



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Track
 tilt max 310°
 rotation 360°
 black , RAL9005 ¹
 IP20
 957², 979³, 1030⁴, 1050⁵, 1090⁶, 1090⁷ lm

LED

4000 K
 CRI ≥ 90
 L85 / 50000 h
 initial MacAdam ≤ 2 SDCM

Optical

wide flood², medium³, flood⁴, flood⁵, super spot⁶, spot⁷
 beam angle 64², 30³, 38⁴, 40⁵, 10⁶, 19⁷
 PstLM ≤ 1.0 ⁸
 SVM ≤ 0.4 ⁸

Electrical

DIM POT1
 14.7 W
 PC1 220-240V
 65², 67³, 70⁴, 71⁵, 74⁶, 74⁷ lm/W

Physical

diameter 70 mm
 height 98 mm
 0.9 kg
 set screw (tool required)

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 ≥ 90; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. exchangeable additional lenses; precise radiation characteristics with different beam angles; optical filter available as accessory; degree of protection IP20; PC1 220-240V; adapter for toolless insertion or movement on a variety of 3-phase power tracks; adapter fixation by means of set 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;

¹ RAL code ² 64 degrees ³ 30 degrees ⁴ 38 degrees

⁵ 40 degrees ⁶ 10 degrees ⁷ 19 degrees

⁸ Value of containing product at full load (undimmed)

Installation instructions

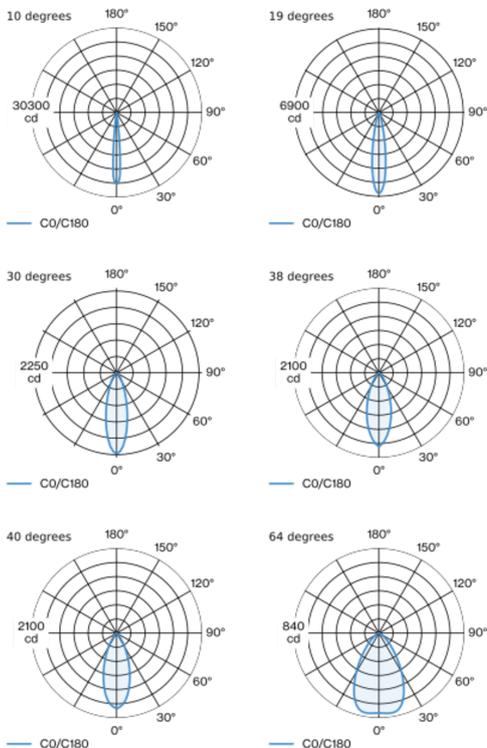


Lighting calculator

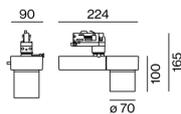




Light distribution



Product drawing



super spot 10°

h (m)	E0° (lx)	ø (m)
1	25600	0.18
2	6400	0.36
3	2800	0.53
4	1600	0.71
5	1000	0.89

spot 19°

h (m)	E0° (lx)	ø (m)
1	6650	0.33
2	1660	0.65
3	740	0.98
4	420	1.31
5	270	1.63

medium 30°

h (m)	E0° (lx)	ø (m)
1	2220	0.54
2	560	1.08
3	250	1.63
4	140	2.17
5	90	2.71

flood 38°

h (m)	E0° (lx)	ø (m)
1	1830	0.69
2	460	1.37
3	200	2.06
4	110	2.75
5	70	3.43

flood 40°

h (m)	E0° (lx)	ø (m)
1	1870	0.72
2	470	1.44
3	210	2.16
4	120	2.88
5	70	3.60

wide flood 64°

h (m)	E0° (lx)	ø (m)
1	790	1.24
2	198	2.48
3	88	3.72
4	49	4.96
5	32	6.19