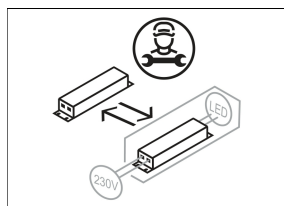
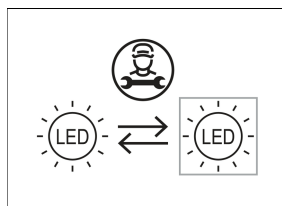
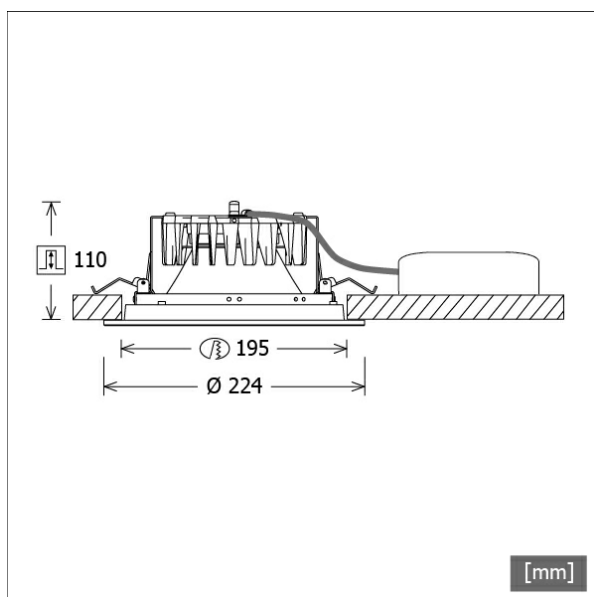


CDL 30.2030.02/DALI



Farbe	Artikelnummer	EAN
silber	660088	4043544689078
weiß	660089	4043544689085



Beschreibung

- Einbau-Downlight für Allgemeinbeleuchtung
- Leuchte erweiterbar mit verschiedenen optischen Dekorrinnen 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

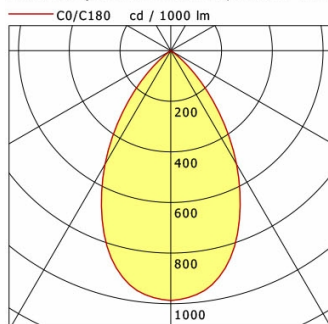
Leuchtmittel	LED Modul / CRI 80 / 3000 K
EPREL Lichtquellen	891015
Lebensdauer	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
Systemleistung	22.0 W
Leuchten-Lichtstrom	max. 2180 lm
Systemeffizienz	99.09 lm/W
Moduleffizienz	116.61 lm/W
UGR Klasse	≤25
Abstrahlwinkel	75°
Versorgungsspannung	220 - 240 V / 50 - 60 Hz
Schutzklasse	III
Schutzart	IP20

Abmessungen / Gewichte

Außendurchmesser	224 mm
Höhe	113 mm
Ausschnittsmaß (Ø)	195 mm
Deckenstärke	10.0 - 35.0 mm
Einbautiefe	110 mm
Nettogewicht	0.97 kg
Bruttogewicht	1.03 kg

CDL 30.2030.02/DALI

Multi 30 (CDL ohne Dekor, 1xLED 22W 830/3000K 2180lm 75 °)



	C0	C90	C180	C270
0°	988	988	988	988
15°	870	870	870	870
30°	519	519	519	519
45°	148	148	148	148
60°	0	0	0	0
75°	0	0	0	0
90°	0	0	0	0

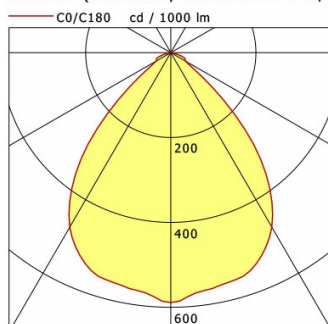
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.60	239.2
6.0	7.19	59.8
9.0	10.79	26.6
12.0	14.38	15.0
15.0	17.98	9.6

η	LED
Efficiency	99 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	18.9
UGR C90/C270	18.9
CIE Flux Codes	89 100 100 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.01, 1xLED 22W 830/3000K 1860lm 75 °)



	C0	C90	C180	C270
0°	589	589	589	589
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

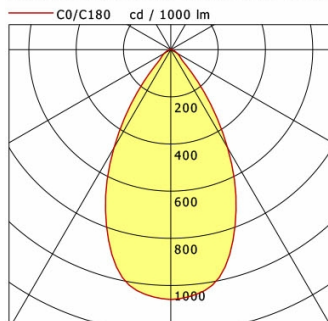
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	5.37	121.7
6.0	10.73	30.4
9.0	16.10	13.5
12.0	21.47	7.6
15.0	26.83	4.9

η	LED
Efficiency	85 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.4
UGR C90/C270	22.4
CIE Flux Codes	74 94 99 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.08, 1xLED 22W 830/3000K 2080lm 75 °)



	C0	C90	C180	C270
0°	1060	1060	1060	1060
15°	928	928	928	928
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

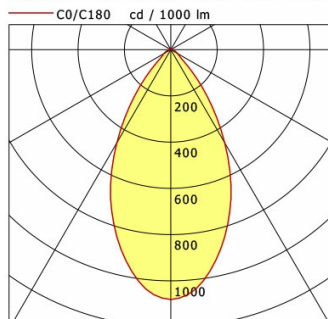
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.26	244.9
6.0	6.52	61.2
9.0	9.78	27.2
12.0	13.04	15.3
15.0	16.30	9.8

η	LED
Efficiency	95 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	19.7
UGR C90/C270	19.7
CIE Flux Codes	86 96 99 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.35, 1xLED 22W 830/3000K 2100lm 75 °)



	C0	C90	C180	C270
0°	1081	1081	1081	1081
15°	867	867	867	867
30°	465	465	465	465
45°	114	114	114	114
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	252.2
6.0	6.22	63.1
9.0	9.33	28.0
12.0	12.44	15.8
15.0	15.55	10.1

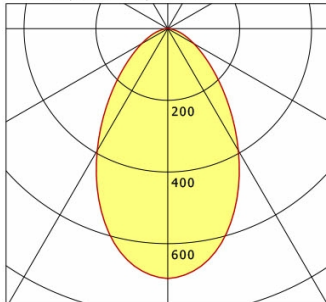
η	LED
Efficiency	96 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.7
UGR C90/C270	20.7
CIE Flux Codes	84 95 99 100 100
Ra/CRI	>80

LTS

CDL 30.2030.02/DALI

Multi 30 (CDZ 3.38, 1xLED 22W 830/3000K 1940lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	697	697	697	697
15°	605	605	605	605
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]

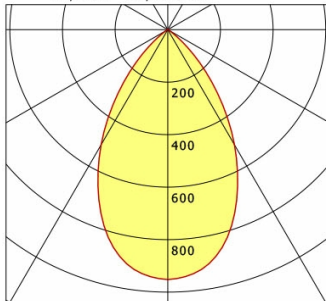
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.89	150.3
6.0	7.78	37.6
9.0	11.68	16.7
12.0	15.57	9.4
15.0	19.46	6.0

η	LED
Efficiency	88 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	24.5
UGR C90/C270	24.5
CIE Flux Codes	67 90 98 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.39, 1xLED 22W 830/3000K 2090lm 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°	5	5	5	5
90°	0	0	0	0

cd / 1000 lm

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

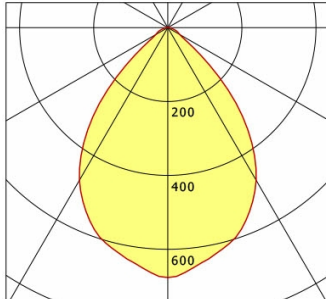
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.64	221.1
6.0	7.27	55.3
9.0	10.91	24.6
12.0	14.55	13.8
15.0	18.19	8.8

η	LED
Efficiency	95 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	19.1
UGR C90/C270	19.1
CIE Flux Codes	87 99 100 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.60, 1xLED 22W 830/3000K 2060lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	676	676	676	676
15°	612	612	612	612
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]

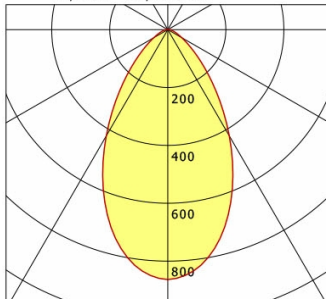
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.81	154.8
6.0	9.61	38.7
9.0	14.42	17.2
12.0	19.22	9.7
15.0	24.03	6.2

η	LED
Efficiency	94 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.1
UGR C90/C270	22.1
CIE Flux Codes	76 95 99 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.61, 1xLED 22W 830/3000K 2070lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	864	864	864	864
15°	728	728	728	728
30°	424	424	424	424
45°	169	169	169	169
60°	56	56	56	56
75°	19	19	19	19
90°	1	1	1	1

cd / 1000 lm

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

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.41	198.6
6.0	6.82	49.7
9.0	10.23	22.1
12.0	13.65	12.4
15.0	17.06	7.9

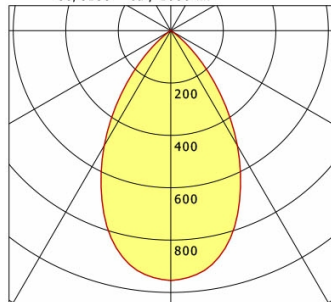
η	LED
Efficiency	94 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.7
UGR C90/C270	22.7
CIE Flux Codes	75 93 99 100 100
Ra/CRI	>80

LTS

CDL 30.2030.02/DALI

Multi 30 (CDZ 3.62, 1xLED 22W 830/3000K 2110lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	955	955	955	955
15°	841	841	841	841
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]

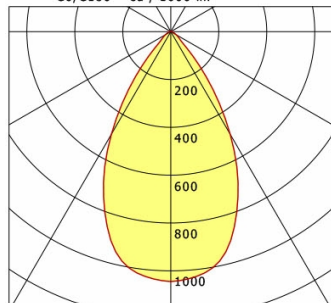
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.63	223.8
6.0	7.26	55.9
9.0	10.90	24.9
12.0	14.53	14.0
15.0	18.16	9.0

η	LED
Efficiency	96 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	19.1
UGR C90/C270	19.1
CIE Flux Codes	87 99 100 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.63, 1xLED 22W 830/3000K 2100lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	1045	1045	1045	1045
15°	929	929	929	929
30°	495	495	495	495
45°	83	83	83	83
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]

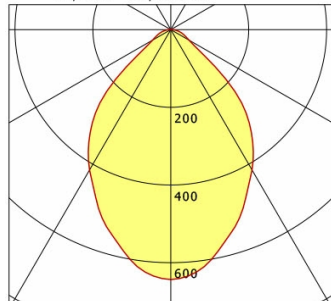
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.35	243.8
6.0	6.70	60.9
9.0	10.06	27.1
12.0	13.41	15.2
15.0	16.76	9.8

η	LED
Efficiency	96 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	19.2
UGR C90/C270	19.2
CIE Flux Codes	88 97 99 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.64, 1xLED 22W 830/3000K 2010lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	643	643	643	643
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	143.7
6.0	9.81	35.9
9.0	14.71	16.0
12.0	19.62	9.0
15.0	24.52	5.7

η	LED
Efficiency	91 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	23.9
UGR C90/C270	23.9
CIE Flux Codes	69 92 98 100 100
Ra/CRI	>80

LTS

CDL 30.2030.02/DALI

Zubehör



CDZ 3.01
Glasscheibe teilmattiert
(innenliegend)



CDZ 3.08
Glasring satiniert
(vorgesetzt)



CDZ 3.35
Dekoglasring mattiert
(innenliegend)



CDZ 3.38
Glasscheibe satiniert
(innenliegend)



CDZ 3.39
Glasscheibe klar
(innenliegend)



CDZ 3.60
Acrylglasscheibe teilmattiert
(innenliegend)



CDZ 3.61
Acrylglasscheibe mattiert
(innenliegend)



CDZ 3.62
Acrylglasscheibe klar
(innenliegend)



CDZ 3.63
Acrylgasring mattiert
(vorgesetzt)



CDZ 3.64
Acrylglasscheibe innen mattiert
(vorgesetzt)



NOL 50B/3H/DALI
LED-Notlichteinheit



ZVP 100
Universalverstärkungsrahmen
(Modul 625 x 625)