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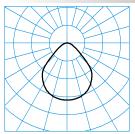
Mounting method   Surface-mounting	Product features and key data					
Luminaire optic With primary reflector highly efficient CDP microprismatics.  LED-System HCL channel 1 HCL channel 2 HCL MAX  Connected load 33 W 31 W 31 W Power factor 0,95  Colour temperature 2,700 K 6,500 K 4,000 K Rated luminous flux 4,000 Im 4,000 Im 4,050 Im Luminous efficacy 121 Im/W 129 Im/W 130 Im/W Service life L80 (25 °C) = 70,000 h L85 (25 °C) = 50,000 h  Colour rendering index 80  Colour rendering index 80  Colour tolerance 3 SDCM Photobiological class Group 1 - no risk  Luminaire colour RAL9916 Traffic white  Luminaire body Luminaire body of die-cast aluminium.  Electrical version With electronic control gear unit for switching, dimming and controlling the light colour using DALI Device Type & Capable control unit.  Plug-in terminal  Dimming range 1 - 100 %  Monitoring Ready On request  Mains requency 50/60 Hz  Mains voltage 220 - 240 V  Total harmonic distortion < % 14 %  Ingress Protection (IP) rating IP40  Protection class  I Impact resistance (IK) IK06  Het wire resistance (IK) IK06  Hex. Luminaires B10 10  Max. Luminaires B16 16  Max. Luminaires B16 16  Max. Luminaires C16 26	Luminaire type	Round surface-mounted LED downlight, Construction height 65 mm.				
HCL channel 1	Mounting method	Surface-mounting				
Connected load 33 W 31 W 31 W 31 W  Power factor 0,95  Colour temperature 2.700 K 6.500 K 4.000 K  Rated luminous flux 4.000 Im 4.000 Im 4.050 Im  Luminous efficacy 121 Im/W 129 Im/W 130 Im/W  Service life L80 (25 °C) = 70.000 h L85 (25 °C) = 50.000 h  Colour rendering index 80  Colour tolerance 3 SDCM Photobiological class Group 1 - no risk  Luminaire colour RAL9016 Traffic white  Luminaire body Luminaire body of die-cast aluminium.  Electrical version With electronic control gear unit for switching, dimming and controlling the light colour using DALI Device Type 8-capable control unit.  DALI-2-Standard EN 62386 Yes  Connection method Plug-in terminal  Dimming range 1 - 100 %  Monitoring Ready On request  Mains requency 50/60 Hz  Mains requency 50/60 Hz  Mains protection (IP) rating IP40  Protection class I  Impact resistance (IK) IK06  Hot wire resistance 650 °C  Ambient temperature 20 - 25 °C  Max. Luminaires B10 10  Max. Luminaires C16 26	Luminaire optic	With primary reflector highly efficient CDP microprismatics.				
Power factor   0.95   Colour temperature   2.700 K   6.500 K   4.000 K	LED-System	HCL channel 1 HCL channel 2 HCL MAX				
Colour temperature	Connected load	33 W	31 W	31 W		
Action   A	Power factor	0,95				
Luminous efficacy	Colour temperature	2.700 K	6.500 K	4.000 K		
Service life	Rated luminous flux	4.000 lm	4.000 lm	4.050 lm		
L85 (25 °C) = 50.000 h           Colour rendering index         80           Colour tolerance         3 SDCM           Photobiological class         Group 1 - no risk           Luminaire colour         RAL9016 Traffic white           Luminaire body         Luminaire body of die-cast aluminium.           Electrical version         With electronic control gear unit for switching, dimming and controlling the light colour using DALI Device Type 8-capable control unit.           DALI-2-Standard EN 62386         Yes           Connection method         Plug-in terminal           Dimming range         1 - 100 %           Monitoring Ready         On request           Mains frequency         50/60 Hz           Mains voltage         220 - 240 V           Total harmonic distortion < %	Luminous efficacy	121 lm/W	129 lm/W	130 lm/W		
Colour tolerance 3 SDCM Photobiological class Group 1 - no risk  Luminaire colour RAL9016 Traffic white  Luminaire body Luminaire body of die-cast aluminium.  Electrical version With electronic control gear unit for switching, dimming and controlling the light colour using DALI Device Type 8-capable control unit.  DALI-2-Standard EN 62386 Yes  Connection method Plug-in terminal  Dimming range 1 - 100 %  Monitoring Ready On request  Mains requency 50/60 Hz  Mains voltage 220 - 240 V  Total harmonic distortion < % 14 %  Ingress Protection (IP) rating IP40  Protection class I  Impact resistance (IK) IK06  Hot wire resistance 650 °C  Ambient temperature -20 - 25 °C  Max. Luminaires B16 16  Max. Luminaires C16 26	Service life					
Photobiological class Group 1 - no risk  Luminaire colour RAL9016 Traffic white  Luminaire body Luminaire body of die-cast aluminium.  Electrical version With electronic control gear unit for switching, dimming and controlling the light colour using DALI Device Type 8-capable control unit.  Possible Connection method Plug-in terminal  Dimming range 1 - 100 %  Monitoring Ready On request  Mains frequency 50/60 Hz  Mains voltage 220 - 240 V  Total harmonic distortion < 14 %  Ingress Protection (IP) rating IP40  Protection class I  Impact resistance (IK) IK06  Hot wire resistance (IK) IK06  Max. Luminaires B10 10  Max. Luminaires B16 16  Max. Luminaires C10 16  Max. Luminaires C10 16  Max. Luminaires C10 16  Max. Luminaires C16 26	Colour rendering index	80				
Luminaire colour RAL9016 Traffic white Luminaire body Luminaire body of die-cast aluminium.  Electrical version With electronic control gear unit for switching, dimming and controlling the light colour using DALI Device Type 8-capable control unit.  Possible Connection method Plug-in terminal Dimming range 1 - 100 % Monitoring Ready On request Mains frequency So/60 Hz Mains voltage 220 - 240 V Total harmonic distortion < % 14 % Ingress Protection (IP) rating IP40 Protection class I Impact resistance IKN6 Hot wire resistance 650 °C Ambient temperature -20 - 25 °C Max. Luminaires B10 10 Max. Luminaires B16 16 Max. Luminaires C16 Max. Luminaires C16 Max. Luminaires C16	Colour tolerance	3 SDCM				
Luminaire body Luminaire body of die-cast aluminium.  With electronic control gear unit for switching, dimming and controlling the light colour using DALI Device Type 8-capable control unit.  DALI-2-Standard EN 62386 Yes Connection method Plug-in terminal Dimming range 1 - 100 % Monitoring Ready On request Mains frequency 50/60 Hz Mains voltage 220 - 240 V Total harmonic distortion < % 14 % Ingress Protection (IP) rating IP40 Protection class I Impact resistance 650 °C Ambient temperature -20 - 25 °C Max. Luminaires B10 10 Max. Luminaires B16 16 Max. Luminaires C16 Max. Luminaires C16	Photobiological class	Group 1 - no risk				
Electrical version  With electronic control gear unit for switching, dimming and controlling the light colour using DALI Device Type 8-capable control unit.  DALI-2-Standard EN 62386  Yes  Connection method  Plug-in terminal  Dimming range  1 - 100 %  Monitoring Ready  On request  Mains frequency  50/60 Hz  Mains voltage  220 - 240 V  Total harmonic distortion < %  14 %  Ingress Protection (IP) rating  IP40  Protection class  I Impact resistance (IK)  Hot wire resistance  650 °C  Ambient temperature  -20 - 25 °C  Max. Luminaires B10  10  Max. Luminaires C10  Max. Luminaires C16  Max. Luminaires C16	Luminaire colour	RAL9016 Traffic white				
S-capable control unit.	Luminaire body	Luminaire body of die-cast aluminium.				
Connection method         Plug-in terminal           Dimming range         1 - 100 %           Monitoring Ready         On request           Mains frequency         50/60 Hz           Mains voltage         220 - 240 V           Total harmonic distortion < %	Electrical version	With electronic control gear unit for switching, dimming and controlling the light colour using DALI Device Type 8-capable control unit.				
Dimming range	DALI-2-Standard EN 62386	'				
Monitoring Ready         On request           Mains frequency         50/60 Hz           Mains voltage         220 - 240 V           Total harmonic distortion < %	Connection method	Plug-in terminal				
Mains frequency         50/60 Hz           Mains voltage         220 - 240 V           Total harmonic distortion < %         14 %           Ingress Protection (IP) rating         IP40           Protection class         I           Impact resistance (IK)         IK06           Hot wire resistance         650 °C           Ambient temperature         -20 - 25 °C           Max. Luminaires B10         10           Max. Luminaires B16         16           Max. Luminaires C10         16           Max. Luminaires C16         26	Dimming range	1 - 100 %				
Mains voltage         220 - 240 V           Total harmonic distortion < %         14 %           Ingress Protection (IP) rating         IP40           Protection class         I           Impact resistance (IK)         IK06           Hot wire resistance         650 °C           Ambient temperature         -20 - 25 °C           Max. Luminaires B10         10           Max. Luminaires B16         16           Max. Luminaires C10         16           Max. Luminaires C16         26		On request				
Total harmonic distortion < % 14 %  Ingress Protection (IP) rating IP40  Protection class I IMD IMD IMD IMD IMD IMD IMD IMD IMD I	Mains frequency	50/60 Hz				
Ingress Protection (IP) rating IP40  Protection class I IK06  Impact resistance (IK) IK06  Hot wire resistance 650 °C  Ambient temperature -20 - 25 °C  Max. Luminaires B10 10  Max. Luminaires B16 16  Max. Luminaires C10 16  Max. Luminaires C16 26	Mains voltage	220 - 240 V				
Protection class         I           Impact resistance (IK)         IK06           Hot wire resistance         650 °C           Ambient temperature         -20 - 25 °C           Max. Luminaires B10         10           Max. Luminaires B16         16           Max. Luminaires C10         16           Max. Luminaires C16         26	Total harmonic distortion < %	14 %				
Ik06	Ingress Protection (IP) rating	IP40				
Hot wire resistance       650 °C         Ambient temperature       -20 - 25 °C         Max. Luminaires B10       10         Max. Luminaires B16       16         Max. Luminaires C10       16         Max. Luminaires C16       26	Protection class	T				
Ambient temperature         -20 - 25 °C           Max. Luminaires B10         10           Max. Luminaires B16         16           Max. Luminaires C10         16           Max. Luminaires C16         26	Impact resistance (IK)	IK06				
Max. Luminaires B10         10           Max. Luminaires B16         16           Max. Luminaires C10         16           Max. Luminaires C16         26	Hot wire resistance	650 °C				
Max. Luminaires B16         16           Max. Luminaires C10         16           Max. Luminaires C16         26	Ambient temperature	-20 - 25 °C				
Max. Luminaires C10         16           Max. Luminaires C16         26	Max. Luminaires B10	10				
Max. Luminaires C16 26	Max. Luminaires B16	16				
<u></u>	Max. Luminaires C10	16				
	Max. Luminaires C16	26				
Net height 65 mm	Net height	65 mm				
Outside diameter 445 mm	Outside diameter	445 mm				
Weight 4,6 kg	Weight	4,6 kg				

### OnplanaAct D11 CDP19 4000 ETDD8 01



TOC: 7934662

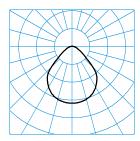
#### light distribution curve



# OnplanaAct D11 CDP19 4000 ETDD8 01 (ActDWW) TX299854

C0 - C180

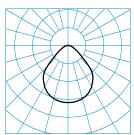
UGR I = 19.8 UGR q = 19.8 DIN 5040: A50 UTE: 1,00 C CEN Flux Code: 63 89 97 99 100 27 64 82 1



## OnplanaAct D11 CDP19 4000 ETDD8 01 (ActDCW) TX299801

UGR I = 19,8

UGR q = 19,8 UGR q = 19,8 DIN 5040: A50 UTE: 1,00 C CEN Flux Code: 63 89 97 99 100 27 64 82 1



# OnplanaAct D11 CDP19 4000 ETDD8 01 (ActDSU) TX299739

C0 - C180

UGR I = 19.8 UGR q = 19.8 DIN 5040: A50 UTE: 1,00 C CEN Flux Code: 63 89 97 99 100 27 64 82 1

#### Available accessories

#### Material

#### Description



Onplana D11 ZS 5075/2000 01

6984500

3-point Wire suspension with transparent mains cable and white ceiling rose.



Onplana D11 ZIP54 01 6987600

Accessory set for achieving IP54 protection rating with ceiling surface-mounting. Specifically for luminaires from the series Onplana D11.

### Offer text

Round surface-mounted LED downlight, Construction height 65 mm. Luminaire with Active equipment for controlling light colour via separate control unit. For wall and ceiling mounting. With primary reflector highly efficient CDP microprismatics. With mainly direct light distribution. Decorative ceiling illumination also softens contrast on the ceiling. Glare rating according to UGR standard table method with rating < 19 with reflectance values 80/60/30. Harmonious light effect due to homogeneously illuminated light emission. Luminaire luminous flux 4000 lm, connected load 33,00 W, luminous efficiency of luminaire 121 lm/W. Light colour variable (warm white - daylight white), correlated colour temperature (CCT) variable (2700 K - 6500 K), general colour rendering index (CRI) R  $_a$  > 80. Colour locus tolerance (initial MacAdam)  $\leq$  3 SDCM, Mean rated service life L80(t  $_q$  25 °C) = 70,000 h, mean rated service life L85(t  $_q$  25 °C) = 50,000 h. Luminaire body of diecast aluminium. (RAL 9016). External dimensions of ceiling ring Ø 445 mm, luminaire height 65 mm. Permissible ambient temperature (ta): - +25 °C. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP40, impact resistance level in accordance with IEC 62262: IK06, testing temperature of wire glow test in accordance with IEC 60695-2-11: 650 °C. Weight: 4,6 kg. With connection terminal to 2.5 mm, cable strain relief and mains through-wiring. With electronic control gear unit for switching, dimming and controlling the light colour using DALI Device Type 8-capable control unit. Control gear unit according to DALI-2 standard (EN 62386). The control gear unit is replaceable in accordance with the ecodesign requirements (VO (EU) 2019/2020). The luminaire can be equipped with the Monitoring Ready (MOR) functionality on request. The luminaire complies with the fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol.

#### **EPREL ID**

C: 85400669

C: 85401736-00