;

## Light distribution



medium 27°

h (m)	E0° (lx)	ø (m)
1	10200	0.49
2	2600	0.97
3	1100	1.46
4	600	1.95
5	400	2.43

## Product drawing



### General

Ceiling , Recessed
tilt max 45°
rotation 360°
white , RAL9016 <sup>1</sup>
Mounting set jet black
front IP20 , back IP20
3190 lm

### LED

3500 K
CRI $\geq 90$
L80 / 50000 h
initial MacAdam $\leq 2$ SDCM
R <sub>g</sub> : 99 , R <sub>r</sub> : 92 , R <sub>(1-15)</sub> : 93
MR 0.61
MDER 0.55

### Optical

medium
beam angle 27°
PstLM $\leq 1.0$ <sup>2</sup>
SVM $\leq 0.4$ <sup>2</sup>

### Electrical

non DIM
system 25.3 W
inset 22.7 W
650 mA
PC2 220-240V
system 126 lm/W <sup>3</sup>
inset 140 lm/W <sup>4</sup>

### Physical

diameter 118 mm
height 99 mm
0.42 kg

### Cutout

diameter 108 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)  
<sup>3</sup> incl. optical losses and the efficiency of the operating device (converter)  
<sup>4</sup> incl. optical losses

## Installation instructions



## Lighting calculator

