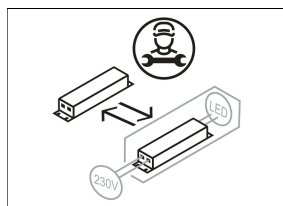
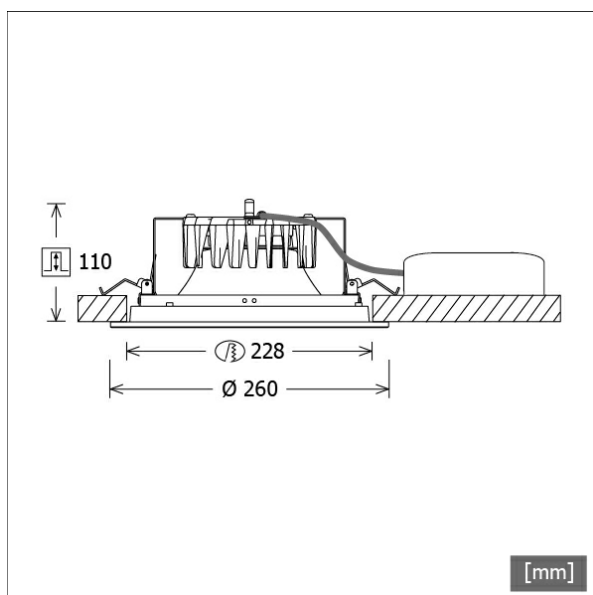


CDL 40.1130.02/DALI



Farbe	Artikelnummer	EAN
silber	660128	4043544689474
weiß	660129	4043544689481



Beschreibung

- Einbau-Downlight für Allgemeinbeleuchtung
- Leuchte erweiterbar mit verschiedenen optischen Dekorringen und Gläsern
- hohe Wartungsfreundlichkeit
- keine UV- und Wärmestrahlung
- innovatives Wärmemanagement mit Passivkühlung (Kühlkörper aus Aluminiumdruckguss)
- Spiegelreflektor aus Aluminium mit präziser symmetrischer Abstrahlcharakteristik für optimale Lichtausbeute und Entblendung
- Front-/Einbauring aus Polycarbonat
- werkzeugloser Deckeneinbau mit Schnellspannern (automatische Anpassung der Deckenstärke)
- Anschluss an Betriebsgerät über vormontiertes Leuchtenkabel
- Betriebsgerät (LED-Konverter DALI, dimmbar) inklusive (Platzierung extern)

Hinweise

Betoneingießtopf auf Anfrage erhältlich.

Standardoptionen



Sonderoptionen



Lichttechnik / Normen

Leuchtmittel	LED Modul / CRI 80 / 3000 K
EPREL Lichtquellen	891015
Lebensdauer	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
Systemleistung	11.0 W
Leuchten-Lichtstrom	max. 1110 lm
Systemeffizienz	95.45 lm/W
Moduleffizienz	116.61 lm/W
UGR Klasse	≤22
Abstrahlwinkel	73°
Versorgungsspannung	220 - 240 V / 50 - 60 Hz
Schutzklasse	III
Schutzart	IP20

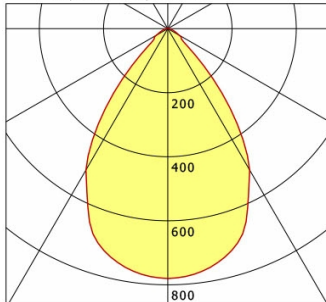
Abmessungen / Gewichte

Außendurchmesser	260 mm
Höhe	114 mm
Ausschnittsmaß (Ø)	228 mm
Deckenstärke	10.0 - 35.0 mm
Einbautiefe	110 mm
Nettogewicht	1.02 kg
Bruttogewicht	1.18 kg

CDL 40.1130.02/DALI

Multi 40 (CDZ 4.63, 1xLED 11W 830/3000K 1050lm 73 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	780	780	780	780
15°	728	728	728	728
30°	510	510	510	510
45°	140	140	140	140
60°	41	41	41	41
75°	14	14	14	14
90°	1	1	1	1

cd / 1000 lm

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

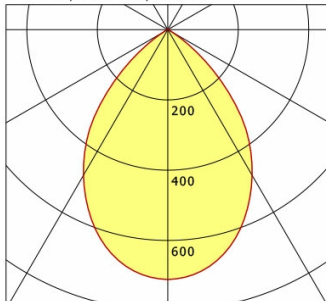
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.22	91.0
6.0	8.45	22.8
9.0	12.67	10.1
12.0	16.90	5.7
15.0	21.12	3.6

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	17.5
UGR C90/C270	17.5
CIE Flux Codes	82 95 99 100 100
Ra/CRI	>80

LTS

Multi 40 (CDZ 4.39, 1xLED 11W 830/3000K 1070lm 73 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	711	711	711	711
15°	650	650	650	650
30°	479	479	479	479
45°	229	229	229	229
60°	16	16	16	16
75°	5	5	5	5
90°	0	0	0	0

cd / 1000 lm

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

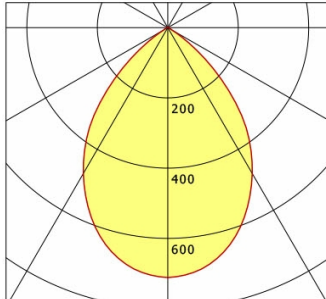
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.73	84.6
6.0	9.47	21.1
9.0	14.20	9.4
12.0	18.94	5.3
15.0	23.67	3.4

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	17.5
UGR C90/C270	17.5
CIE Flux Codes	78 98 100 100 100
Ra/CRI	>80

LTS

Multi 40 (CDZ 4.62, 1xLED 11W 830/3000K 1080lm 73 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	711	711	711	711
15°	650	650	650	650
30°	480	480	480	480
45°	230	230	230	230
60°	15	15	15	15
75°	5	5	5	5
90°	0	0	0	0

cd / 1000 lm

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

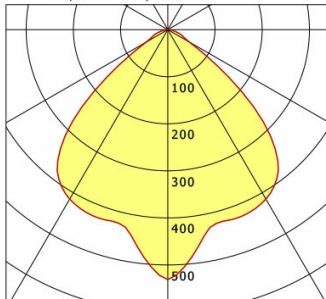
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.74	85.4
6.0	9.48	21.3
9.0	14.22	9.5
12.0	18.96	5.3
15.0	23.69	3.4

η	LED
Efficiency	98 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	17.5
UGR C90/C270	17.5
CIE Flux Codes	78 99 100 100 100
Ra/CRI	>80

LTS

Multi 40 (CDZ 4.60, 1xLED 11W 830/3000K 1050lm 73 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	531	531	531	531
15°	424	424	424	424
30°	416	416	416	416
45°	297	297	297	297
60°	52	52	52	52
75°	18	18	18	18
90°	0	0	0	0

cd / 1000 lm

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

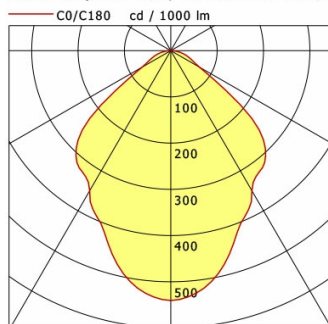
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	6.39	61.9
6.0	12.79	15.5
9.0	19.18	6.9
12.0	25.58	3.9
15.0	31.97	2.5

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	20.3
UGR C90/C270	20.3
CIE Flux Codes	65 94 99 100 100
Ra/CRI	>80

LTS

CDL 40.1130.02/DALI

Multi 40 (CDZ 4.64, 1xLED 11W 830/3000K 1010lm 73 °)



	C0	C90	C180	C270
0°	541	541	541	541
15°	468	468	468	468
30°	350	350	350	350
45°	286	286	286	286
60°	71	71	71	71
75°	30	30	30	30
90°	2	2	2	2

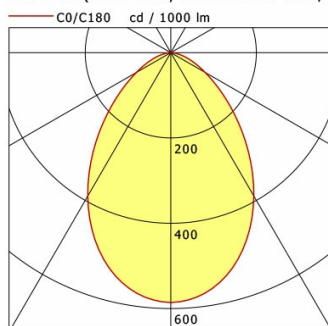
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	6.37	60.7
6.0	12.74	15.2
9.0	19.11	6.7
12.0	25.49	3.8
15.0	31.86	2.4

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	21.5
UGR C90/C270	21.5
CIE Flux Codes	60 90 98 100 100
Ra/CRI	>80

LTS

Multi 40 (CDZ 4.38, 1xLED 11W 830/3000K 1000lm 73 °)



	C0	C90	C180	C270
0°	586	586	586	586
15°	532	532	532	532
30°	388	388	388	388
45°	216	216	216	216
60°	93	93	93	93
75°	30	30	30	30
90°	0	0	0	0

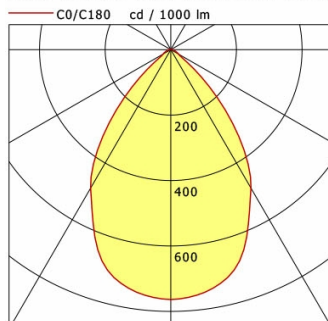
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.71	65.1
6.0	9.43	16.3
9.0	14.14	7.2
12.0	18.86	4.1
15.0	23.57	2.6

η	LED
Efficiency	91 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	64 89 98 100 100
Ra/CRI	>80

LTS

Multi 40 (CDZ 4.35, 1xLED 11W 830/3000K 1080lm 73 °)



	C0	C90	C180	C270
0°	764	764	764	764
15°	710	710	710	710
30°	489	489	489	489
45°	184	184	184	184
60°	27	27	27	27
75°	12	12	12	12
90°	0	0	0	0

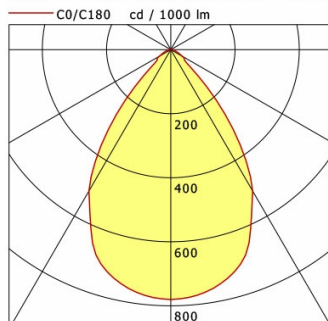
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.34	91.6
6.0	8.69	22.9
9.0	13.03	10.2
12.0	17.38	5.7
15.0	21.72	3.7

η	LED
Efficiency	98 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	17.5
UGR C90/C270	17.5
CIE Flux Codes	80 96 99 100 100
Ra/CRI	>80

LTS

Multi 40 (CDZ 4.08, 1xLED 11W 830/3000K 1050lm 73 °)



	C0	C90	C180	C270
0°	780	780	780	780
15°	728	728	728	728
30°	510	510	510	510
45°	140	140	140	140
60°	41	41	41	41
75°	14	14	14	14
90°	1	1	1	1

cd / 1000 lm

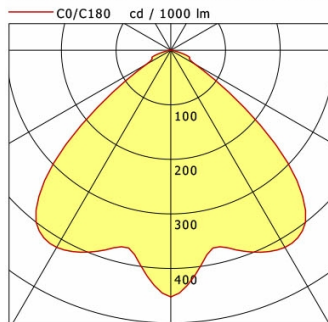
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.22	91.0
6.0	8.45	22.8
9.0	12.67	10.1
12.0	16.90	5.7
15.0	21.12	3.6

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	17.5
UGR C90/C270	17.5
CIE Flux Codes	82 95 99 100 100
Ra/CRI	>80

LTS

CDL 40.1130.02/DALI

Multi 40 (CDZ 4.01, 1xLED 11W 830/3000K 900lm 73 °)



	C0	C90	C180	C270
0°	452	452	452	452
15°	374	374	374	374
30°	417	417	417	417
45°	316	316	316	316
60°	51	51	51	51
75°	20	20	20	20
90°	0	0	0	0

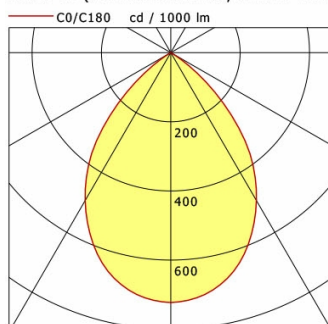
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	7.01	45.2
6.0	14.02	11.3
9.0	21.02	5.0
12.0	28.03	2.8
15.0	35.04	1.8

η	LED
Efficiency	82 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	63 94 99 100 100
Ra/CRI	>80

LTS

Multi 40 (CDL ohne Dekor, 1xLED 11W 830/3000K 1110lm 73 °)



	C0	C90	C180	C270
0°	723	723	723	723
15°	666	666	666	666
30°	494	494	494	494
45°	231	231	231	231
60°	4	4	4	4
75°	0	0	0	0
90°	0	0	0	0

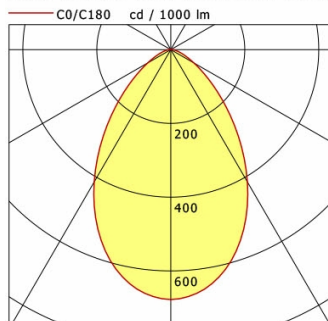
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.77	89.1
6.0	9.54	22.3
9.0	14.32	9.9
12.0	19.09	5.6
15.0	23.86	3.6

η	LED
Efficiency	101 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	17.5
UGR C90/C270	17.5
CIE Flux Codes	80 100 100 100 100
Ra/CRI	>80

LTS

Multi 40 (CDZ 4.61, 1xLED 11W 830/3000K 1060lm 73 °)



	C0	C90	C180	C270
0°	678	678	678	678
15°	604	604	604	604
30°	414	414	414	414
45°	203	203	203	203
60°	72	72	72	72
75°	22	22	22	22
90°	1	1	1	1

cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.21	79.8
6.0	8.42	20.0
9.0	12.64	8.9
12.0	16.85	5.0
15.0	21.06	3.2

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	20.2
UGR C90/C270	20.2
CIE Flux Codes	69 92 98 100 100
Ra/CRI	>80

LTS

CDL 40.1130.02/DALI

Zubehör



CDZ 4.01
Glasscheibe teilmattiert
(innenliegend)



CDZ 4.08
Glassring satiniert
(vorgesetzt)



CDZ 4.35
Dekoglasring mattiert
(innenliegend)



CDZ 4.38
Glasscheibe satiniert
(innenliegend)



CDZ 4.39
Glasscheibe klar
(innenliegend)



CDZ 4.60
Acrylglasscheibe teilmattiert
(innenliegend)



CDZ 4.61
Acrylglasscheibe mattiert
(innenliegend)



CDZ 4.62
Acrylglasscheibe klar
(innenliegend)



CDZ 4.63
Acrylglasring mattiert
(vorgesetzt)



CDZ 4.64
Acrylglasscheibe innen mattiert
(vorgesetzt)



NOL 50B/3H/DALI
LED-Notlichteinheit



ZVP 100
Universalverstärkungsrahmen
(Modul 625 x 625)