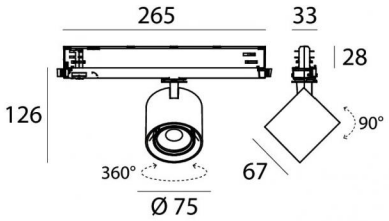
Optus_T V2

Projectors | 176-264 V AC /176-280 V DC
1 arrayLED 10 W DC - 12 W AC | CRI 98
C00999BBNWF



Technical data	
Type	Track
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Wide Flood
Light emission direction	frontal
Nominal power	10 W DC
Total Power	12 W
Source lumens	1822 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	176 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	4000 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	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	0.412 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.

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Optus_T V2

Projectors | 176-264 V AC /176-280 V DC | 1 arrayLED 10 W DC - 12 W AC | CRI 98 | Base
C00999BBNWF

Single emission projectors for indoor application. The natural white LED light source with a wide flood light distribution is composed of 1 arrayled LEDs with CCT of 4000 K and a CRI 98; the source luminous flux is 1822 lm, with a 182.2 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.

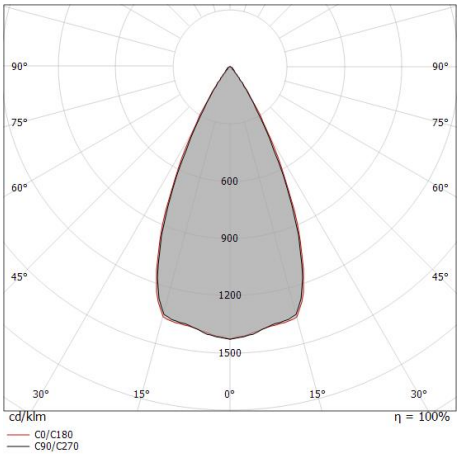
Energy efficiency class
This product contains a light source of energy efficiency class F.

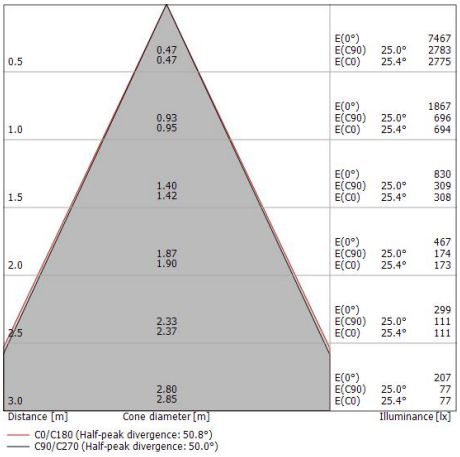
Illuminotechnical Features	
Light Output Ratio (LOR)	71 %
Source lumens	1822 lm
Delivered lumens	1309 lm
Consumption	12 W
Luminaire efficacy	109 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	98 Ra
Black Body Locus	On
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio
L70 B10 C0 252000h (at Tj 65 Ta 25)

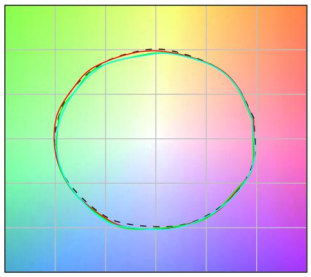
UGR	
UGR axial	19
UGR transversal	19.2
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

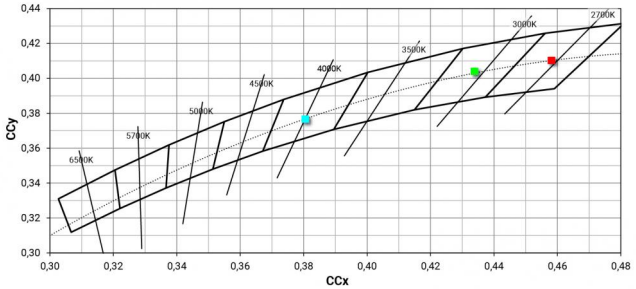
OPTICAL	
C0/C180 optics	50°
Light distribution simmetry	Symmetrical





COLOR VECTOR GRAPHIC





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Optus_T V2 | Projectors | Accessories
C00999BBNWF

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

Code
C-U100002

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

Code
C-U100003

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

Code
C-U100004

Anti-glare - Accessory for focal kit with code 83347.
Anti-glare Type: honeycomb louvre.
Material:Pom-C, colour:Black.

Code
99841

Anti-glare
Anti-glare Type: honeycomb louvre.
Material:Pom-C, colour:Black.

Code
C-U300043

Diffuser
Diffuser Type: elliptical filter

Code
C-U300044

Anti-glare
Anti-glare Type: cylindrical screen.
Material:Pom-C, colour:Black.

Code
C-U300045

Anti-glare
Anti-glare Type: 45° cylindrical screen.
Material:Pom-C, colour:Black.

Code
C-U300046

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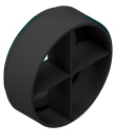
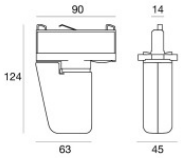
Optus_T V2 | Projectors | Accessories
C00999BBNWF



Anti-glare
Anti-glare Type: cross louvres.
Material:Pom-C, colour:Black.

Code
C-U300047

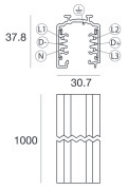


Electronic accessory - TWIL-DALI controller for devices with DALI protocol installed on three-phase track.
installation position: ceiling L=90mm, H=124mm, D=45mm.
Material:ABS Plastic, colour:black.

Code
C-E700008

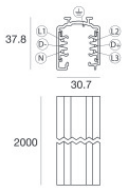
Optics
Light distribution: adjustable,Cover material: ,aluminium

Code
83347



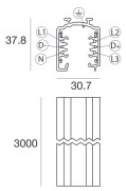
Track
Length: 1000mm; Type of track: Standard.
Material:Aluminium, colour:White, processing:Coating.

Finish	Code
White	83336



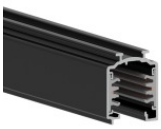
Track
Length: 2000mm; Type of track: Standard.
Material:Aluminium, colour:White, processing:Coating.

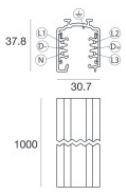
Finish	Code
White	83337



Track
Length: 3000mm; Type of track: Standard.
Material:Aluminium, colour:White, processing:Coating.

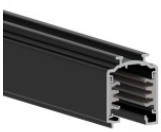
Finish	Code
White	83338

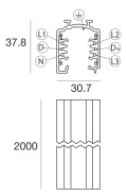




Track
Length: 1000mm; Type of track: Standard.
Material:Aluminium, colour:Black, processing:Coating.

Finish	Code
Black	83339





Track
Length: 2000mm; Type of track: Standard.
Material:Aluminium, colour:Black, processing:Coating.

Finish	Code
Black	83340

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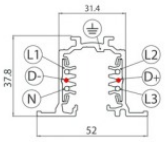
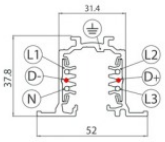


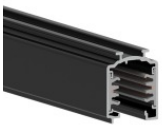
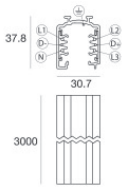
Track - Three-phase Recessed White DALI Track, 1 m (9000-1/W-R)
Length: 1000mm; Type of track: Standard.
Material:Aluminium, colour:White, processing:Coating.

Finish	Code
White	80990



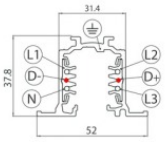
Track - Three-phase Recessed White DALI Track, 2 m (9000-2/W-R)
Length: 2000mm; Type of track: Standard.
Material:Aluminium, colour:White, processing:Coating.

Finish	Code
White	80991

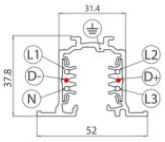
Track
Length: 3000mm; Type of track: Standard.
Material:Aluminium, colour:Black, processing:Coating.

Finish	Code
Black	83341



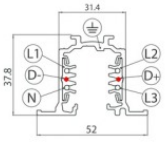
Track - Three-phase Recessed Grey DALI Track, 1 m (9000-1/B-R)
Length: 1000mm; Type of track: Standard.
Material:Aluminium, colour:Black, processing:Coating.

Finish	Code
Black	80993



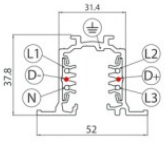
Track - Trhee-phase Recessed White DALI Track, 3 m (9000-3/W-R)
Length: 3000mm; Type of track: Standard.
Material:Aluminium, colour:White, processing:Coating.

Finish	Code
White	80992



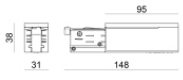
Track - Three-phase Recessed Black DALI Track, 2 m (9000-1/B-R)
Length: 2000mm; Type of track: Standard.
Material:Aluminium, colour:Black, processing:Coating.

Finish	Code
Black	80994



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.

Finish	Code
Black	80995



Power supply - White Right power supply header (9001/W)
Material:PC, colour:white.

Code
81033

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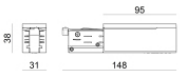
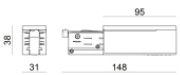


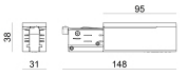
Power supply - Black Right power supply header (9001/B)
Material:PC, colour:black.

Code
81034



Power supply - White left power supply header (9002/W)
Material:PC, colour:white.

Code
81036



Power supply - Black left power supply header (9002/B)
Material:PC, colour:black.

Code
81037

Junction - White power supply junction - central (9010/W)
Type linear.
Material:PC, colour:white.

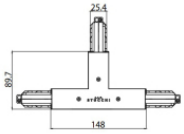
Finish White
Code
81042

Junction - Black power supply junction - centrale (9010/B)
Type linear.
Material:PC, colour:black.

Finish Black
Code
81043

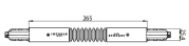
Junction - Flexible white junction (9018/W)
Type flexible curve.
Material:PC, colour:white.

Finish White
Code
81066



Junction - Left white T junction - external (9013/W)
Type linear.
Material:PC, colour:white.

Finish White
Code
81051



Junction - Flexible black junction (9018/B)
Type flexible curve.
Material:PC, colour:black.

Finish Black
Code
81067

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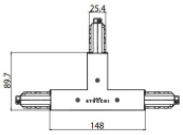
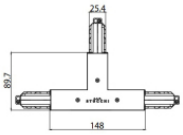
Optus_T V2 | Projectors | Accessories
C00999BBNWF



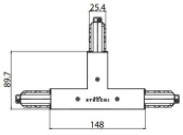
Junction - Black left T junction - external (9013/B)
Type linear.
Material:PC, colour:black.

Finish	Code
Black	81052



Junction - Right black T junction - external (9014/B)
Type linear.
Material:PC, colour:black.

Finish	Code
Black	81055

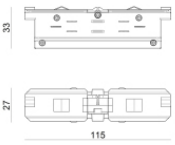


Junction - Right white T junction - external (9014/W)
Type linear.
Material:PC, colour:white.

Finish	Code
White	81054

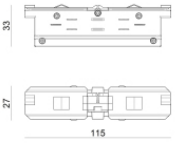
Closing cap - Black end cap 9004/B
Material:PC, colour:black.

Code
81000



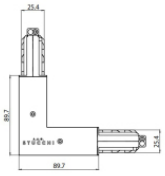
Junction - White electrical junction - internal (9003/W)
Type linear.
Material:PC, colour:white.

Finish	Code
White	81039



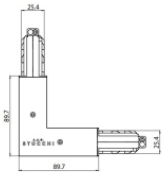
Junction - Black electrical junction - internal (9003/B)
Type linear.
Material:PC, colour:black.

Finish	Code
Black	81040



Junction - White L junction - internal (9011/W)
Type linear.
Material:PC, colour:white.

Finish	Code
White	81045



Junction - Black L junction - internal (9011/B)
Type linear.
Material:PC, colour:black.

Finish	Code
Black	81046

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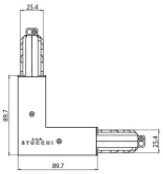
Optus_T V2 | Projectors | Accessories
C00999BBNWF

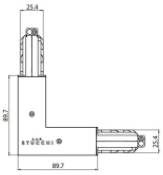
Closing cap - White end cap 9004/W
Material:PC, colour:white.

Code
80999



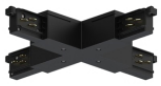
Junction - Black L junction - external (9012/B)
Type linear.
Material:PC, colour:black.

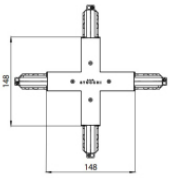
Finish	Code
Black	81049



Junction - White L junction - external (9012/W)
Type linear.
Material:PC, colour:white.

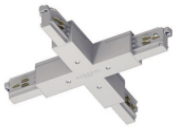
Finish	Code
White	81048

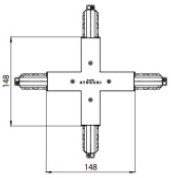




Junction - Black X junction (9017/B)
Type linear.
Material:PC, colour:black.

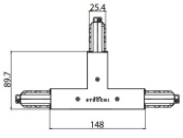
Finish	Code
Black	81064





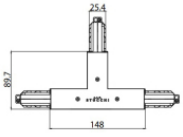
Junction - White X junction (9017/W)
Type linear.
Material:PC, colour:white.

Finish	Code
White	81063



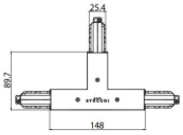
Junction - Left white T junction - internal (9015/W)
Type linear.
Material:PC, colour:white.

Finish	Code
White	81057



Junction - Left black T junction - internal (9015/B)
Type linear.
Material:PC, colour:black.

Finish	Code
Black	81058



Junction - Right White T junction - internal (9016/W)
Type linear.
Material:PC, colour:white.

Finish	Code
White	81060

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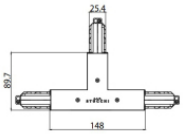
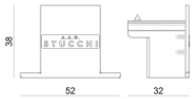


Junction - Right black T junction - internal (9016/B)
Type linear.
Material:PC, colour:black.

Finish Black
Code 81061



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

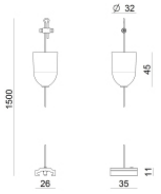
Code 81003

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

Code 81012

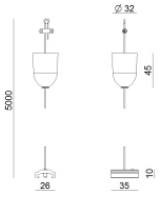
Closing cap - Recessed white end cap 9004-R/W
Material:PC, colour:white.

Code 81002



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

Code 81014



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

Code 81013

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

Code 81015

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

Code 81022

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Bracket - Anodized fixing bracket (S-9000/131)
L=35mm, H=14mm, D=24mm.
Material:Aluminium, colour:translucent.

Finish	Code
Anod. Al.	81086

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

Code
81021

Bracket - White fixing braket (S-9000/131-W)
L=35mm, H=14mm, D=24mm.
Material:Aluminium, colour:white, processing:Coating.

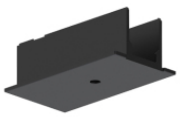
Finish	Code
White	81087

Bracket - Black fixing braket (S-9000/131-B)
L=35mm, H=14mm, D=24mm.
Material:Aluminium, colour:Black, processing:Coating.

Finish	Code
Black	81088

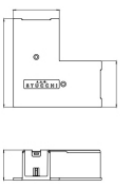
Cable cover - White recessed cover (S-9001-R/6-W)
Material:PC, colour:white.

Code
81069



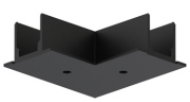
Cable cover - Black recessed cover (S-9001-R/6-B)
Material:PC, colour:black.

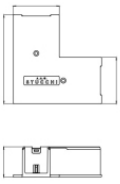
Code
81070



Cable cover - White cover for recessed L junction (S-9011-R/6-W)
Material:PC, colour:white.

Code
81075





Cable cover
Material:PC, colour:black.

Code
81076

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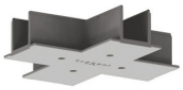
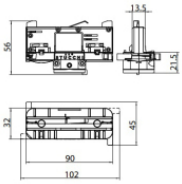


Cable cover - White cover for recessed X junction (S-9017-R/6-W)
Material:PC, colour:white.

Code
81081

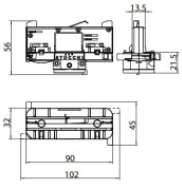
Cable cover - Black cover for recessed X junction (S-9017-R/6-B)
Material:PC, colour:black.

Code
81082



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

Code
81091



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

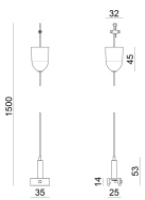
Code
81093

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

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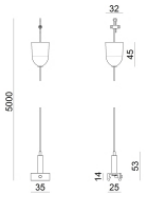
Suspensions - White rigid suspension clip (S-9000-P2-W)
Material:plastic, colour:white.

Code
81018



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

Code
81009

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.

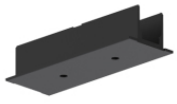
Finish | **Code**
81024

Bracket - White stiffening bracket (S-9000/333-W)
L=180mm, H=24mm, D=20mm.
Material:Aluminium, colour:white RAL 9010, processing:Coating.

Finish | **Code**
White | 81025

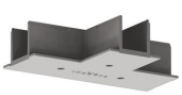
Bracket - Black stiffening bracket (S-9000/333-B)
L=180mm, H=24mm, D=20mm.
Material:Aluminium, colour:black RAL 9005, processing:Coating.

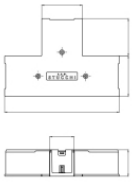
Finish | **Code**
Black | 81026



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

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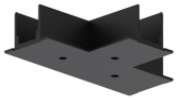
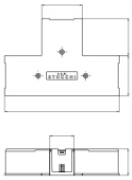
Cable cover - White cover for recessed junction (S-9010-R/6-W)
Material:PC, colour:white.

Code
81072

Cable cover - Black cover for recessed T junction (S-9013-R/6-B)
Material:PC, colour:black.

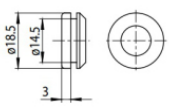
Code
81079

Cable cover
Material:black, colour:black.

Code
83250

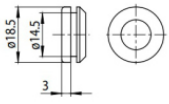
Cable cover
Material:white.

Code
83249



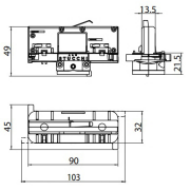
Closing cap - White gasket (S-9001/115-W)
Material:white.

Code
81084



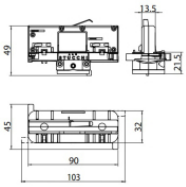
Closing cap - Black gasket (S-9001/115-B)
Material:black, colour:black.

Code
81085



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

Code
81094



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

Code
81095

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