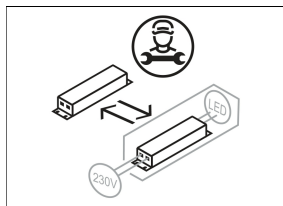
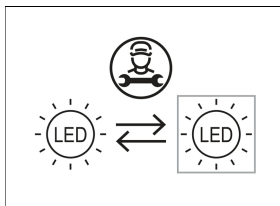
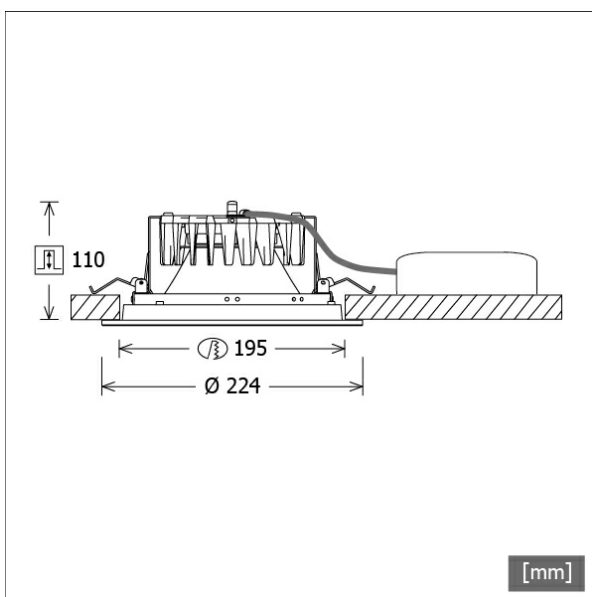


Downlight da incasso · Multi 30

CDL 30.3030.02



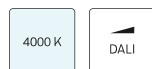
Colori	Articolo n.	EAN
argento	660094	4043544689139
bianco	660095	4043544689146



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 (termodispersore 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 polycarbonato
- 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)

Opzioni standard



Opzioni speciali



Dati illuminotecnici / Norme

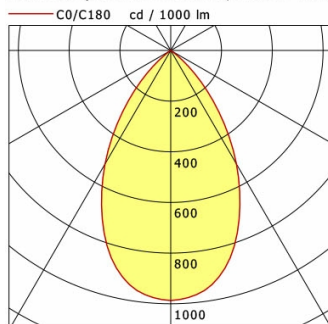
Lampade	LED Modul / CRI 80 / 3000 K
EPREL fonti luminose	891018
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Durata	
Prestazioni sistema	28.0 W
Flusso luminoso apparecchio	max. 2970 lm
Efficienza sistema	106.07 lm/W
Efficienza del modulo	119.10 lm/W
UGR classe	≤28
Angolo del fascio luminoso	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	0.97 kg
Peso lordo	1.02 kg

CDL 30.3030.02

Multi 30 (CDL ohne Dekor, 1xLED 28W 830/3000K 2970lm 75 °)



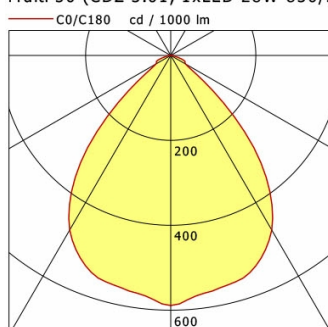
	C0	C90	C180	C270
0°	987	987	987	987
15°	869	869	869	869
30°	518	518	518	518
45°	150	150	150	150
60°	0	0	0	0
75°	0	0	0	0
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.59	325.8
6.0	7.19	81.4
9.0	10.78	36.2
12.0	14.37	20.4
15.0	17.97	13.0

η	LED
Efficiency	106 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.0
UGR C90/C270	20.0
CIE Flux Codes	89 100 100 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.01, 1xLED 28W 830/3000K 2540lm 75 °)



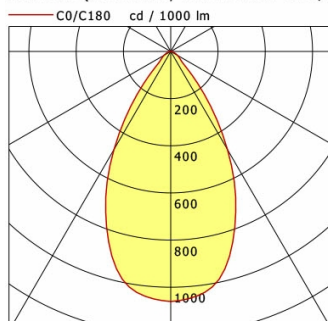
	C0	C90	C180	C270
0°	589	589	589	589
15°	556	556	556	556
30°	475	475	475	475
45°	229	229	229	229
60°	40	40	40	40
75°	17	17	17	17
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	5.37	166.2
6.0	10.74	41.6
9.0	16.11	18.5
12.0	21.49	10.4
15.0	26.86	6.6

η	LED
Efficiency	91 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	23.5
UGR C90/C270	23.5
CIE Flux Codes	73 94 99 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.08, 1xLED 28W 830/3000K 2850lm 75 °)



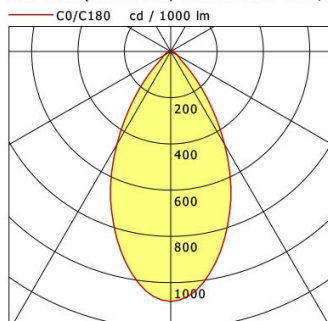
	C0	C90	C180	C270
0°	1061	1061	1061	1061
15°	927	927	927	927
30°	480	480	480	480
45°	84	84	84	84
60°	32	32	32	32
75°	12	12	12	12
90°	1	1	1	1

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.26	335.8
6.0	6.52	84.0
9.0	9.77	37.3
12.0	13.03	21.0
15.0	16.29	13.4

η	LED
Efficiency	102 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.8
UGR C90/C270	20.8
CIE Flux Codes	86 96 99 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.35, 1xLED 28W 830/3000K 2880lm 75 °)



	C0	C90	C180	C270
0°	1082	1082	1082	1082
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

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.11	346.2
6.0	6.22	86.5
9.0	9.33	38.5
12.0	12.44	21.6
15.0	15.55	13.8

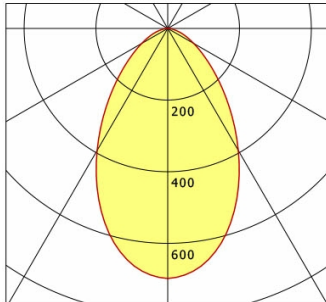
η	LED
Efficiency	103 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	21.7
UGR C90/C270	21.7
CIE Flux Codes	84 95 99 100 100
Ra/CRI	>80

LTS

CDL 30.3030.02

Multi 30 (CDZ 3.38, 1xLED 28W 830/3000K 2640lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	698	698	698	698
15°	606	606	606	606
30°	393	393	393	393
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]

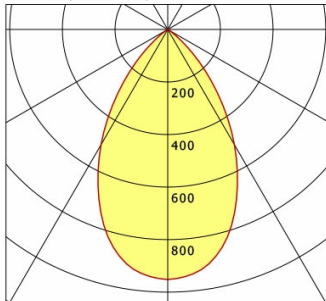
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.89	204.8
6.0	7.79	51.2
9.0	11.68	22.8
12.0	15.57	12.8
15.0	19.46	8.2

η	LED
Efficiency	94 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	25.5
UGR C90/C270	25.5
CIE Flux Codes	67 90 98 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.39, 1xLED 28W 830/3000K 2850lm 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°	155	155	155	155
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]

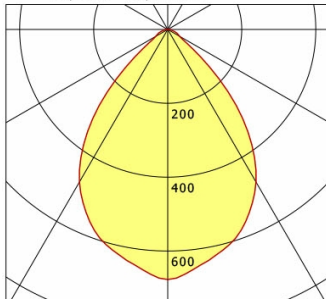
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.64	301.4
6.0	7.28	75.4
9.0	10.91	33.5
12.0	14.55	18.8
15.0	18.19	12.1

η	LED
Efficiency	102 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.2
UGR C90/C270	20.2
CIE Flux Codes	87 99 100 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.60, 1xLED 28W 830/3000K 2820lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	677	677	677	677
15°	611	611	611	611
30°	477	477	477	477
45°	214	214	214	214
60°	37	37	37	37
75°	15	15	15	15
90°	0	0	0	0

cd / 1000 lm

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

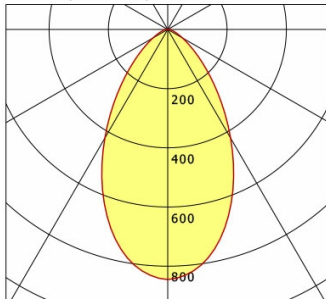
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.81	212.2
6.0	9.62	53.0
9.0	14.44	23.6
12.0	19.25	13.3
15.0	24.06	8.5

η	LED
Efficiency	101 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	23.2
UGR C90/C270	23.2
CIE Flux Codes	76 95 99 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.61, 1xLED 28W 830/3000K 2850lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	845	845	845	845
15°	714	714	714	714
30°	424	424	424	424
45°	175	175	175	175
60°	57	57	57	57
75°	18	18	18	18
90°	1	1	1	1

cd / 1000 lm

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

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.47	267.6
6.0	6.95	66.9
9.0	10.42	29.7
12.0	13.89	16.7
15.0	17.37	10.7

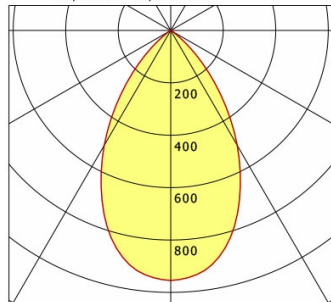
η	LED
Efficiency	102 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	23.7
UGR C90/C270	23.7
CIE Flux Codes	75 94 99 100 100
Ra/CRI	>80

LTS

CDL 30.3030.02

Multi 30 (CDZ 3.62, 1xLED 28W 830/3000K 2910lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	955	955	955	955
15°	840	840	840	840
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]

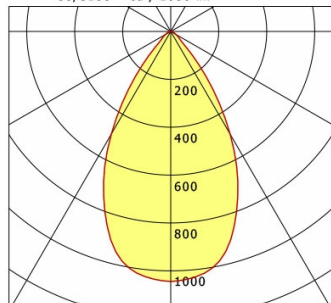
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.63	308.7
6.0	7.26	77.2
9.0	10.89	34.3
12.0	14.52	19.3
15.0	18.15	12.3

η	LED
Efficiency	104 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.2
UGR C90/C270	20.2
CIE Flux Codes	87 99 100 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.63, 1xLED 28W 830/3000K 2880lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	1045	1045	1045	1045
15°	928	928	928	928
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]

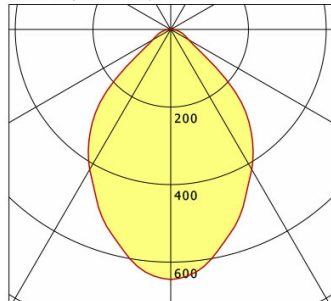
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.35	334.2
6.0	6.70	83.6
9.0	10.06	37.1
12.0	13.41	20.9
15.0	16.76	13.4

η	LED
Efficiency	103 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.3
UGR C90/C270	20.3
CIE Flux Codes	88 97 99 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.64, 1xLED 28W 830/3000K 2720lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	645	645	645	645
15°	557	557	557	557
30°	417	417	417	417
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	4.90	194.9
6.0	9.81	48.7
9.0	14.71	21.7
12.0	19.61	12.2
15.0	24.51	7.8

η	LED
Efficiency	97 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	24.9
UGR C90/C270	24.9
CIE Flux Codes	69 92 98 100 100
Ra/CRI	>80

LTS

CDL 30.3030.02

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)