



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



**General**

Ceiling , Track \_\_\_\_\_

tilt max 310° \_\_\_\_\_

rotation 360° \_\_\_\_\_

white , RAL9016 <sup>1</sup> \_\_\_\_\_

IP20 \_\_\_\_\_

986 lm \_\_\_\_\_

**LED**

3000 K \_\_\_\_\_

CRI ≥ 95 \_\_\_\_\_

L90 / 50000 h \_\_\_\_\_

initial MacAdam ≤ 2 SDCM \_\_\_\_\_

R<sub>g</sub>: 99 , R<sub>f</sub>: 94 , R<sub>t(1-15)</sub>: 96 \_\_\_\_\_

MR 0.66 \_\_\_\_\_

MDER 0.6 \_\_\_\_\_

**Optical**

spot \_\_\_\_\_

beam angle 12° \_\_\_\_\_

PstLM ≤ 1.0 <sup>2</sup> \_\_\_\_\_

SVM ≤ 0.4 <sup>2</sup> \_\_\_\_\_

Track light made of die-cast aluminium; surface white powder coated; 360° rotatable and 310° tiltable; converter installed in aluminium spotlight housing; 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 3000 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 95; min. 90% 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 12° beam; installed and exchanged without tools; optical attachments available as accessories; degree of protection IP20; PC1 220-240V; adapter for toolless insertion or movement on a variety of 3-phase power tracks; adapter fixation without tools by means of knurled screw; incl. DALI-2 converter; point outlet, either in surface mounted housing or recessed housing, available as an accessory; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

**Electrical**

DALI-2 \_\_\_\_\_

system 13.9 W \_\_\_\_\_

PC1 220-240V \_\_\_\_\_

system 71 lm/W<sup>3</sup> \_\_\_\_\_

inset 83 lm/W<sup>4</sup> \_\_\_\_\_

1 DALI Addr. \_\_\_\_\_

**Physical**

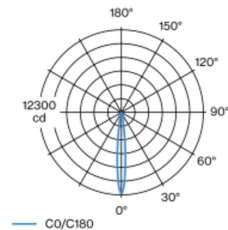
diameter 70 mm \_\_\_\_\_

height 98 mm \_\_\_\_\_

0.9 kg \_\_\_\_\_

tool-free fixation \_\_\_\_\_

Light distribution



spot 12°


h (m)	E0° (lx)	ø (m)
1	12100	0.20
2	3000	0.40
3	1300	0.60
4	800	0.81
5	500	1.01

Product drawing



<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**

