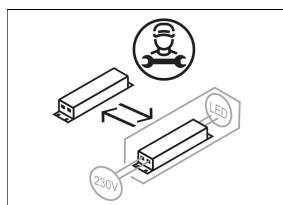
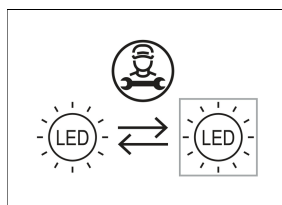
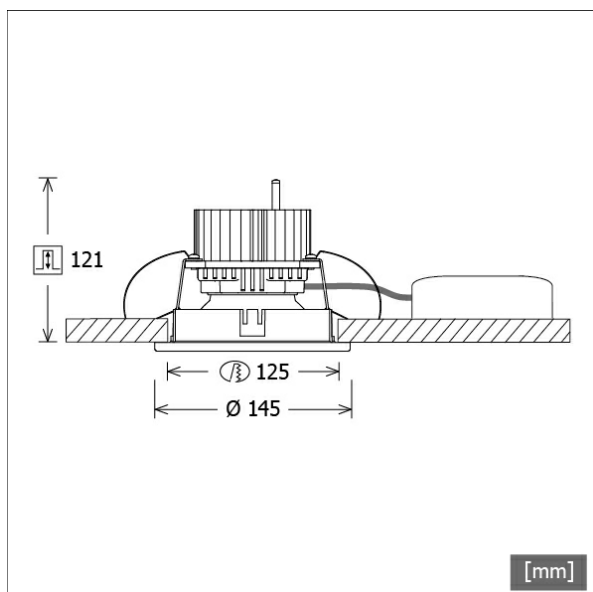


ECL 10.3030.01/DALI



Colours	Article no.	EAN
	635810	4043544382900



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 / 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	70.68 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

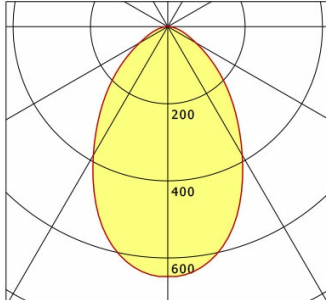
Dimensions / Weights

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	0.81 kg
Gross weight	0.86 kg

ECL 10.3030.01/DALI

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

— C0/C180 cd / 1000 lm



	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

cd / 1000 lm

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

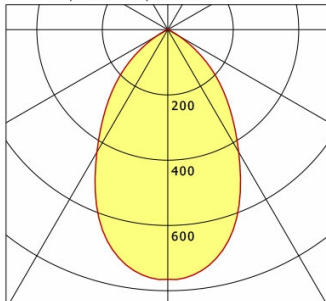
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.16	147.6
6.0	8.32	36.9
9.0	12.48	16.4
12.0	16.63	9.2
15.0	20.79	5.9

η	LED
Efficiency	71 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	29 W
UGR	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

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

— C0/C180 cd / 1000 lm



	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

cd / 1000 lm

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

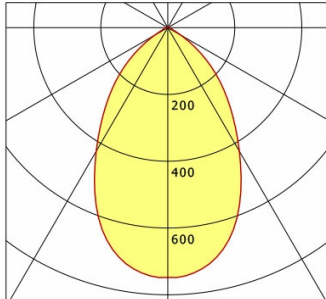
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.90	220.2
6.0	7.80	55.0
9.0	11.70	24.5
12.0	15.60	13.8
15.0	19.49	8.8

η	LED
Efficiency	89 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	29 W
UGR	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 1.10, 1xLED 29W 830/3000K 2400lm 65 °)

— C0/C180 cd / 1000 lm



	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

cd / 1000 lm

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

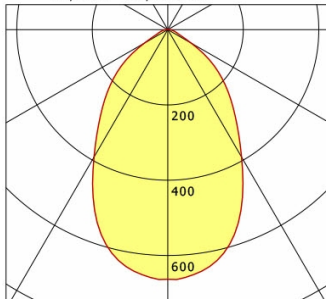
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.93	199.4
6.0	7.86	49.9
9.0	11.79	22.2
12.0	15.72	12.5
15.0	19.65	8.0

η	LED
Efficiency	83 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	29 W
UGR	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 1.11, 1xLED 29W 830/3000K 2250lm 65 °)

— C0/C180 cd / 1000 lm



	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

cd / 1000 lm

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

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

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	26.7
UGR C90/C270	26.7
CIE Flux Codes	68 93 99 100 100
Ra/CRI	>80

LTS

ECL 10.3030.01/DALI

Accessories



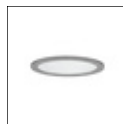
ECZLED 1.01
flange without glass



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)