

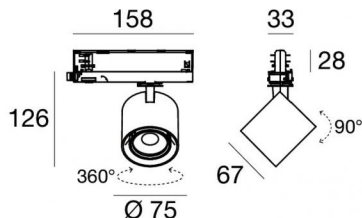
# Optus\_T V2



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



**C00996WHNSP**



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	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	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	White
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  
**C00996WHNSP**

Single emission projectors for indoor application. The natural white LED light source with a spot light distribution is composed of 1 arrayed 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 white 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	1298 lm
Consumption	12 W
Luminaire efficacy	108 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

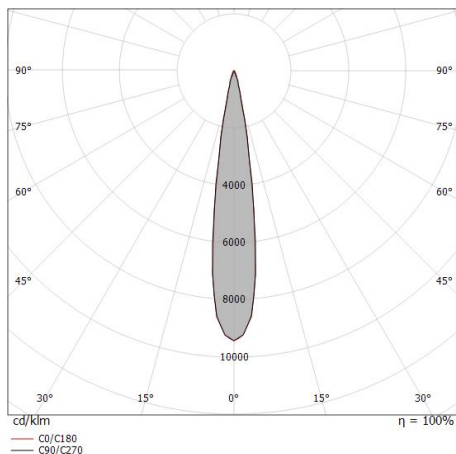
L70 B10 C0 252000h (at Tj 65 Ta 25 )

### UGR

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

### OPTICAL

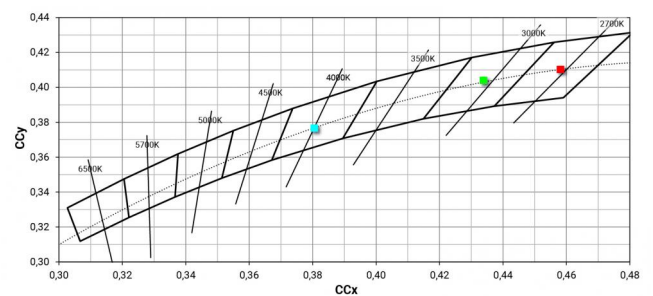
C0/C180 optics	16°
Light distribution symmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.14 0.14	E(0°) 48945 E(C90) 24152 E(C0) 24117
1.0	0.29 0.28	E(0°) 12236 E(C90) 6038 E(C0) 6029
1.5	0.43 0.43	E(0°) 5438 E(C90) 2684 E(C0) 2680
2.0	0.58 0.57	E(0°) 3059 E(C90) 1510 E(C0) 1507
2.5	0.72 0.71	E(0°) 1958 E(C90) 966 E(C0) 965
3.0	0.86 0.85	E(0°) 1260 E(C90) 671 E(C0) 670

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



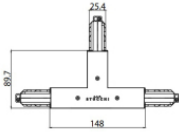
	<p>Anti-glare                      Anti-glare Type: cross louvres.                      Material:Pom-C, colour:Black.</p>	<p><b>Code</b>  <u>C-U300047</u></p>
	<p>Optics                      Light distribution: adjustable,Cover material: ,aluminium</p>	<p><b>Code</b>  <u>83347</u></p>
	<p>Track                      Length: 1000mm; Type of track: Standard.                      Material:Aluminium, colour:White, processing:Coating.</p>	<p><b>Finish</b>    <b>Code</b>  <span style="border: 1px solid black; padding: 2px;">White</span>    <u>83336</u></p>
	<p>Track                      Length: 2000mm; Type of track: Standard.                      Material:Aluminium, colour:White, processing:Coating.</p>	<p><b>Finish</b>    <b>Code</b>  <span style="border: 1px solid black; padding: 2px;">White</span>    <u>83337</u></p>
	<p>Track                      Length: 3000mm; Type of track: Standard.                      Material:Aluminium, colour:White, processing:Coating.</p>	<p><b>Finish</b>    <b>Code</b>  <span style="border: 1px solid black; padding: 2px;">White</span>    <u>83338</u></p>
	<p>Track                      Length: 1000mm; Type of track: Standard.                      Material:Aluminium, colour:Black, processing:Coating.</p>	<p><b>Finish</b>    <b>Code</b>  <span style="background-color: black; color: white; padding: 2px;">Black</span>    <u>83339</u></p>
	<p>Track                      Length: 2000mm; Type of track: Standard.                      Material:Aluminium, colour:Black, processing:Coating.</p>	<p><b>Finish</b>    <b>Code</b>  <span style="background-color: black; color: white; padding: 2px;">Black</span>    <u>83340</u></p>
	<p>Track                      Length: 3000mm; Type of track: Standard.                      Material:Aluminium, colour:Black, processing:Coating.</p>	<p><b>Finish</b>    <b>Code</b>  <span style="background-color: black; color: white; padding: 2px;">Black</span>    <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							

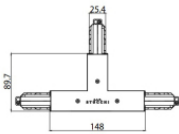


		<p>Power supply - White left power supply header (9002/W)                      Material:PC, colour:white.</p>	<p><b>Code</b>                      81036</p>
		<p>Power supply - Black left power supply header (9002/B)                      Material:PC, colour:black.</p>	<p><b>Code</b>                  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



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

Finish	Code
White	81054



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

Finish	Code
Black	81055



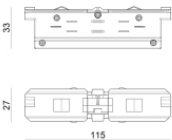
Closing cap - White end cap 9004/W  
 Material:PC, colour:white.

Code
80999



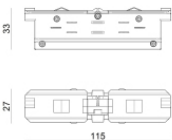
Closing cap - Black end cap 9004/B  
 Material:PC, colour:black.

Code
81000



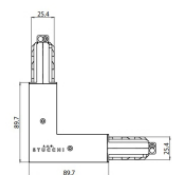
Junction - White electrical junction - internal (9003/W)  
 Type linear.  
 Material:PC, colour:white.

Finish	Code
White	81039



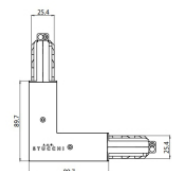
Junction - Black electrical junction - internal (9003/B)  
 Type linear.  
 Material:PC, colour:black.

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



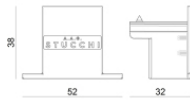
		<p>Junction - White L junction - external (9012/W) Type linear. Material:PC, colour:white.</p>	<p><b>Finish</b> White</p>	<p><b>Code</b> 81048</p>
		<p>Junction - Black L junction - external (9012/B) Type linear. Material:PC, colour:black.</p>	<p><b>Finish</b> Black</p>	<p><b>Code</b> 81049</p>
		<p>Junction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





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

**Code**  
81002



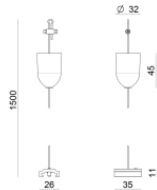
Closing cap - Recessed black end cap 9004-R/B  
 Material:PC, colour:black.

**Code**  
81003



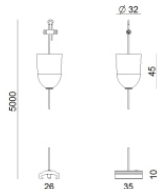
Ceiling rose - 1.5m white pendant luminaires kit + bracket (9000-KIT5-1,5-W)  
 Material:plastic, colour:white.

**Code**  
81012



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

**Code**  
81021

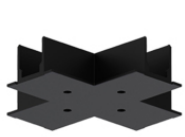


Suspensions - Black rigid suspension 1m (S-9000-P3-B)  
 Material:plastic, colour:black.

**Code**  
81022

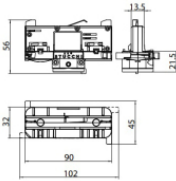


		<p>Bracket - Anodized fixing bracket (S-9000/131) L=35mm, H=14mm, D=24mm. Material:Aluminium, colour:translucent.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Anod. Al.</td> <td>81086</td> </tr> </tbody> </table>	Finish	Code	Anod. Al.	81086
Finish	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							



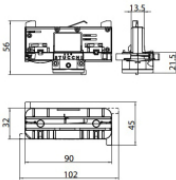
Cable cover - Black cover for recessed X junction (S-9017-R/6-B)  
 Material:PC, colour:black.

**Code**  
81082



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

**Code**  
81091



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

**Code**  
81093



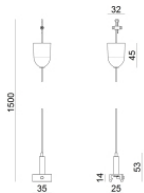
Tool - Cutter S-9000/T

**Code**  
81005



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

**Code**  
81006



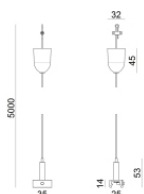
Suspensions - 1.5m black pendant luminaires kit (9000-KIT3-1,5-B)  
 Material:plastic, colour:black.

**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



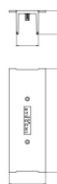
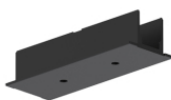
Bracket - Black stiffening bracket (S-9000/333-B)  
L=180mm, H=24mm, D=20mm.  
Material:Aluminium, colour:black RAL 9005, processing:Coating.

**Finish**  
 **Code**  
81026



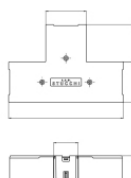
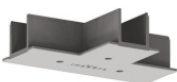
Cable cover - White cover for recessed junction (S-9010-R/6-W)  
Material:PC, colour:white.

**Code**  
81072



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

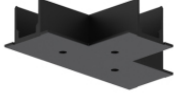
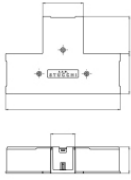



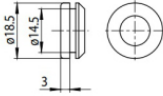

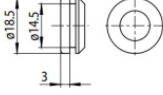

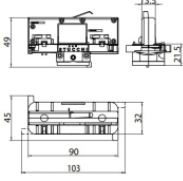

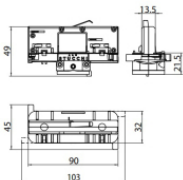
**Code**  
81073



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