



Project / Type _____

Notes _____

Count / Date _____



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 3000 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; 220-240 V; 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;



General

Ceiling | Track _____

tilt max 310° _____

rotation 360° _____

black | RAL 9005 ¹ _____

IP20 _____

890², 911³, 961⁴, 981⁵, 1010⁶, 1010⁷ lm _____

LED

3000 K _____

CRI ≥ 90 _____

L85 / 50000 h _____

initial MacAdam ≤ 2 SDCM _____

R_g: 98 | R_f: 91 | R₍₁₋₁₅₎: 89 _____

MR 0.6 | MDER 0.55 _____

Optical

wide flood², medium³, flood⁴, flood⁵, spot⁶, super spot⁷ | beam angle 64°², 30°³, 38°⁴, 40°⁵, 19°⁶, 10°⁷ _____

PstLM ≤ 1.0 ^{3 4 5 6 2 7 8} | SVM ≤ 0.4 ^{3 4 5 6 2 7 8} _____

Electrical

DIM POT1 _____

PC1 | 220-240 V _____

system 14.7 W _____

system 61², 62³, 65⁴, 67⁵, 69⁶, 69⁷ lm/W ⁹ _____

Physical

diameter 70 mm | height 98 mm _____

0.92 kg _____

set screw (tool required) _____

¹ RAL code ² 64 degrees ³ 30 degrees ⁴ 38 degrees
⁵ 40 degrees ⁶ 19 degrees ⁷ 10 degrees
⁸ Value of containing product at full load (undimmed)
⁹ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



Lighting calculator





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Light distribution



super spot 10°

h (m)	E0° (lx)	ø (m)
1	23700	0.18
2	5900	0.36
3	2600	0.53
4	1500	0.71
5	900	0.89

spot 19°

h (m)	E0° (lx)	ø (m)
1	6160	0.33
2	1540	0.65
3	680	0.98
4	390	1.31
5	250	1.63

medium 30°

h (m)	E0° (lx)	ø (m)
1	2070	0.54
2	520	1.08
3	230	1.63
4	130	2.17
5	80	2.71

flood 38°

h (m)	E0° (lx)	ø (m)
1	1710	0.69
2	430	1.37
3	190	2.06
4	110	2.75
5	70	3.43

flood 40°

h (m)	E0° (lx)	ø (m)
1	1750	0.72
2	440	1.44
3	190	2.16
4	110	2.88
5	70	3.60

wide flood 64°

h (m)	E0° (lx)	ø (m)
1	735	1.24
2	184	2.48
3	82	3.72
4	46	4.96
5	29	6.19

Product drawing

