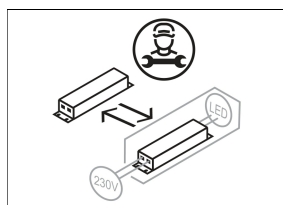
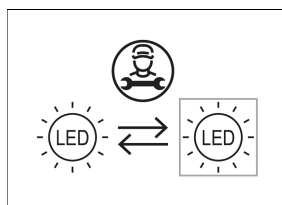
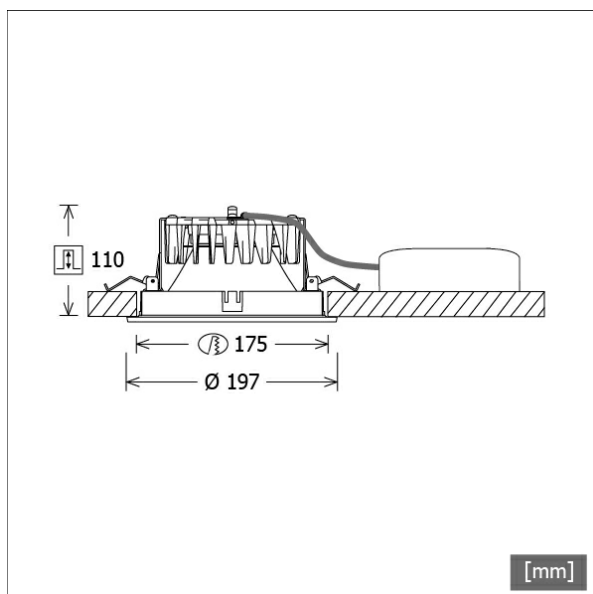


ECL 30.1130.02



Colori	Articolo n.	EAN
	660199	4043544690173



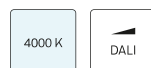
Descrizione

- downlight da incasso per illuminazione generale
- lampada base senza anello di copertura (anello di copertura con chiusura a baionetta da ordinare separatamente)
- lampada espandibile con diversi vetri e anelli decorativi ottici
- elevata facilità di manutenzione
- assenza di radiazioni termiche e UV
- gestione termica innovativa con raffreddamento passivo (termoisolatore in pressofusione di alluminio)
- riflettore a specchio in alluminio con curva fotometrica simmetrica precisa per un'alta resa luminosa e il controllo ottimale dell'abbagliamento
- anello di montaggio in policarbonato nero
- montaggio a soffitto senza attrezzi con dispositivi a serraggio rapido (regolazione automatica dello spessore del soffitto)
- collegamento all'alimentatore tramite cavo lampada preinstallato
- alimentatore (convertitore LED) incluso (posizionamento esterno)

Note

Box per calcestruzzo disponibile su richiesta.

Opzioni standard



Opzioni speciali



Dati illuminotecnici / Norme

Lampade	LED Modul / CRI 80 / 3000 K
EPREL fonti luminose	891015
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Durata	
Prestazioni sistema	11.0 W
Flusso luminoso apparecchio	max. 1060 lm
Efficienza sistema	85.45 lm/W
Efficienza del modulo	116.61 lm/W
UGR classe	≤22
Angolo del fascio luminoso	75°
Tensione di alimentazione	220 - 240 V / 50 - 60 Hz
Classe di protezione	III
Tipo di protezione	IP20

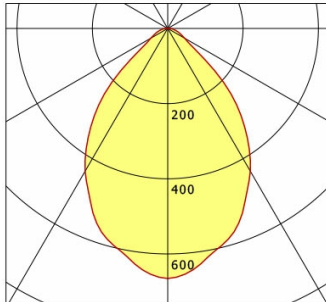
Dimensioni / pesi

Diametro esterno	197 mm
Altezza	114 mm
Dimensione foro (Ø)	175 mm
Spessore soffitto	10.0 - 35.0 mm
Profondità di incasso	110 mm
Peso netto	0.84 kg
Peso lordo	0.95 kg

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Edel+Stahl 30 (ECZ 3.20, 1xLED 11W 830/3000K 940lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	665	665	665	665
15°	589	589	589	589
30°	439	439	439	439
45°	224	224	224	224
60°	52	52	52	52
75°	23	23	23	23
90°	3	3	3	3

cd / 1000 lm

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

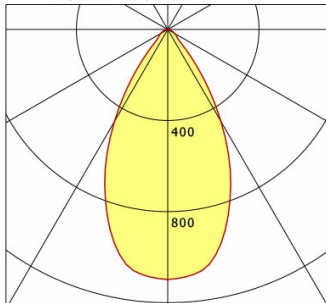
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.67	69.5
6.0	9.34	17.4
9.0	14.02	7.7
12.0	18.69	4.3
15.0	23.36	2.8

η	LED
Efficiency	85 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.8
UGR C90/C270	20.8
CIE Flux Codes	72 92 98 100 100
Ra/CRI	>80

LTS

Edel+Stahl 30 (ECZ 3.21, 1xLED 11W 830/3000K 1010lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	1098	1098	1098	1098
15°	942	942	942	942
30°	466	466	466	466
45°	76	76	76	76
60°	35	35	35	35
75°	15	15	15	15
90°	2	2	2	2

cd / 1000 lm

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

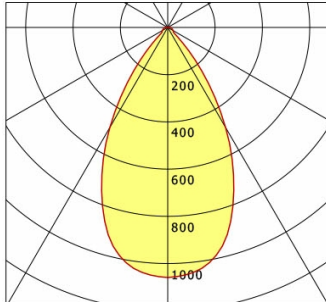
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.14	123.2
6.0	6.28	30.8
9.0	9.42	13.7
12.0	12.57	7.7
15.0	15.71	4.9

η	LED
Efficiency	92 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	17.8
UGR C90/C270	17.8
CIE Flux Codes	86 95 99 100 100
Ra/CRI	>80

LTS

Edel+Stahl 30 (ECZ 3.40, 1xLED 11W 830/3000K 1030lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	1059	1059	1059	1059
15°	935	935	935	935
30°	489	489	489	489
45°	75	75	75	75
60°	26	26	26	26
75°	18	18	18	18
90°	4	4	4	4

cd / 1000 lm

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

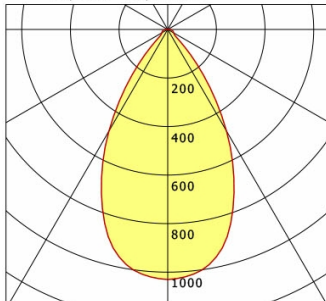
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.30	121.2
6.0	6.60	30.3
9.0	9.89	13.5
12.0	13.19	7.6
15.0	16.49	4.8

η	LED
Efficiency	94 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	18.5
UGR C90/C270	18.5
CIE Flux Codes	87 95 98 100 100
Ra/CRI	>80

LTS

Edel+Stahl 30 (ECZ 3.41, 1xLED 11W 830/3000K 980lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	1030	1030	1030	1030
15°	909	909	909	909
30°	483	483	483	483
45°	85	85	85	85
60°	28	28	28	28
75°	21	21	21	21
90°	4	4	4	4

cd / 1000 lm

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

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.33	112.2
6.0	6.65	28.0
9.0	9.98	12.5
12.0	13.30	7.0
15.0	16.63	4.5

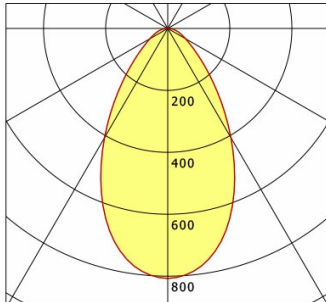
η	LED
Efficiency	89 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	18.8
UGR C90/C270	18.8
CIE Flux Codes	86 94 98 100 100
Ra/CRI	>80

LTS

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Edel+Stahl 30 (ECZ 3.42, 1xLED 11W 830/3000K 890lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	808	808	808	808
15°	695	695	695	695
30°	407	407	407	407
45°	164	164	164	164
60°	66	66	66	66
75°	29	29	29	29
90°	6	6	6	6

cd / 1000 lm

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

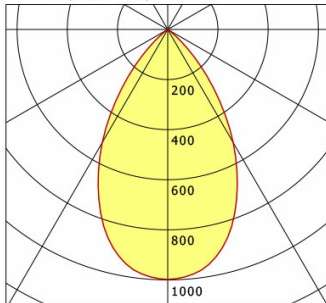
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.49	79.9
6.0	6.98	20.0
9.0	10.46	8.9
12.0	13.95	5.0
15.0	17.44	3.2

η	LED
Efficiency	81 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	21.3
UGR C90/C270	21.3
CIE Flux Codes	72 90 97 100 100
Ra/CRI	>80

LTS

Edel+Stahl 30 (ECZ 3.01, 1xLED 11W 830/3000K 1060lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	998	998	998	998
15°	883	883	883	883
30°	522	522	522	522
45°	129	129	129	129
60°	6	6	6	6
75°	4	4	4	4
90°	0	0	0	0

cd / 1000 lm

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

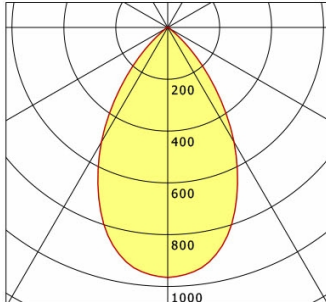
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.58	117.6
6.0	7.15	29.4
9.0	10.73	13.1
12.0	14.31	7.3
15.0	17.88	4.7

η	LED
Efficiency	96 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	16.2
UGR C90/C270	16.2
CIE Flux Codes	90 99 99 100 100
Ra/CRI	>80

LTS

Edel+Stahl 30 (ECZ 3.10, 1xLED 11W 830/3000K 1020lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	966	966	966	966
15°	853	853	853	853
30°	511	511	511	511
45°	138	138	138	138
60°	10	10	10	10
75°	8	8	8	8
90°	0	0	0	0

cd / 1000 lm

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

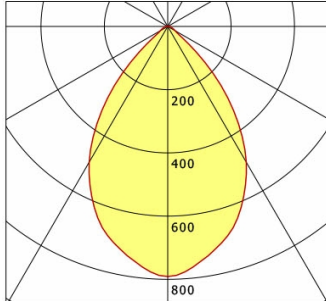
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.61	109.4
6.0	7.23	27.4
9.0	10.84	12.2
12.0	14.46	6.8
15.0	18.07	4.4

η	LED
Efficiency	93 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	16.7
UGR C90/C270	16.7
CIE Flux Codes	88 98 99 100 100
Ra/CRI	>80

LTS

Edel+Stahl 30 (ECZ 3.11, 1xLED 11W 830/3000K 990lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	791	791	791	791
15°	697	697	697	697
30°	496	496	496	496
45°	184	184	184	184
60°	27	27	27	27
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	4.24	87.0
6.0	8.47	21.8
9.0	12.71	9.7
12.0	16.95	5.4
15.0	21.19	3.5

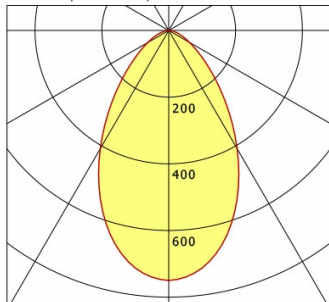
η	LED
Efficiency	90 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	18.5
UGR C90/C270	18.5
CIE Flux Codes	81 96 99 100 100
Ra/CRI	>80

LTS

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Edel+Stahl 30 (ECZ 3.12, 1xLED 11W 830/3000K 940lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	750	750	750	750
15°	649	649	649	649
30°	410	410	410	410
45°	187	187	187	187
60°	72	72	72	72
75°	23	23	23	23
90°	0	0	0	0
cd / 1000 lm				

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

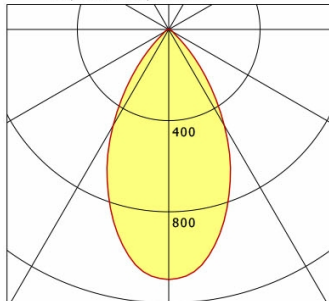
C0-C180 Plane		
3.0	3.75	78.3
6.0	7.51	19.6
9.0	11.26	8.7
12.0	15.02	4.9
15.0	18.77	3.1

η	LED
Efficiency	85 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	21.0
UGR C90/C270	21.0
CIE Flux Codes	70 92 98 100 100
Ra/CRI	>80

LTS

Edel+Stahl 30 (ECZ 3.17, 1xLED 11W 830/3000K 1020lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	1097	1097	1097	1097
15°	901	901	901	901
30°	487	487	487	487
45°	112	112	112	112
60°	21	21	21	21
75°	9	9	9	9
90°	0	0	0	0
cd / 1000 lm				

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

C0-C180 Plane		
3.0	3.19	124.3
6.0	6.37	31.1
9.0	9.56	13.8
12.0	12.74	7.8
15.0	15.93	5.0

η	LED
Efficiency	93 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	16.8
UGR C90/C270	16.8
CIE Flux Codes	87 97 99 100 100
Ra/CRI	>80

LTS

ECL 30.1130.02

Accessori



ECZ 3.01
Anello di copertura senza vetro



ECZ 3.10
Anello di copertura con vetro trasparente (interno)



ECZ 3.11
Anello di copertura con vetro semiopacizzato (interno)



ECZ 3.12
Anello di copertura con vetro opacizzato (interno)



ECZ 3.17
Anello di copertura con anello in vetro decorativo opacizzato (interno)



ECZ 3.20
Anello di copertura con vetro semisatinato (sporgente)



ECZ 3.21
Anello di copertura con anello in vetro satinato (sporgente)



ECZ 3.40
Anello a effetto luce senza vetro



ECZ 3.41
Anello a effetto luce con vetro trasparente (interno)



ECZ 3.42
Anello a effetto luce con vetro opacizzato (interno)



NOL 50B/3H/DALI
Gruppo di emergenza LED



ZDAR 175.215-275
Anello di compensazione per fori di 215 - 275 mm



ZVP 100
Cornice di rinforzo universale (modulo 625 x 625)