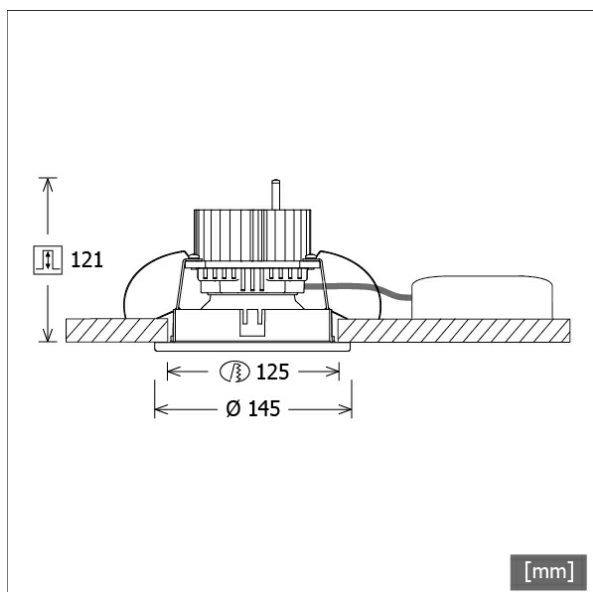


ECL 10.2040.01/DALI



Colours	Article no.	EAN
	635808	4043544382887



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)

Notes

concrete casting surround available on demand.

Standard options



Special options



Lighting data / Norms

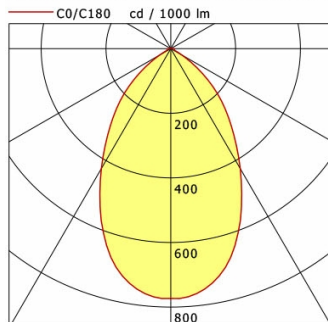
Lamps	LED Modul / CRI 80 / 4000 K
EPREL light sources	891017
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	
System power	22.0 W
Luminaire luminous flux	max. 2180 lm
System efficiency	99.09 lm/W
Module efficiency	122.35 lm/W
UGR class	≤28
Beam angle	65°
Supply voltage	220 - 240 V / 50 - 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	0.85 kg
Gross weight	1.05 kg

ECL 10.2040.01/DALI

Edel+Stahl 10 (ECZLED 1.01, 1xLED 22W 840/4000K 2180lm 65 °)



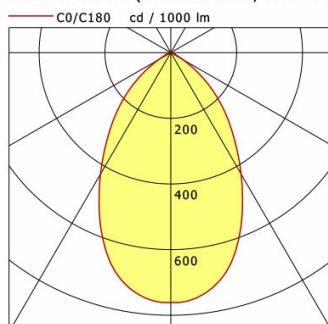
	C0	C90	C180	C270
0°	773	773	773	773
15°	685	685	685	685
30°	429	429	429	429
45°	213	213	213	213
60°	40	40	40	40
75°	12	12	12	12
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.82	187.3
6.0	7.64	46.8
9.0	11.46	20.8
12.0	15.28	11.7
15.0	19.10	7.5

η	LED
Efficiency	99 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	24.8
UGR C90/C270	24.8
CIE Flux Codes	74 96 99 100 100
Ra/CRI	>80

LTS

Edel+Stahl 10 (ECZLED 1.10, 1xLED 22W 840/4000K 2030lm 65 °)



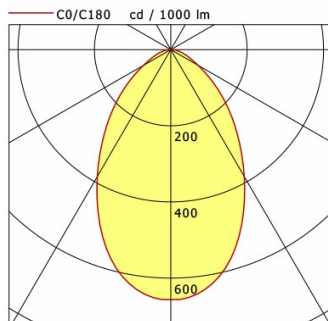
	C0	C90	C180	C270
0°	761	761	761	761
15°	679	679	679	679
30°	427	427	427	427
45°	209	209	209	209
60°	43	43	43	43
75°	14	14	14	14
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.87	171.7
6.0	7.73	42.9
9.0	11.60	19.1
12.0	15.47	10.7
15.0	19.33	6.9

η	LED
Efficiency	92 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	24.8
UGR C90/C270	24.8
CIE Flux Codes	74 95 99 100 100
Ra/CRI	>80

LTS

Edel+Stahl 10 (ECZLED 1.12, 1xLED 22W 840/4000K 1760lm 65 °)



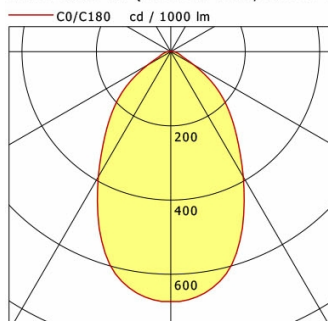
	C0	C90	C180	C270
0°	656	656	656	656
15°	582	582	582	582
30°	385	385	385	385
45°	208	208	208	208
60°	83	83	83	83
75°	30	30	30	30
90°	1	1	1	1

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.10	128.3
6.0	8.20	32.1
9.0	12.30	14.3
12.0	16.40	8.0
15.0	20.50	5.1

η	LED
Efficiency	80 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	27.0
UGR C90/C270	27.0
CIE Flux Codes	66 90 98 100 100
Ra/CRI	>80

LTS

Edel+Stahl 10 (ECZLED 1.11, 1xLED 22W 840/4000K 1920lm 65 °)



	C0	C90	C180	C270
0°	674	674	674	674
15°	607	607	607	607
30°	390	390	390	390
45°	218	218	218	218
60°	72	72	72	72
75°	22	22	22	22
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.02	143.7
6.0	8.05	35.9
9.0	12.07	16.0
12.0	16.09	9.0
15.0	20.11	5.7

η	LED
Efficiency	87 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	26.4
UGR C90/C270	26.4
CIE Flux Codes	67 92 98 100 100
Ra/CRI	>80

LTS

ECL 10.2040.01/DALI

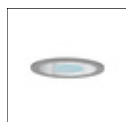
Accessories



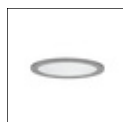
ECZLED 1.01
flange without glass



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)