



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

Notes \_\_\_\_\_

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



**General**

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

tilt max 310° \_\_\_\_\_

rotation 360° \_\_\_\_\_

black , RAL9005 <sup>1</sup> \_\_\_\_\_

IP20 \_\_\_\_\_

231 lm \_\_\_\_\_

**LED**

4000 K \_\_\_\_\_

CRI ≥ 95 \_\_\_\_\_

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

initial MacAdam ≤ 2 SDCM \_\_\_\_\_

R<sub>g</sub>: 98 , R<sub>f</sub>: 91 , R<sub>(1-15)</sub>: 95 \_\_\_\_\_

MR 0.85 \_\_\_\_\_

MDER 0.77 \_\_\_\_\_

**Optical**

framing \_\_\_\_\_

beam angle 32° \_\_\_\_\_

PstLM ≤ 1.0 <sup>2</sup> \_\_\_\_\_

SVM ≤ 0.4 <sup>2</sup> \_\_\_\_\_

Track light made of die-cast aluminium; surface black 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 4000 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 95; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; contoured spotlight for precise circular shape; easy adjustment by iris-shaped shielding device made of stainless steel; including high quality bi-convex glass lens; sharp object focusing through adjustable lens; focusing by means of rubberised adjusting ring on the spotlight head; 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. converter, dimmable with integrated potentiometer; 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**

DIM POTI \_\_\_\_\_

system 14.0 W \_\_\_\_\_

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

system 17 lm/W<sup>3</sup> \_\_\_\_\_

inset 19 lm/W<sup>4</sup> \_\_\_\_\_

**Physical**

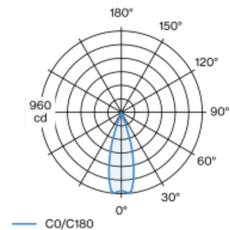
diameter 70 mm \_\_\_\_\_

height 156 mm \_\_\_\_\_

1 kg \_\_\_\_\_

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

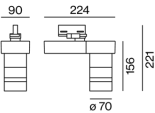
Light distribution



framing 32°

h (m)	E0° (lx)	ø (m)
1	929	0.57
2	232	1.13
3	103	1.70
4	58	2.26
5	37	2.83

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

