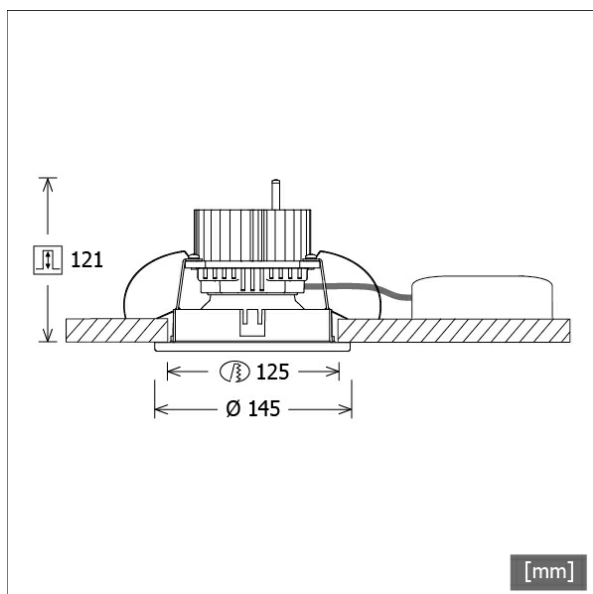


# ECL 10.3030.01



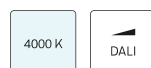
Colours	Article no.	EAN
	635809	4043544382894



## Description

- recessed downlight for general lighting
- basic luminaire without flange (flange with bayonet catch to be ordered separately)
- luminaire can be expanded with different optic decor rings and glasses
- outstanding ease of maintenance
- no UV and thermal emissions
- thermal management with passive cooling (heat sink made from aluminium)
- specular aluminium reflector with precise symmetrical beam characteristic for high luminous efficiency and glare-free lighting
- recessed ring made from black polycarbonate
- tool-free ceiling mounting via quick-action clamping springs (automatic adjustment of the ceiling thickness)
- connection to ballast via pre-fitted luminaire cable
- ballast (LED converter) included (external placement)

## Standard options



## Special options



## Lighting data / Norms

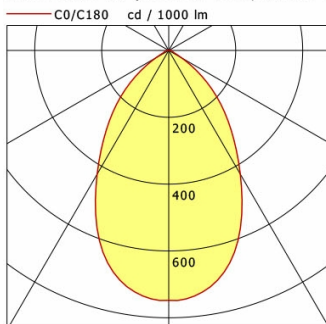
Lamps	LED Modul / CRI 80 / 3000 K
EPREL light sources	891018
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	
System power	29.0 W
Luminaire luminous flux	max. 2590 lm
System efficiency	82.75 lm/W
Module efficiency	119.10 lm/W
UGR class	≤28
Beam angle	65°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	III
Type of protection	IP20

## Dimensions / Weights

Outer diameter	145 mm
Height	128 mm
Cut-out (Ø)	125 mm
Ceiling thickness	10.0 - 25.0 mm
Recessed depth	121 mm
Net weight	0.83 kg
Gross weight	0.87 kg

# ECL 10.3030.01

Edel+Stahl 10 (ECZLED 1.10, 1xLED 29W 830/3000K 2400lm 65 °)



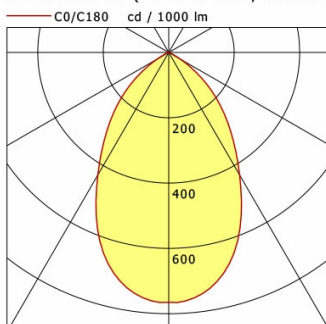
	C0	C90	C180	C270
0°	748	748	748	748
15°	673	673	673	673
30°	427	427	427	427
45°	212	212	212	212
60°	45	45	45	45
75°	12	12	12	12
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.93	199.4
6.0	7.86	49.9
9.0	11.79	22.2
12.0	15.72	12.5
15.0	19.65	8.0

<b>η</b>	LED
Efficiency	83 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	29 W
<b>UGR</b>	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	25.2
UGR C90/C270	25.2
CIE Flux Codes	74 96 99 100 100
Ra/CRI	>80

LTS

Edel+Stahl 10 (ECZLED 1.01, 1xLED 29W 830/3000K 2590lm 65 °)



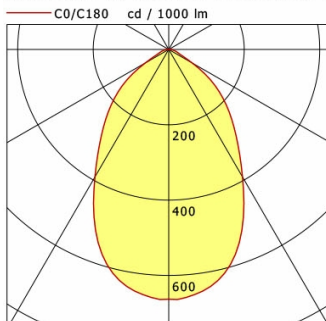
	C0	C90	C180	C270
0°	765	765	765	765
15°	685	685	685	685
30°	433	433	433	433
45°	216	216	216	216
60°	42	42	42	42
75°	6	6	6	6
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.90	220.2
6.0	7.80	55.0
9.0	11.70	24.5
12.0	15.60	13.8
15.0	19.49	8.8

<b>η</b>	LED
Efficiency	89 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	29 W
<b>UGR</b>	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	25.0
UGR C90/C270	25.0
CIE Flux Codes	75 97 99 100 100
Ra/CRI	>80

LTS

Edel+Stahl 10 (ECZLED 1.11, 1xLED 29W 830/3000K 2250lm 65 °)



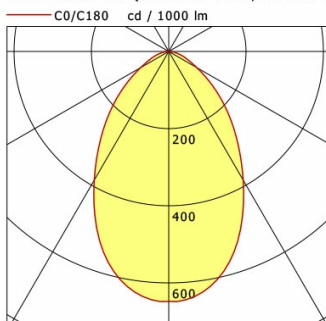
	C0	C90	C180	C270
0°	663	663	663	663
15°	603	603	603	603
30°	391	391	391	391
45°	221	221	221	221
60°	72	72	72	72
75°	20	20	20	20
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.10	165.8
6.0	8.20	41.4
9.0	12.30	18.4
12.0	16.40	10.4
15.0	20.50	6.6

<b>η</b>	LED
Efficiency	78 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	29 W
<b>UGR</b>	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	26.7
UGR C90/C270	26.7
CIE Flux Codes	68 93 99 100 100
Ra/CRI	>80

LTS

Edel+Stahl 10 (ECZLED 1.12, 1xLED 29W 830/3000K 2050lm 65 °)



	C0	C90	C180	C270
0°	648	648	648	648
15°	578	578	578	578
30°	385	385	385	385
45°	210	210	210	210
60°	84	84	84	84
75°	29	29	29	29
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.16	147.6
6.0	8.32	36.9
9.0	12.48	16.4
12.0	16.63	9.2
15.0	20.79	5.9

<b>η</b>	LED
Efficiency	71 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	29 W
<b>UGR</b>	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	27.5
UGR C90/C270	27.5
CIE Flux Codes	66 90 98 100 100
Ra/CRI	>80

LTS

# ECL 10.3030.01

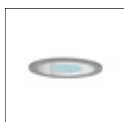
## Accessories



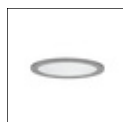
**ECZLED 1.01**  
flange without glass



**ECZLED 1.10**  
flange with clear glass pane  
(inside)



**ECZLED 1.11**  
flange with partially frosted glass pane  
(inside)



**ECZLED 1.12**  
flange with frosted glass pane  
(inside)



**ECZLED 1.21**  
flange with satinated glass ring  
(protruding)



**ECZLED 1.40**  
light effect ring without glass



**ECZLED 1.41**  
light effect ring with clear glass pane  
(inside)



**ECZLED 1.42**  
light effect ring with frosted glass pane  
(inside)



**NOL 50B/3H/DALI**  
LED emergency light-unit



**ZDAR 125.145-205**  
compensation ring for ceiling cut-outs from 145 to  
205 mm



**ZVP 100**  
universal reinforcement frame  
(module 625 x 625)