

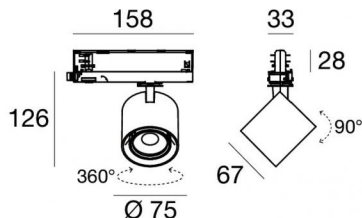
Optus_T V2



Projectors | 176-264 V AC /176-280 V DC
1 arrayLED 10 W DC - 12 W AC | CRI 98



C00996BBWSP



Technical data	
Type	Track
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Spot
Light emission direction	frontal
Nominal power	10 W DC
Total Power	12 W
Source lumens	1824 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	176 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	3000 K
Colour rendering index	98 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	No
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	0.412 Kg
Electrostatic discharge protection	Yes
Surge protection	2 KV

Finishing casing	
Material	Die-cast Aluminium EN AB - 46100
Colour	Black
Processing	Powder coating

The driver contained in the device complies with IEC 61347-2-13 annex J, and can therefore be powered by centralized power systems.



Projectors | 176-264 V AC /176-280 V DC | 1 arrayLED 10 W DC - 12 W AC | CRI 98 | Base
C00996BBWSP

Single emission projectors for indoor application. The warm white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 98; the source luminous flux is 1824 lm, with a 182.4 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of powder coating. The ingress protection degree is IP20; the total weight is of 0.412 kg.

The total absorbed power is 12 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 E.

Illuminotechnical Features

Light Output Ratio (LOR)	70 %
Source lumens	1824 lm
Delivered lumens	1293 lm
Consumption	12 W
Luminaire efficacy	107 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	98 Ra
Black Body Locus	On
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

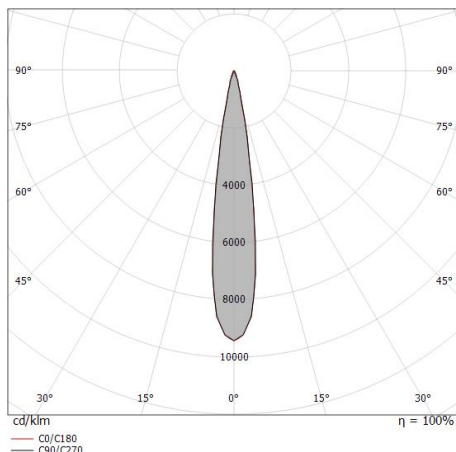
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	14.6
UGR transversal	14.6
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	16°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.14 0.14	E(0°) 48756 E(C90) 24059 E(C0) 24024
1.0	0.29 0.28	E(0°) 12189 E(C90) 6015 E(C0) 6006
1.5	0.43 0.43	E(0°) 5417 E(C90) 2673 E(C0) 2669
2.0	0.58 0.57	E(0°) 3047 E(C90) 1504 E(C0) 1501
2.5	0.72 0.71	E(0°) 1950 E(C90) 962 E(C0) 961
3.0	0.86 0.85	E(0°) 1254 E(C90) 668 E(C0) 667

— C0/C180 (Half-peak divergence: 16.2°)
 — C90/C270 (Half-peak divergence: 16.4°)

COLOR VECTOR GRAPHIC





	<p>Optics Light distribution: adjustable,Cover material: uv resistant polycarbonate</p>	<p>Code <u>C-U100002</u></p>
	<p>Optics Light distribution: adjustable,Cover material: ,uv resistant polycarbonate,uv resistant polycarbonate,uv resistant polycarbonate</p>	<p>Code <u>C-U100003</u></p>
	<p>Optics Light distribution: adjustable,Cover material: ,uv resistant polycarbonate,uv resistant polycarbonate,uv resistant polycarbonate</p>	<p>Code <u>C-U100004</u></p>
	<p>Anti-glare - Accessory for focal kit with code 83347. Anti-glare Type: honeycomb louvre. Material:Pom-C, colour:Black.</p>	<p>Code <u>99841</u></p>
	<p>Anti-glare Anti-glare Type: honeycomb louvre. Material:Pom-C, colour:Black.</p>	<p>Code <u>C-U300043</u></p>
	<p>Diffuser Diffuser Type: elliptical filter</p>	<p>Code <u>C-U300044</u></p>
	<p>Anti-glare Anti-glare Type: cylindrical screen. Material:Pom-C, colour:Black.</p>	<p>Code <u>C-U300045</u></p>
	<p>Anti-glare Anti-glare Type: 45° cylindrical screen. Material:Pom-C, colour:Black.</p>	<p>Code <u>C-U300046</u></p>



	<p>Anti-glare Anti-glare Type: cross louvres. Material:Pom-C, colour:Black.</p>	<p>Code <u>C-U300047</u></p>	
	<p>Optics Light distribution: adjustable,Cover material: ,aluminium</p>	<p>Code <u>83347</u></p>	
		<p>Track Length: 1000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.</p>	<p>Finish Code White <u>83336</u></p>
		<p>Track Length: 2000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.</p>	<p>Finish Code White <u>83337</u></p>
		<p>Track Length: 3000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.</p>	<p>Finish Code White <u>83338</u></p>
		<p>Track Length: 1000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.</p>	<p>Finish Code Black <u>83339</u></p>
		<p>Track Length: 2000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.</p>	<p>Finish Code Black <u>83340</u></p>
		<p>Track Length: 3000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.</p>	<p>Finish Code Black <u>83341</u></p>



		<p>Track - Three-phase Recessed White DALI Track, 1 m (9000-1/W-R) Length: 1000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>White</td> <td>80990</td> </tr> </tbody> </table>	Finish	Code	White	80990
Finish	Code						
White	80990						
		<p>Track - Three-phase Recessed White DALI Track, 2 m (9000-2/W-R) Length: 2000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>White</td> <td>80991</td> </tr> </tbody> </table>	Finish	Code	White	80991
Finish	Code						
White	80991						
		<p>Track - Three-phase Recessed White DALI Track, 3 m (9000-3/W-R) Length: 3000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>White</td> <td>80992</td> </tr> </tbody> </table>	Finish	Code	White	80992
Finish	Code						
White	80992						
		<p>Track - Three-phase Recessed Grey DALI Track, 1 m (9000-1/B-R) Length: 1000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Black</td> <td>80993</td> </tr> </tbody> </table>	Finish	Code	Black	80993
Finish	Code						
Black	80993						
		<p>Track - Three-phase Recessed Black DALI Track, 2 m (9000-1/B-R) Length: 2000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Black</td> <td>80994</td> </tr> </tbody> </table>	Finish	Code	Black	80994
Finish	Code						
Black	80994						
		<p>Track - Three-phase Recessed Black DALI Track, 3 m (9000-3/B-R) Length: 3000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Black</td> <td>80995</td> </tr> </tbody> </table>	Finish	Code	Black	80995
Finish	Code						
Black	80995						
		<p>Power supply - White Right power supply header (9001/W) Material:PC, colour:white.</p>	<table border="1"> <thead> <tr> <th>Code</th> </tr> </thead> <tbody> <tr> <td>81033</td> </tr> </tbody> </table>	Code	81033		
Code							
81033							
		<p>Power supply - Black Right power supply header (9001/B) Material:PC, colour:black.</p>	<table border="1"> <thead> <tr> <th>Code</th> </tr> </thead> <tbody> <tr> <td>81034</td> </tr> </tbody> </table>	Code	81034		
Code							
81034							



		<p>Power supply - White left power supply header (9002/W) Material:PC, colour:white.</p>	Code				
			<u>81036</u>				
		<p>Power supply - Black left power supply header (9002/B) Material:PC, colour:black.</p>	Code				
			<u>81037</u>				
		<p>Junction - White power supply junction - central (9010/W) Type linear. Material:PC, colour:white.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>White</td> <td>81042</td> </tr> </tbody> </table>	Finish	Code	White	81042
Finish	Code						
White	81042						
		<p>Junction - Black power supply junction - centrale (9010/B) Type linear. Material:PC, colour:black.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Black</td> <td>81043</td> </tr> </tbody> </table>	Finish	Code	Black	81043
Finish	Code						
Black	81043						
		<p>Junction - Flexible white junction (9018/W) Type flexible curve. Material:PC, colour:white.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>White</td> <td>81066</td> </tr> </tbody> </table>	Finish	Code	White	81066
Finish	Code						
White	81066						
		<p>Junction - Flexible black junction (9018/B) Type flexible curve. Material:PC, colour:black.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Black</td> <td>81067</td> </tr> </tbody> </table>	Finish	Code	Black	81067
Finish	Code						
Black	81067						
		<p>Junction - Left white T junction - external (9013/W) Type linear. Material:PC, colour:white.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>White</td> <td>81051</td> </tr> </tbody> </table>	Finish	Code	White	81051
Finish	Code						
White	81051						
		<p>Junction - Black left T junction - external (9013/B) Type linear. Material:PC, colour:black.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Black</td> <td>81052</td> </tr> </tbody> </table>	Finish	Code	Black	81052
Finish	Code						
Black	81052						



		<p>Junction - Right white T junction - external (9014/W) Type linear. Material:PC, colour:white.</p>	<p>Finish White</p>	<p>Code 81054</p>
		<p>Junction - Right black T junction - external (9014/B) Type linear. Material:PC, colour:black.</p>	<p>Finish Black</p>	<p>Code 81055</p>
		<p>Closing cap - White end cap 9004/W Material:PC, colour:white.</p>		<p>Code 80999</p>
		<p>Closing cap - Black end cap 9004/B Material:PC, colour:black.</p>		<p>Code 81000</p>
		<p>Junction - White electrical junction - internal (9003/W) Type linear. Material:PC, colour:white.</p>	<p>Finish White</p>	<p>Code 81039</p>
		<p>Junction - Black electrical junction - internal (9003/B) Type linear. Material:PC, colour:black.</p>	<p>Finish Black</p>	<p>Code 81040</p>
		<p>Junction - White L junction - internal (9011/W) Type linear. Material:PC, colour:white.</p>	<p>Finish White</p>	<p>Code 81045</p>
		<p>Junction - Black L junction - internal (9011/B) Type linear. Material:PC, colour:black.</p>	<p>Finish Black</p>	<p>Code 81046</p>

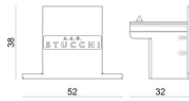


		<p>Junction - White L junction - external (9012/W) Type linear. Material:PC, colour:white.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>White</td> <td>81048</td> </tr> </tbody> </table>	Finish	Code	White	81048
Finish	Code						
White	81048						
		<p>Junction - Black L junction - external (9012/B) Type linear. Material:PC, colour:black.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Black</td> <td>81049</td> </tr> </tbody> </table>	Finish	Code	Black	81049
Finish	Code						
Black	81049						
		<p>Junction - White X junction (9017/W) Type linear. Material:PC, colour:white.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>White</td> <td>81063</td> </tr> </tbody> </table>	Finish	Code	White	81063
Finish	Code						
White	81063						
		<p>Junction - Black X junction (9017/B) Type linear. Material:PC, colour:black.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Black</td> <td>81064</td> </tr> </tbody> </table>	Finish	Code	Black	81064
Finish	Code						
Black	81064						
		<p>Junction - Left white T junction - internal (9015/W) Type linear. Material:PC, colour:white.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>White</td> <td>81057</td> </tr> </tbody> </table>	Finish	Code	White	81057
Finish	Code						
White	81057						
		<p>Junction - Left black T junction - internal (9015/B) Type linear. Material:PC, colour:black.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Black</td> <td>81058</td> </tr> </tbody> </table>	Finish	Code	Black	81058
Finish	Code						
Black	81058						
		<p>Junction - Right White T junction - internal (9016/W) Type linear. Material:PC, colour:white.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>White</td> <td>81060</td> </tr> </tbody> </table>	Finish	Code	White	81060
Finish	Code						
White	81060						
		<p>Junction - Right black T junction - internal (9016/B) Type linear. Material:PC, colour:black.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Black</td> <td>81061</td> </tr> </tbody> </table>	Finish	Code	Black	81061
Finish	Code						
Black	81061						



Closing cap - Recessed white end cap 9004-R/W
 Material:PC, colour:white.

Code
81002



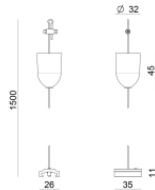
Closing cap - Recessed black end cap 9004-R/B
 Material:PC, colour:black.

Code
81003



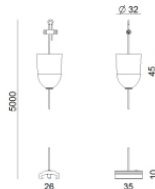
Ceiling rose - 1.5m white pendant luminaire kit + bracket (9000-KIT5-1,5-W)
 Material:plastic, colour:white.

Code
81012



Ceiling rose - 1.5m black pendant luminaire kit + bracket ((9000-KIT5-1,5-B)
 Material:plastic, colour:black.

Code
81014



Ceiling rose - 5m white pendant luminaire kit + bracket (9000-KIT5-5-W)
 Material:plastic, colour:white.

Code
81013



Ceiling rose - 5m black pendant luminaire kit + bracket (9000-KIT5-5-B)
 Material:plastic, colour:black.

Code
81015



Suspensions - White rigid suspension 1m (S-9000-P3-W)
 Material:plastic, colour:white.

Code
81021

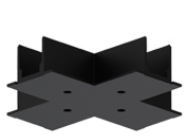


Suspensions - Black rigid suspension 1m (S-9000-P3-B)
 Material:plastic, colour:black.

Code
81022

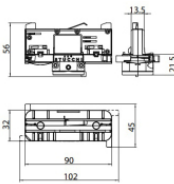


		<p>Bracket - Anodized fixing bracket (S-9000/131) L=35mm, H=14mm, D=24mm. Material:Aluminium, colour:translucent.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Anod. Al.</td> <td>81086</td> </tr> </tbody> </table>	Finish	Code	Anod. Al.	81086
Finish	Code						
Anod. Al.	81086						
		<p>Bracket - White fixing bracket (S-9000/131-W) L=35mm, H=14mm, D=24mm. Material:Aluminium, colour:white, processing:Coating.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>White</td> <td>81087</td> </tr> </tbody> </table>	Finish	Code	White	81087
Finish	Code						
White	81087						
		<p>Bracket - Black fixing bracket (S-9000/131-B) L=35mm, H=14mm, D=24mm. Material:Aluminium, colour:Black, processing:Coating.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Black</td> <td>81088</td> </tr> </tbody> </table>	Finish	Code	Black	81088
Finish	Code						
Black	81088						
		<p>Cable cover - White recessed cover (S-9001-R/6-W) Material:PC, colour:white.</p>	<table border="1"> <thead> <tr> <th>Code</th> </tr> </thead> <tbody> <tr> <td>81069</td> </tr> </tbody> </table>	Code	81069		
Code							
81069							
		<p>Cable cover - Black recessed cover (S-9001-R/6-B) Material:PC, colour:black.</p>	<table border="1"> <thead> <tr> <th>Code</th> </tr> </thead> <tbody> <tr> <td>81070</td> </tr> </tbody> </table>	Code	81070		
Code							
81070							
		<p>Cable cover - White cover for recessed L junction (S-9011-R/6-W) Material:PC, colour:white.</p>	<table border="1"> <thead> <tr> <th>Code</th> </tr> </thead> <tbody> <tr> <td>81075</td> </tr> </tbody> </table>	Code	81075		
Code							
81075							
		<p>Cable cover Material:PC, colour:black.</p>	<table border="1"> <thead> <tr> <th>Code</th> </tr> </thead> <tbody> <tr> <td>81076</td> </tr> </tbody> </table>	Code	81076		
Code							
81076							
		<p>Cable cover - White cover for recessed X junction (S-9017-R/6-W) Material:PC, colour:white.</p>	<table border="1"> <thead> <tr> <th>Code</th> </tr> </thead> <tbody> <tr> <td>81081</td> </tr> </tbody> </table>	Code	81081		
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81081							



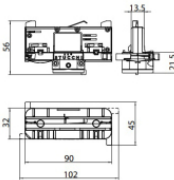
Cable cover - Black cover for recessed X junction (S-9017-R/6-B)
 Material:PC, colour:black.

Code
81082



White three-phase adapter (9009-4/W)

Code
81091



Black three-phase adapter (9009-4/B)

Code
81093



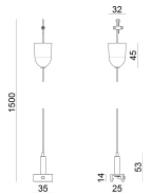
Tool - Cutter S-9000/T

Code
81005



Suspensions - 1.5m white pendant luminaires kit (9000-KIT3-1,5-W)
 Material:plastic, colour:white.

Code
81006



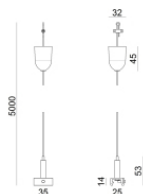
Suspensions - 1.5m black pendant luminaires kit (9000-KIT3-1,5-B)
 Material:plastic, colour:black.

Code
81008



Suspensions - 5m white pendant luminaires kit (9000-KIT3-5-W)
 Material:plastic, colour:white.

Code
81007



Suspensions - 5m black pendant luminaires kit (9000-KIT3-5-B)
 Material:plastic, colour:black.

Code
81009



Suspensions - White rigid suspension clip (S-9000-P2-W)
 Material:plastic, colour:white.

Code
81018




Suspensions - Black rigid suspension clip (S-9000-P2-B)
 Material:plastic, colour:black.

Code
81019



Bracket - Anodized stiffening bracket (S-9000/333)
 L=180mm, H=24mm, D=26mm.


Material:Aluminium, colour:Anodised Aluminum, processing:Anodisation.

Finish
 **Code**
81024



Bracket - White stiffening bracket (S-9000/333-W)
 L=180mm, H=24mm, D=20mm.


Material:Aluminium, colour:white RAL 9010, processing:Coating.

Finish
 **Code**
81025



Bracket - Black stiffening bracket (S-9000/333-B)
 L=180mm, H=24mm, D=20mm.

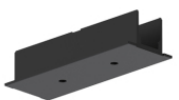
Material:Aluminium, colour:black RAL 9005, processing:Coating.

Finish
 **Code**
81026



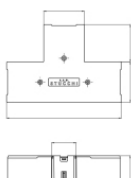
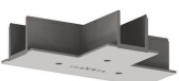
Cable cover - White cover for recessed junction (S-9010-R/6-W)
 Material:PC, colour:white.

Code
81072



Cable cover - Black cover for recessed junction (S-9010-R/6-B)
 Material:PC, colour:black.

Code
81073



Cable cover - White cover for recessed T junction (S-9013-R/6-W)
 Material:PC, colour:white.

Code
81078



	<p>Cable cover - Black cover for recessed T junction (S-9013-R/6-B) Material:PC, colour:black.</p>	<p>Code <u>81079</u></p>
	<p>Cable cover Material:white.</p>	<p>Code <u>83249</u></p>
	<p>Cable cover Material:black, colour:black.</p>	<p>Code <u>83250</u></p>
	<p>Closing cap - White gasket (S-9001/115-W) Material:white.</p>	<p>Code <u>81084</u></p>
	<p>Closing cap - Black gasket (S-9001/115-B) Material:black, colour:black.</p>	<p>Code <u>81085</u></p>
	<p>White three-phase/DALI adapter (9009/W)</p>	<p>Code <u>81094</u></p>
	<p>Black three-phase/DALI adapter (9009/B)</p>	<p>Code <u>81095</u></p>