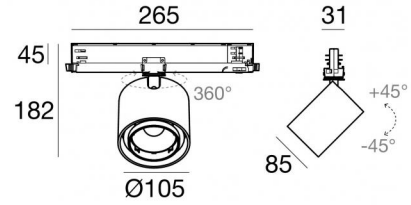




Projectors | 176-264 V
1 arrayLED 34 W DC - 40 W AC | CRI 92
81814W30



Technical data	
Type	Track
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Optics	Flood
Light emission direction	downward
Power	34 W
Source lumens	4117 lm
Frequency	50 - 60 Hz
CCT / Tone	3000 K
Colour rendering index	92 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP20
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	DALI-2 - PUSH DIM
Directional	Swivelling
total angle (vertical plane)	90 °
total angle (horizontal plane)	360 °
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	0.920 Kg
Electrostatic discharge protection	Yes
Surge protection	2 KV
Ordinary temperature on the glass	40 °C

Finishing casing	
Material	Die-cast Aluminium EN AB - 46100
Colour	Embossed white RAL 9003
Processing	Powder coating

Projectors | 176-264 V | 1 arrayLED 34 W DC - 40 W AC | CRI 92 | Base
81814W30

Single emission projectors for indoor application. The warm white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 92; the source luminous flux is 4117 lm, with a 121.1 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a embossed white ral 9003 finish, processed by means of powder coating. The ingress protection degree is IP20; the total weight is of 0.920 kg.

The total absorbed power is 40 W.

The device features protection class II and can be ceiling-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.

Energy efficiency class

This product contains a light source of energy efficiency class F.

Illuminotechnical Features

Light Output Ratio (LOR)	81 %
Source lumens	4117 lm
Delivered lumens	3339 lm
Consumption	40 W
Luminaire efficacy	83 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	92 Ra
Standard Operating Ambient Temperature	-20 / +50
Black Body Locus	On

LED Life / Failure Ratio

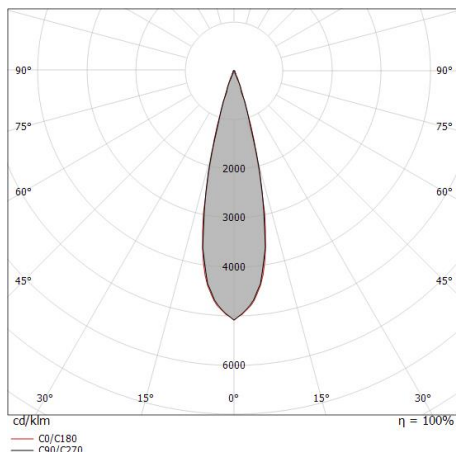
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	13.1
UGR transversal	13.2
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Light distribution simmetry	Symmetrical
C0/C180 optics	26°



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.23 0.23	E(0°) 67870 E(C90) 12.9° 31621 E(C0) 13.0° 31707
1.0	0.46 0.46	E(0°) 16967 E(C90) 12.9° 7905 E(C0) 13.0° 7927
1.5	0.69 0.69	E(0°) 7541 E(C90) 12.9° 3513 E(C0) 13.0° 3523
2.0	0.92 0.92	E(0°) 4242 E(C90) 12.9° 1976 E(C0) 13.0° 1982
2.5	1.15 1.15	E(0°) 2715 E(C90) 12.9° 1265 E(C0) 13.0° 1268
3.0	1.37 1.39	E(0°) 1885 E(C90) 12.9° 878 E(C0) 13.0° 881

— C0/C180 (Half-peak divergence: 26.0°)
 — C90/C270 (Half-peak divergence: 25.8°)





	<p>Anti-glare Anti-glare Type: elliptical filter. Material:Pom-C, colour:Matt Black.</p>	<p>Code <u>99797</u></p>
	<p>Anti-glare - Die-cast Aluminium Anti-glare Type: honeycomb louvre. Material:Pom-C, colour:Matt Black.</p>	<p>Code <u>99798</u></p>
	<p>Anti-glare Anti-glare Type: cross louvres. Material:Pom-C, colour:Matt Black.</p>	<p>Code <u>99799</u></p>
	<p>Anti-glare - White Anti-glare Type: cylindrical screen. Material:Pom-C, colour:Matt Black.</p>	<p>Code <u>99796</u></p>
	<p>Anti-glare - transparent Anti-glare Type: 45° cylindrical screen. Material:Pom-C, colour:Matt Black.</p>	<p>Code <u>99795</u></p>
	<p>Anti-glare Anti-glare Type: honeycomb louvre. Material:Pom-C, colour:Matt Black.</p>	<p>Code <u>99842</u></p>
	<p>Optics Light distribution: spot,Cover material: uv resistant polycarbonate</p>	<p>Code <u>99808</u></p>
	<p>Optics Light distribution: medium flood,Cover material: ,uv resistant polycarbonate,uv resistant polycarbonate,uv resistant polycarbonate</p>	<p>Code <u>99809</u></p>



Optics
Light distribution: flood,Cover material: ,uv resistant polycarbonate,uv resistant polycarbonate,uv resistant polycarbonate

Code
99810



Optics - Focal kit (min 16° max 42°)
Light distribution: adjustable,Cover material: ,aluminium

Code
99843