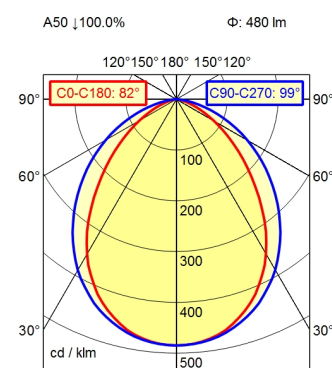


Surface-mounted luminaire MACH LED PLUS.forty MLAL 12 SD

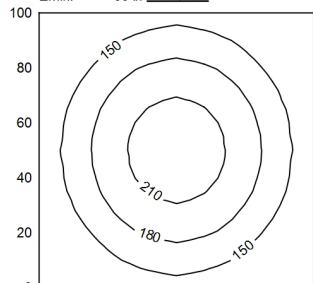
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RSFM 4/0,05 P25-1



100 x 100 cm Φ : 480 lm
Em: 162 lx
Emax: 225 lx
Emin: 99 lx



Φ : 480 lm
E: 0°

Height (m)	Beam Type	Beam Angle	Light Intensity (lx)	Beam Diameter (m)	Beam Length (m)
0.50	C0-C180: 82°	C90-C270: 99°	931 lx	0.87 m	1.17 m
1.00	C0-C180: 82°	C90-C270: 99°	233 lx	1.74 m	2.34 m
1.50	C0-C180: 82°	C90-C270: 99°	103 lx	2.61 m	3.52 m
2.00	C0-C180: 82°	C90-C270: 99°	58.2 lx	3.48 m	4.69 m

Light source	LED
Work equipment	Without
Connected load	20 - 28 V; DC
Power consumption	ca. 5 W
Luminous flux	approx. 480 lm
Luminous efficiency	approx. 96 lm/W
Light type/-color	Cold white
Colour temperatur	approx. 5.000 K
Color rendering index	CRI \geq 80
Light distribution	Wide beam; Direct; Symmetric
Beam angle	90°
Chromaticity tolerance LED	< 4 SDCM
Glare control	Without
Luminance (L65)	\leq 51.000 cd/m ²
Unified glare rating (4H 8H)	\leq 28
System of protection	IP 67
Class of protection	III
Technology	Switchable; -
Operation	External
Housing	Aluminium; Anodised; Aluminium coloured anodised Borosilicate; Clear
Light source cover	
Weight (net)	ca. 0,3 kg
Mains lead	Built-in plug; RSFM 4/0,05 P25-1
Design	mounted version
Fastening	L-angle; Clamp
Dimension	A=190 mm
Minimum ambient temperature	0 °C
Maximum ambient temperature	50 °C
Special features	Through-wired

Surface-mounted luminaire MACH LED PLUS.forty MLAL 12 SD

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