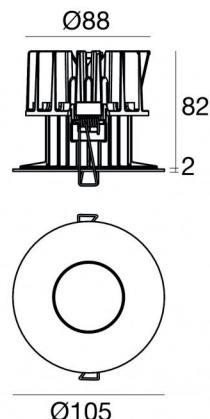




Downlights | 1 arrayLED 9 W DC 700 mA | CRI 90  
77336M10




Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Spot
Light emission direction	downward
Lampe Nennleistung	9 W DC
Lichtstrom (Lichtquelle)	1059 lm
Eingangsspannungsbereich	700mA
Ähnlichste Farbtemperatur / Tone	2700 K
Farbwiedergabeindex	90 Ra
Gleichstrom/Gleichspannung	CC
Isolierklasse	3
IP	IP40
IP optisches System	IP65
Glühdrahtprüfung	850°
Direkte Montage auf normal entflammaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Nein
Leuchte dimmbar	DALI - 1-10V
Schwenkbarkeit	Nein
Drehbarkeit	Nein
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	0.2 m
Harzbeschichtung	Nein
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.3 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein


Oberfläche Gehäuse	
Material	Technopolymer
Farbe	weiß RAL 9003


Oberfläche Diffusor	
Material	Polycarbonat UV-beständige
Farbe	transparent


Oberfläche strahler	
Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Aluminium
Bearbeitungstyp	Polieren


#### Elektronik

 99147  
On/Off Driver 198~264V AC

 99735  
Multi Power 198~264V AC / 180~275V DC

 99733  
1-10V Multi Power 198~264V AC / 180~275V DC

 C-E100012  
Push and Simply Dim - DALI-2 Controller

 C-E100016  
Push and Simply Dim - DALI-2 Controller

Cables Electrification	
Cable connector	JST Quick connector Male + Female

## Downlights | 1 arrayLED 9 W DC 700 mA | CRI 90 77336M10

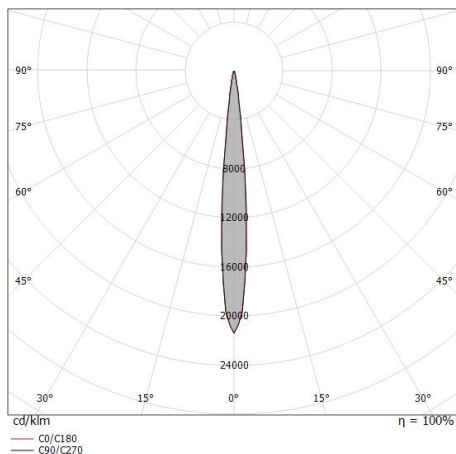
Single emission recessed downlights for indoor application. The super warm white LED light source with a spot light distribution is composed of 1 arrayLEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 1059 lm, with a 117.7 lm/W nominal luminous efficacy.

The device body is made of technopolymer and features a white ral 9003 finish; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP40; the total weight is of 0.3 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 9 W. The power supply cable is included and features a 0.2 m length.

The device features protection class III and can be ceiling-mounted, with a 95 mm diameter hole (in plasterboard) with an outer casing, code 83065(for concrete or masonry).

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.09 0.09	E(0°) 59867 E(C90) 5.2° 29861 E(C0) 4.9° 30037
1.0	0.18 0.17	E(0°) 14967 E(C90) 5.2° 7465 E(C0) 4.9° 7509
1.5	0.27 0.26	E(0°) 6652 E(C90) 5.2° 3318 E(C0) 4.9° 3337
2.0	0.36 0.34	E(0°) 3742 E(C90) 5.2° 1866 E(C0) 4.9° 1877
2.5	0.46 0.43	E(0°) 2395 E(C90) 5.2° 1194 E(C0) 4.9° 1201
3.0	0.55 0.51	E(0°) 1663 E(C90) 5.2° 829 E(C0) 4.9° 834

Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 9.8°)  
— C90/C270 (Half-peak divergence: 10.4°)

### Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

### Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	66 %
Lichtstrom (Lichtquelle)	1059 lm
Leuchten Lichtstrom	700 lm
Consumption	9 W
Leuchten Lichtausbeute	77 lm/W
Farbtemperatur	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	90 Ra
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

### LED Life / Failure Ratio

L70 B10 C0 112960h (at Tj 65 Ta 25 )












### UGR

UGR axial	3.1
UGR transversal	3.1
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

Optik C0/C180	10°
Light distribution simmetry	Symmetrical




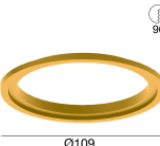
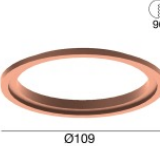
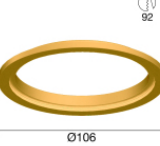
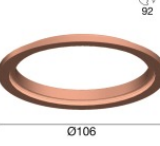
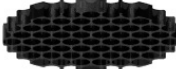


 	<p>Einbaugehäuse                      installationsposition: decke; typ installation: mauerwerk L=200mm, H=113mm, D=137mm.                      Material:Polypropylen, farbe:Weiß.</p>	<p><b>Code</b>  <u>89373</u></p>
 	<p>Einbaugehäuse                      installationsposition: decke; typ installation: mauerwerk L=370mm, H=120mm, D=200mm.                      Material:Polypropylen, farbe:Weiß.</p>	<p><b>Code</b>  <u>89374</u></p>
 	<p>Einbaugehäuse                      installationsposition: decke; typ installation: gipskarton L=109mm, H=12mm, D=109mm.                      Material:Aluminium, farbe:Eloxiertes Aluminium, bearbeitungstyp :Eloxierung.</p>	<p><b>Finish</b>  <span style="background-color: #cccccc; display: inline-block; width: 20px; height: 10px;"></span>  <b>Code</b>  <u>83065</u></p>
	<p>Weißes Quantum_R Frontal-Kit</p>	<p><b>Code</b>  <u>83373</u></p>
	<p>Schwarzes Vos_R Frontal-Kit</p>	<p><b>Code</b>  <u>83378</u></p>
	<p>Weißes Vos_R Frontal-Kit</p>	<p><b>Code</b>  <u>83377</u></p>
	<p>Schwarzes Quantum_R Frontal-Kit</p>	<p><b>Code</b>  <u>83374</u></p>
	<p>Weißes Warp_R frontal-Kit</p>	<p><b>Code</b>  <u>83375</u></p>



	Schwarzes Warp_R frontal-Kit	<b>Code</b> <u>83376</u>
<p>Ø109</p>	Weisses vorderer adaptiver Flansch für Warp EVO	<b>Code</b> <u>83395</u>
<p>Ø109</p>	Schwarzer vorderer adaptiver Flansch für Warp EVO	<b>Code</b> <u>83390</u>
<p>Ø106</p>	Schwarzer vorderer adaptiver Flansch für Quantum EVO 9W-14W	<b>Code</b> <u>83392</u>
<p>Ø106</p>	Weißer vorderer adaptiver Flansch für Quantum EVO	<b>Code</b> <u>83391</u>
	Gold Quantum_R EVO Frontal Kit	<b>Code</b> <u>C-K400046</u>
	Kupfer Quantum_R EVO frontal Kit	<b>Code</b> <u>C-K400047</u>
	Kupfer Warp_R EVO frontal Kit	<b>Code</b> <u>C-K400049</u>



	Gold Warp_R EVO frontal Kit	<b>Code</b> <u>C-K400048</u>
	Gold Vos_R Frontal-Kit	<b>Code</b> <u>C-K400050</u>
	Kupfer Vos_R EVO Frontal Kit	<b>Code</b> <u>C-K400051</u>
 Ø109	Gold vorderer adaptiver Flansch für Warp EVO	<b>Code</b> <u>C-K400052</u>
 Ø109	Kupfer vorderer adaptiver Flansch für Warp EVO	<b>Code</b> <u>C-K400053</u>
 Ø106	Gold vorderer adaptiver Flansch für Quantum EVO	<b>Code</b> <u>C-K400054</u>
 Ø106	Kupfer vorderer adaptiver Flansch für Quantum EVO	<b>Code</b> <u>C-K400055</u>
	Blendschutz Blendschutzart: wabenraster. Material:Pom-C, farbe:Schwarz.	<b>Code</b> <u>83379</u>



Diffusor  
Diffusorart: filtro ellittico

**Code**  
83380



Diffusor  
Diffusorart: ästhetischer filter

**Code**  
83381