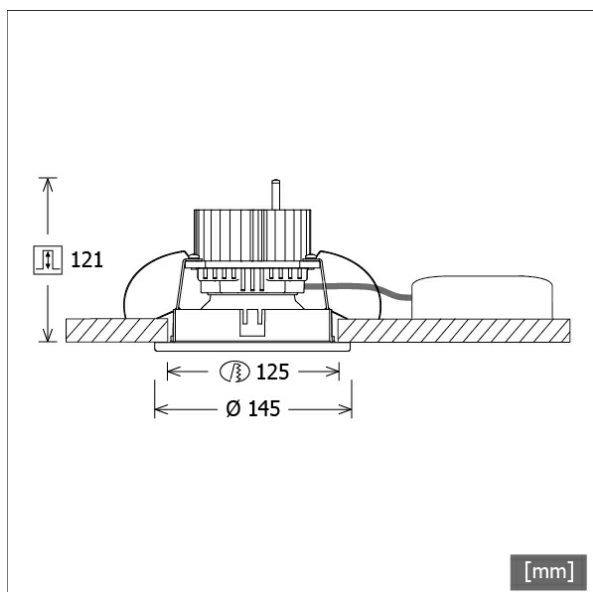


ECL 10.3040.01/DALI



Colours	Article no.	EAN
	635812	4043544382924



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 DALI, dimmable) included (external placement)

Standard options



Special options



Lighting data / Norms

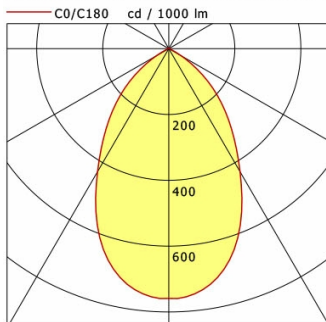
Lamps	LED Modul / CRI 80 / 4000 K
EPREL light sources	891020
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	
System power	29.0 W
Luminaire luminous flux	max. 2800 lm
System efficiency	96.55 lm/W
Module efficiency	123.23 lm/W
UGR class	≤28
Beam angle	65°
Supply voltage	220 - 240 V / 50 - 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	0.81 kg
Gross weight	0.86 kg

ECL 10.3040.01/DALI

Edel+Stahl 10 (ECZLED 1.01, 1xLED 29W 840/4000K 2800lm 65 °)



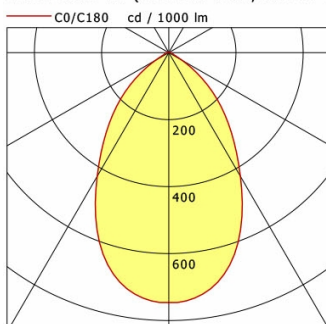
	C0	C90	C180	C270
0°	759	759	759	759
15°	680	680	680	680
30°	432	432	432	432
45°	217	217	217	217
60°	44	44	44	44
75°	6	6	6	6
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.92	236.1
6.0	7.84	59.0
9.0	11.76	26.2
12.0	15.67	14.8
15.0	19.59	9.4

η	LED
Efficiency	97 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	29 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	25.4
UGR C90/C270	25.4
CIE Flux Codes	75 97 99 100 100
Ra/CRI	>80

LTS

Edel+Stahl 10 (ECZLED 1.10, 1xLED 29W 840/4000K 2610lm 65 °)



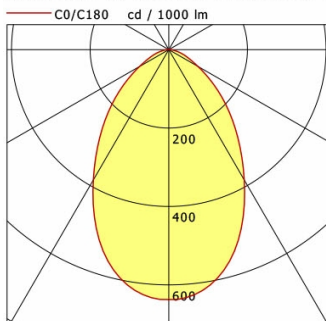
	C0	C90	C180	C270
0°	746	746	746	746
15°	671	671	671	671
30°	426	426	426	426
45°	212	212	212	212
60°	46	46	46	46
75°	12	12	12	12
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.93	216.4
6.0	7.86	54.1
9.0	11.79	24.0
12.0	15.72	13.5
15.0	19.66	8.7

η	LED
Efficiency	90 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	29 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	25.6
UGR C90/C270	25.6
CIE Flux Codes	74 96 99 100 100
Ra/CRI	>80

LTS

Edel+Stahl 10 (ECZLED 1.12, 1xLED 29W 840/4000K 2260lm 65 °)



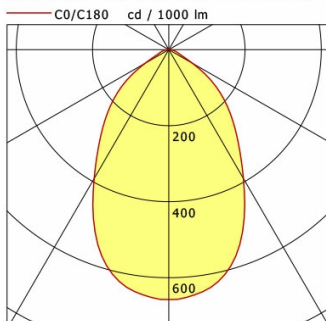
	C0	C90	C180	C270
0°	637	637	637	637
15°	571	571	571	571
30°	384	384	384	384
45°	212	212	212	212
60°	86	86	86	86
75°	29	29	29	29
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.23	160.1
6.0	8.45	40.0
9.0	12.68	17.8
12.0	16.90	10.0
15.0	21.13	6.4

η	LED
Efficiency	78 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	29 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	27.9
UGR C90/C270	27.9
CIE Flux Codes	65 90 98 100 100
Ra/CRI	>80

LTS

Edel+Stahl 10 (ECZLED 1.11, 1xLED 29W 840/4000K 2460lm 65 °)



	C0	C90	C180	C270
0°	657	657	657	657
15°	601	601	601	601
30°	392	392	392	392
45°	222	222	222	222
60°	72	72	72	72
75°	20	20	20	20
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.15	179.7
6.0	8.30	44.9
9.0	12.45	20.0
12.0	16.60	11.2
15.0	20.75	7.2

η	LED
Efficiency	85 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	29 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	27.0
UGR C90/C270	27.0
CIE Flux Codes	68 93 99 100 100
Ra/CRI	>80

LTS

ECL 10.3040.01/DALI

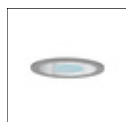
Accessories



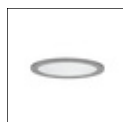
ECZLED 1.01
flange without glass



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)