

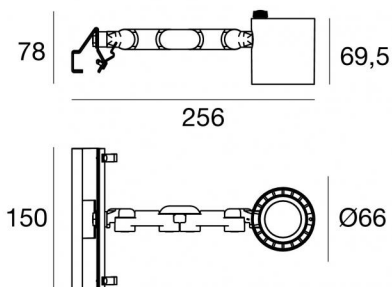
Creek Optus



Systems - Projectors | 1 arrayLED 15 W DC 400 mA

CRI 90

82731W60



Technical data

Type	Channels - -
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Wide Flood
Light emission direction	frontal
Nominal power	15 W DC
Source lumens	2318 lm
Input voltage range	400mA
CCT / Tone	3000 K
Colour rendering index	90 Ra
C.C. / C.V.	CC
Safety class	3
IP	IP20
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	No
Dimmable article	DALI - 1-10V
Directional	Extractable
total angle (vertical plane)	180 °
total angle (horizontal plane)	355 °
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	0.6 Kg
Electrostatic discharge protection	No
Surge protection	No




Finishing casing

Material	Die-cast Aluminium EN AB - 46100
Colour	White
Processing	Powder coating

Finishing base

Material	Iron
Colour	zinc

Electronics

	99734 Multi Power 198~264V AC / 180~275V DC
	99732 1-10V Multi Power 198~264V AC / 180~275V DC (1 art.)
	83322 Push and Simply Dim - DALI-2 Controller



Systems - Projectors | 1 arrayLED 15 W DC 400 mA | CRI 90 | Base 82731W60

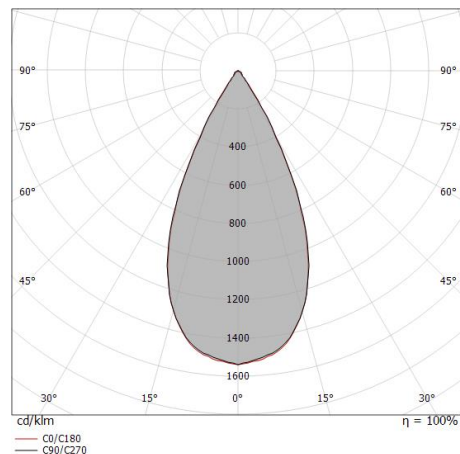
Single emission systems or projectors for indoor application. The warm white LED light source is composed of 1 arrayLEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 2318 lm, with a 154.5 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a white finish, processed by means of powder coating. The ingress protection degree is IP20; the total weight is of 0.6 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 15 W.

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

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.47 0.46	E(0°) 10737 E(C90) 25.0° 4008 E(C0) 24.7° 4058
1.0	0.93 0.92	E(0°) 2684 E(C90) 25.0° 1002 E(C0) 24.7° 1015
1.5	1.40 1.38	E(0°) 1193 E(C90) 25.0° 445 E(C0) 24.7° 451
2.0	1.87 1.84	E(0°) 671 E(C90) 25.0° 250 E(C0) 24.7° 254
2.5	2.33 2.30	E(0°) 429 E(C90) 25.0° 160 E(C0) 24.7° 162
3.0	2.80 2.76	E(0°) 298 E(C90) 25.0° 111 E(C0) 24.7° 113

— C0/C180 (Half-peak divergence: 49.4°)
— C90/C270 (Half-peak divergence: 50.0°)

Energy efficiency class

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

Illuminotechnical Features

Light Output Ratio (LOR)	75 %
Source lumens	2318 lm
Delivered lumens	1745 lm
Consumption	15 W
Luminaire efficacy	116 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	90 Ra
Colour Rendering Index	60 R9
Black Body Locus	On
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

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

UGR









UGR axial	20.3
UGR transversal	20.3
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	49°
Light distribution symmetry	Symmetrical





	<p>Diffuser Diffuser Type: elliptical filter. Material:Pom-C, colour:Black.</p>	<p>Code <u>99781</u></p>
	<p>Anti-glare Anti-glare Type: honeycomb louvre. Material:Pom-C, colour:Black.</p>	<p>Code <u>99780</u></p>
	<p>Anti-glare Anti-glare Type: cross louvres. Material:Pom-C, colour:Black.</p>	<p>Code <u>99779</u></p>
	<p>Anti-glare Anti-glare Type: cylindrical screen. Material:Pom-C, colour:Black.</p>	<p>Code <u>99783</u></p>
	<p>Anti-glare Anti-glare Type: 45° cylindrical screen. Material:Pom-C, colour:Black.</p>	<p>Code <u>99782</u></p>
	<p>Optics Light distribution: spot,Cover material: uv resistant polycarbonate</p>	<p>Code <u>99827</u></p>
	<p>Optics Light distribution: medium flood,Cover material: uv resistant polycarbonate</p>	<p>Code <u>99828</u></p>
	<p>Optics Light distribution: flood,Cover material: uv resistant polycarbonate</p>	<p>Code <u>99829</u></p>



		<p>Carter - Linear carter (pair) installation position: ceiling L=500mm, H=39.5mm, D=418mm. Material:Polystyrene, colour:Opal white.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>White</td> <td>82728</td> </tr> </tbody> </table>	Finish	Code	White	82728
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		<p>Carter - Closing cap installation position: ceiling L=425mm, H=168mm, D=26mm. Material:Iron, colour:black, processing:Powder coating.</p>	<table border="1"> <thead> <tr> <th>Code</th> </tr> </thead> <tbody> <tr> <td>99929</td> </tr> </tbody> </table>	Code	99929		
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		<p>Carter - Upper cover carter installation position: ceiling L=1000mm, H=161mm, D=425mm. Material:Iron, colour:black RAL 9005, processing:Coating.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Black</td> <td>99928</td> </tr> </tbody> </table>	Finish	Code	Black	99928
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