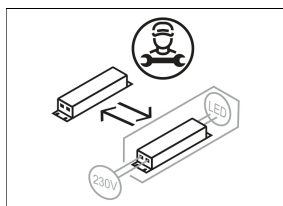
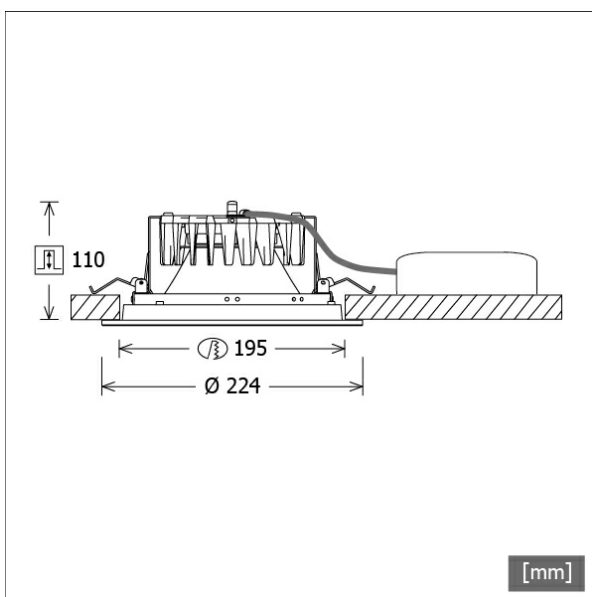


Downlight da incasso · Multi 30

CDL 30.1130.02/DALI



Colori	Articolo n.	EAN
argento	660080	4043544688996
bianco	660081	4043544689009



Descrizione

- downlight da incasso per illuminazione generale
- 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 frontale/di montaggio in policarbonato
- 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 DALI, dimmerabile) incluso (posizionamento esterno)

Note

Box per calcestruzzo disponibile su richiesta.

Opzioni standard



Opzioni speciali



Dati illuminotecnici / Norme

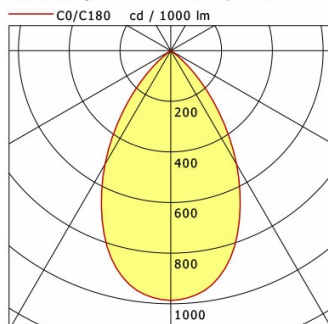
Lampade	LED Modul / CRI 80 / 3000 K
EPREL fonti luminose	891015
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Durata	
Prestazioni sistema	11.0 W
Flusso luminoso apparecchio	max. 1070 lm
Efficienza sistema	97.27 lm/W
Efficienza del modulo	116.61 lm/W
UGR classe	≤22
Angolo del fascio luminoso	75°
Tensione di alimentazione	220 - 240 V / 50 - 60 Hz
Classe di protezione	III
Tipo di protezione	IP20

Dimensioni / pesi

Diametro esterno	224 mm
Altezza	113 mm
Dimensione foro (Ø)	195 mm
Spessore soffitto	10.0 - 35.0 mm
Profondità di incasso	110 mm
Peso netto	0.96 kg
Peso lordo	1.02 kg

CDL 30.1130.02/DALI

Multi 30 (CDL ohne Dekor, 1xLED 11W 830/3000K 1070lm 75 °)



	C0	C90	C180	C270
0°	987	987	987	987
15°	870	870	870	870
30°	519	519	519	519
45°	149	149	149	149
60°	0	0	0	0
75°	0	0	0	0
90°	0	0	0	0

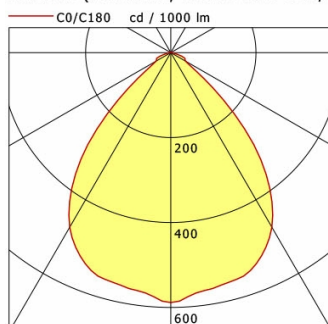
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.60	117.4
6.0	7.19	29.3
9.0	10.79	13.0
12.0	14.38	7.3
15.0	17.98	4.7

η	LED
Efficiency	97 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	16.4
UGR C90/C270	16.4
CIE Flux Codes	89 100 100 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.01, 1xLED 11W 830/3000K 920lm 75 °)



	C0	C90	C180	C270
0°	588	588	588	588
15°	557	557	557	557
30°	475	475	475	475
45°	228	228	228	228
60°	40	40	40	40
75°	17	17	17	17
90°	0	0	0	0

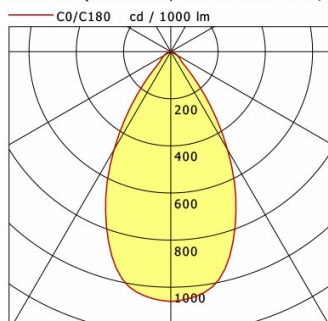
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	5.37	60.2
6.0	10.74	15.0
9.0	16.10	6.2
12.0	21.47	3.8
15.0	26.84	2.4

η	LED
Efficiency	84 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.0
UGR C90/C270	20.0
CIE Flux Codes	74 94 99 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.08, 1xLED 11W 830/3000K 1030lm 75 °)



	C0	C90	C180	C270
0°	1061	1061	1061	1061
15°	928	928	928	928
30°	480	480	480	480
45°	83	83	83	83
60°	32	32	32	32
75°	12	12	12	12
90°	1	1	1	1

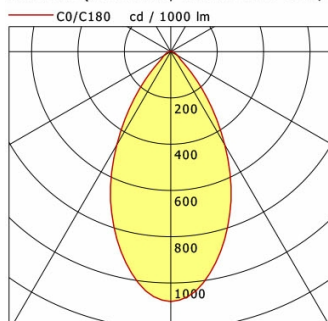
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.26	121.4
6.0	6.52	30.4
9.0	9.78	13.5
12.0	13.03	7.6
15.0	16.29	4.9

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	17.3
UGR C90/C270	17.3
CIE Flux Codes	86 96 99 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.35, 1xLED 11W 830/3000K 1040lm 75 °)



	C0	C90	C180	C270
0°	1080	1080	1080	1080
15°	867	867	867	867
30°	466	466	466	466
45°	115	115	115	115
60°	34	34	34	34
75°	15	15	15	15
90°	0	0	0	0

cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.11	124.8
6.0	6.23	31.2
9.0	9.34	13.9
12.0	12.46	7.8
15.0	15.57	5.0

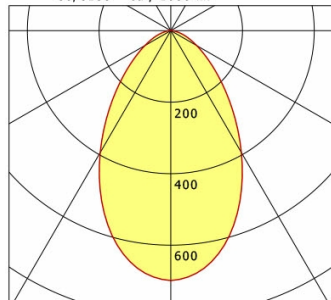
η	LED
Efficiency	95 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	18.2
UGR C90/C270	18.2
CIE Flux Codes	84 95 99 100 100
Ra/CRI	>80

LTS

CDL 30.1130.02/DALI

Multi 30 (CDZ 3.38, 1xLED 11W 830/3000K 970lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	699	699	699	699
15°	607	607	607	607
30°	394	394	394	394
45°	196	196	196	196
60°	84	84	84	84
75°	28	28	28	28
90°	0	0	0	0

cd / 1000 lm

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

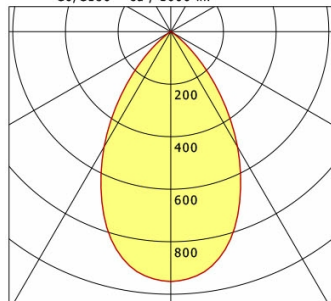
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.89	75.3
6.0	7.78	18.8
9.0	11.67	8.4
12.0	15.57	4.7
15.0	19.46	3.0

η	LED
Efficiency	88 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	67 90 98 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.39, 1xLED 11W 830/3000K 1030lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	952	952	952	952
15°	839	839	839	839
30°	507	507	507	507
45°	154	154	154	154
60°	7	7	7	7
75°	4	4	4	4
90°	0	0	0	0

cd / 1000 lm

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

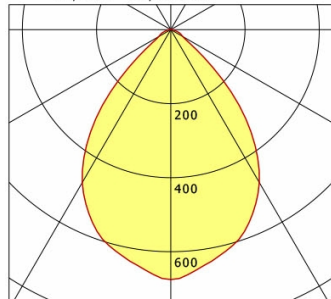
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.64	108.9
6.0	7.28	27.2
9.0	10.91	12.1
12.0	14.55	6.8
15.0	18.19	4.4

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	16.6
UGR C90/C270	16.6
CIE Flux Codes	87 99 100 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.60, 1xLED 11W 830/3000K 1020lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	675	675	675	675
15°	611	611	611	611
30°	477	477	477	477
45°	213	213	213	213
60°	38	38	38	38
75°	16	16	16	16
90°	0	0	0	0

cd / 1000 lm

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

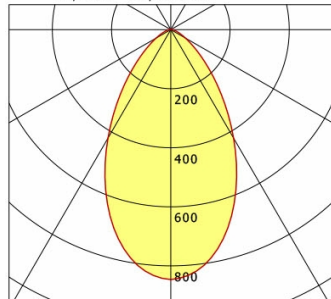
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.81	76.5
6.0	9.63	19.1
9.0	14.44	8.5
12.0	19.25	4.8
15.0	24.06	3.1

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	19.7
UGR C90/C270	19.7
CIE Flux Codes	76 95 99 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.61, 1xLED 11W 830/3000K 1030lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	846	846	846	846
15°	715	715	715	715
30°	424	424	424	424
45°	175	175	175	175
60°	57	57	57	57
75°	18	18	18	18
90°	0	0	0	0

cd / 1000 lm

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

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.47	96.8
6.0	6.94	24.2
9.0	10.41	10.8
12.0	13.89	6.1
15.0	17.36	3.9

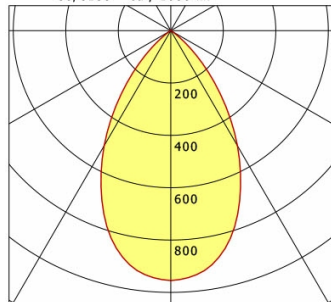
η	LED
Efficiency	94 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.1
UGR C90/C270	20.1
CIE Flux Codes	75 94 99 100 100
Ra/CRI	>80

LTS

CDL 30.1130.02/DALI

Multi 30 (CDZ 3.62, 1xLED 11W 830/3000K 1050lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	955	955	955	955
15°	841	841	841	841
30°	508	508	508	508
45°	153	153	153	153
60°	7	7	7	7
75°	4	4	4	4
90°	0	0	0	0

cd / 1000 lm

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

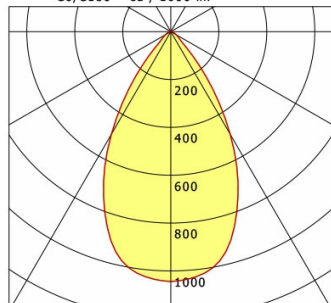
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.63	111.4
6.0	7.27	27.8
9.0	10.90	12.4
12.0	14.54	7.0
15.0	18.17	4.5

η	LED
Efficiency	95 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	87 99 100 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.63, 1xLED 11W 830/3000K 1040lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	1044	1044	1044	1044
15°	929	929	929	929
30°	495	495	495	495
45°	84	84	84	84
60°	26	26	26	26
75°	10	10	10	10
90°	1	1	1	1

cd / 1000 lm

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

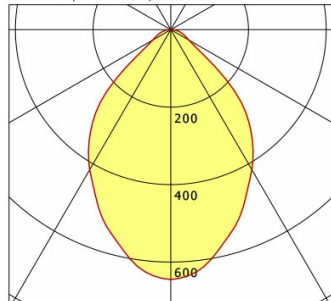
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.35	120.7
6.0	6.71	30.2
9.0	10.06	13.4
12.0	13.41	7.5
15.0	16.76	4.8

η	LED
Efficiency	95 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 97 99 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.64, 1xLED 11W 830/3000K 990lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	645	645	645	645
15°	558	558	558	558
30°	418	418	418	418
45°	246	246	246	246
60°	54	54	54	54
75°	26	26	26	26
90°	2	2	2	2

cd / 1000 lm

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

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.89	71.0
6.0	9.78	17.7
9.0	14.67	7.9
12.0	19.56	4.4
15.0	24.45	2.8

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	21.4
UGR C90/C270	21.4
CIE Flux Codes	69 92 98 100 100
Ra/CRI	>80

LTS

CDL 30.1130.02/DALI

Accessori



CDZ 3.01
Vetro semiopacizzato
(interno)



CDZ 3.08
Anello in vetro satinato
(sporgente)



CDZ 3.35
Anello in vetro decorativo opacizzato
(interno)



CDZ 3.38
Vetro satinato
(interno)



CDZ 3.39
Vetro trasparente
(interno)



CDZ 3.60
Vetro acrilico semiopacizzato
(interno)



CDZ 3.61
Vetro acrilico opacizzato
(interno)



CDZ 3.62
Vetro acrilico trasparente
(interno)



CDZ 3.63
Anello in vetro acrilico opacizzato
(sporgente)



CDZ 3.64
Vetro acrilico opacizzato all'interno
(sporgente)



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



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