ECL 10.1130.01

LTS
**LOVE TO SHINE**

CE | RoHS | IP20

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)

Notes

concrete casting surround available on demand.

Standard options

4000 K | DALI

Special options

SCHWARZ | TWL | TWPI | EMERGENCY LIGHTING | BETON EINBAU
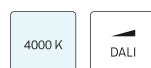
Lighting data / Norms

Lamps	LED Modul / CRI 80 / 3000 K
EPREL light sources	891015
Lifetime	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
System power	11.0 W
Luminaire luminous flux	max. 980 lm
System efficiency	77.27 lm/W
Module efficiency	116.61 lm/W
UGR class	≤ 25
Beam angle	65°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	III
Type of protection	IP20

Colours

Colours	Article no.	EAN
	635801	4043544382818

121

(i) 125
Ø 145

[mm]

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	0.70 kg
Gross weight	0.84 kg

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## Edel+Stahl 10 (ECZLED 1.11, 1xLED 11W 830/3000K 850lm 65 °)

C0/C180   cd / 1000 lm
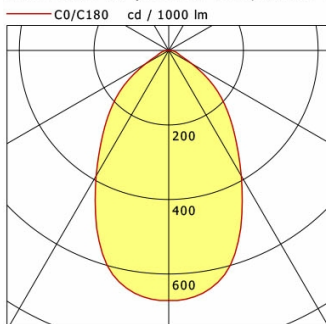
	C0	C90	C180	C270
0°	671	671	671	671
15°	610	610	610	610
30°	389	389	389	389
45°	217	217	217	217
60°	72	72	72	72
75°	22	22	22	22
90°	0	0	0	0

cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
	C0-C180 Plane	
3.0	4.03	63.4
6.0	8.06	15.8
9.0	12.09	7.0
12.0	16.12	4.0
15.0	20.15	2.5

η	LED
Efficiency	77 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	23.5
UGR C90/C270	23.5
CIE Flux Codes	67 92 98 100 100
Ra/CRI	>80

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## Edel+Stahl 10 (ECZLED 1.12, 1xLED 11W 830/3000K 780lm 65 °)

C0/C180   cd / 1000 lm
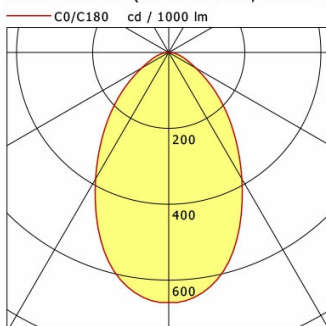
	C0	C90	C180	C270
0°	659	659	659	659
15°	584	584	584	584
30°	385	385	385	385
45°	208	208	208	208
60°	82	82	82	82
75°	30	30	30	30
90°	0	0	0	0

cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
	C0-C180 Plane	
3.0	4.08	57.1
6.0	8.16	14.3
9.0	12.24	6.3
12.0	16.33	3.6
15.0	20.41	2.3

η	LED
Efficiency	71 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	24.1
UGR C90/C270	24.1
CIE Flux Codes	66 90 98 100 100
Ra/CRI	>80

LTS

## Edel+Stahl 10 (ECZLED 1.10, 1xLED 11W 830/3000K 910lm 65 °)

C0/C180   cd / 1000 lm
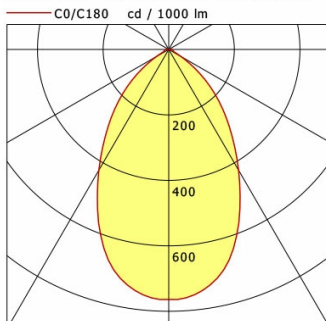
	C0	C90	C180	C270
0°	764	764	764	764
15°	682	682	682	682
30°	426	426	426	426
45°	208	208	208	208
60°	44	44	44	44
75°	14	14	14	14
90°	0	0	0	0

cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
	C0-C180 Plane	
3.0	3.84	77.2
6.0	7.68	19.3
9.0	11.53	8.6
12.0	15.37	4.8
15.0	19.21	3.1

η	LED
Efficiency	83 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.0
UGR C90/C270	22.0
CIE Flux Codes	74 95 99 100 100
Ra/CRI	>80

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Edel+Stahl 10 (ECZLED 1.01, 1xLED 11W 830/3000K 980lm 65 °)

C0/C180   cd / 1000 lm
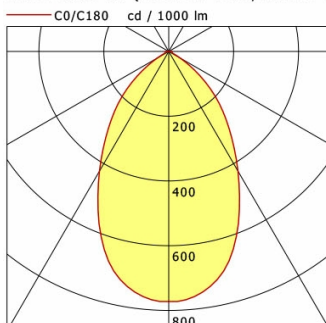
	C0	C90	C180	C270
0°	772	772	772	772
15°	687	687	687	687
30°	427	427	427	427
45°	212	212	212	212
60°	41	41	41	41
75°	12	12	12	12
90°	1	1	1	1

cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
	C0-C180 Plane	
3.0	3.81	84.1
6.0	7.62	21.0
9.0	11.43	9.3
12.0	15.25	5.3
15.0	19.06	3.4

η	LED
Efficiency	89 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.1
UGR C90/C270	22.1
CIE Flux Codes	74 96 99 100 100
Ra/CRI	>80

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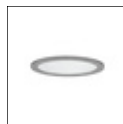## Accessories

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)