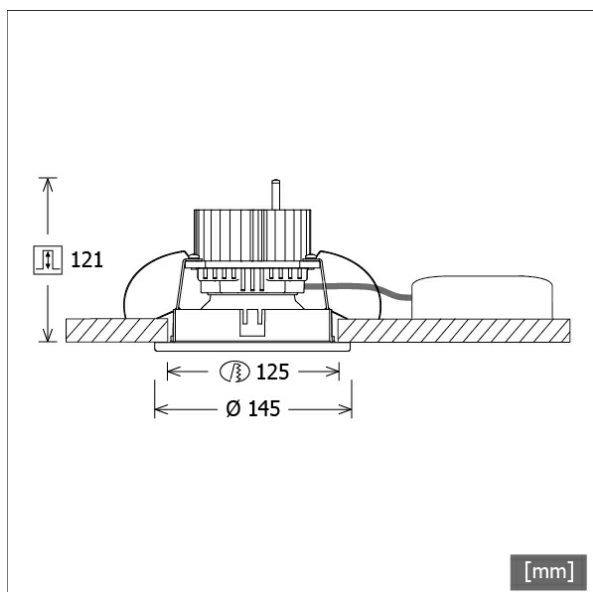


ECL 10.2030.01/DALI



Colours	Article no.	EAN
	635806	4043544382863



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 / 3000 K
EPREL light sources	891015
	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. 2020 lm
System efficiency	72.72 lm/W
Module efficiency	116.61 lm/W
UGR class	≤28
Beam angle	65°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	III
Type of protection	IP20

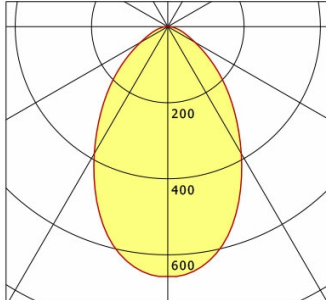
Dimensions / Weights

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

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Edel+Stahl 10 (ECZLED 1.12, 1xLED 22W 830/3000K 1600lm 65 °)

— C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	657	657	657	657
15°	583	583	583	583
30°	385	385	385	385
45°	208	208	208	208
60°	82	82	82	82
75°	30	30	30	30
90°	0	0	0	0

cd / 1000 lm

Offset [m] Cone width [m] Illuminance [lx]

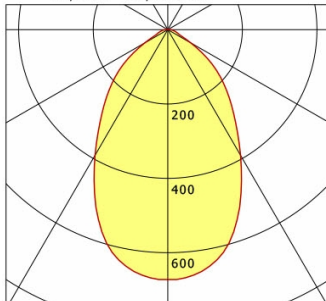
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.10	116.8
6.0	8.20	29.2
9.0	12.30	13.0
12.0	16.39	7.3
15.0	20.49	4.7

η	LED
Efficiency	73 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	26.6
UGR C90/C270	26.6
CIE Flux Codes	66 90 98 100 100
Ra/CRI	>80

LTS

Edel+Stahl 10 (ECZLED 1.11, 1xLED 22W 830/3000K 1760lm 65 °)

— C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	672	672	672	672
15°	608	608	608	608
30°	390	390	390	390
45°	217	217	217	217
60°	72	72	72	72
75°	22	22	22	22
90°	0	0	0	0

cd / 1000 lm

Offset [m] Cone width [m] Illuminance [lx]

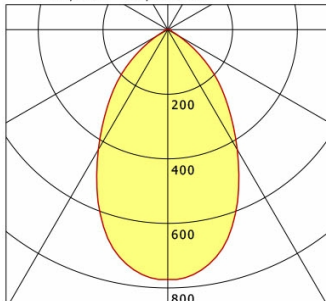
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.03	131.5
6.0	8.07	32.9
9.0	12.10	14.6
12.0	16.14	8.2
15.0	20.17	5.3

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	26.1
UGR C90/C270	26.1
CIE Flux Codes	67 92 98 100 100
Ra/CRI	>80

LTS

Edel+Stahl 10 (ECZLED 1.01, 1xLED 22W 830/3000K 2020lm 65 °)

— C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	774	774	774	774
15°	686	686	686	686
30°	429	429	429	429
45°	212	212	212	212
60°	40	40	40	40
75°	12	12	12	12
90°	0	0	0	0

cd / 1000 lm

Offset [m] Cone width [m] Illuminance [lx]

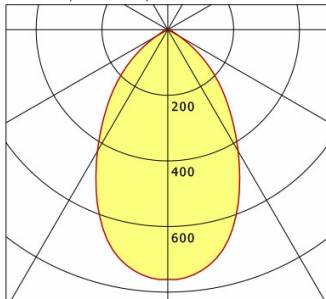
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.82	173.7
6.0	7.64	43.4
9.0	11.46	19.3
12.0	15.28	10.9
15.0	19.10	6.9

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	24.6
UGR C90/C270	24.6
CIE Flux Codes	75 96 99 100 100
Ra/CRI	>80

LTS

Edel+Stahl 10 (ECZLED 1.10, 1xLED 22W 830/3000K 1870lm 65 °)

— C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	761	761	761	761
15°	680	680	680	680
30°	428	428	428	428
45°	208	208	208	208
60°	43	43	43	43
75°	14	14	14	14
90°	0	0	0	0

cd / 1000 lm

Offset [m] Cone width [m] Illuminance [lx]

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.86	158.2
6.0	7.73	39.6
9.0	11.59	17.6
12.0	15.46	9.9
15.0	19.32	6.3

η	LED
Efficiency	85 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	24.5
UGR C90/C270	24.5
CIE Flux Codes	74 95 99 100 100
Ra/CRI	>80

LTS

ECL 10.2030.01/DALI

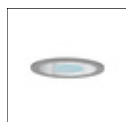
Accessories



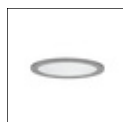
ECZLED 1.01
flange without glass



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)