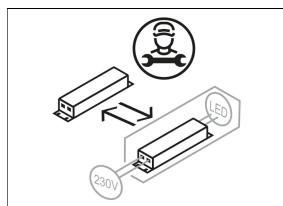
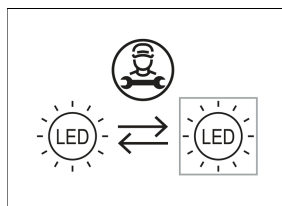
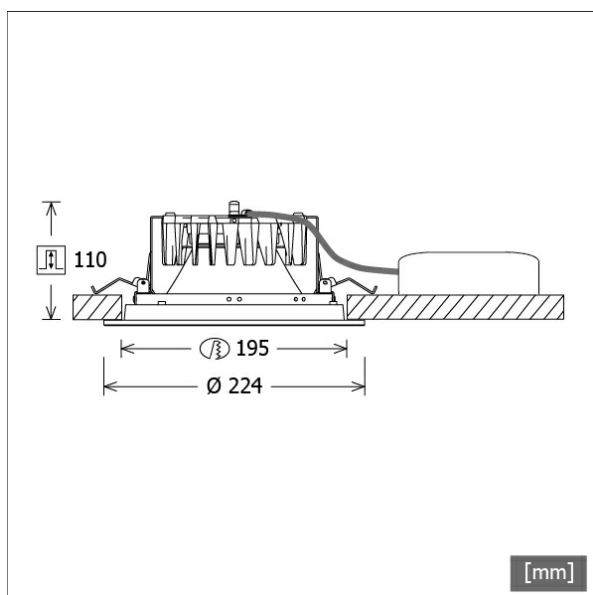


CDL 30.1130.02



Coloris	Réf. article	EAN
argent	660078	4043544688972
blanc	660079	4043544688989



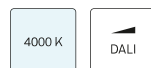
Description

- downlight à encastrement pour éclairage général
- lampe expansible avec plusieurs verres et anneaux décoratifs optiques
- très simple à entretenir
- absence de radiations thermiques et UV
- gestion de la chaleur innovante avec refroidissement passif (dissipateur thermique en aluminium moulé sous pression)
- réflecteur-miroir en aluminium à faisceau symétrique précis pour un haut rendement lumineux et un contrôle optimal de l'éblouissement.
- anneau de montage/frontal en polycarbonate
- montage au plafond sans outils à l'aide de fixations rapides (réglage automatique de l'épaisseur du plafond)
- branchement au ballast par câble de l'appareil pré-assemblé
- ballast (convertisseur LED) Inclus (positionnement extérieur)

Observations

Boîtier pour béton armé disponible sur demande.

Options standard



Options spéciales



Données d'éclairage / Normes

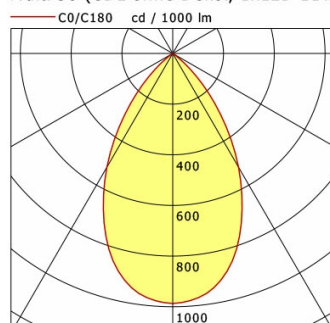
Lampes	LED Modul / CRI 80 / 3000 K
EPREL sources de lumière	891015
Durée de vie	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
Puissance du système	11.0 W
Flux lumineux des luminaires	max. 1070 lm
Rendement du système	97.27 lm/W
Rendement du module	116.61 lm/W
UGR classe	≤22
Angle de rayonnement	75°
Tension d'alimentation	220 - 240 V / 50 - 60 Hz
Classe de protection	III
Type de protection	IP20

Dimensions / Poids

Diamètre extérieur	224 mm
Hauteur	113 mm
Découpe (Ø)	195 mm
Épaisseur plafond	10.0 - 35.0 mm
Profondeur d'encastrement	110 mm
Poids net	0.95 kg
Poids brut	1.00 kg

CDL 30.1130.02

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

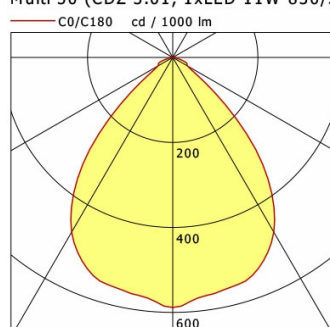
cd / 1000 lm

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

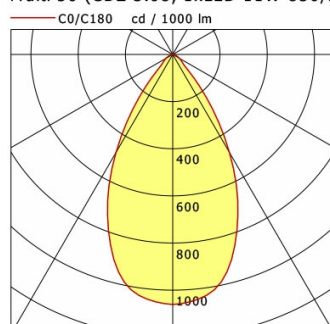
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	5.37	60.2
6.0	10.74	15.0
9.0	16.10	6.7
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

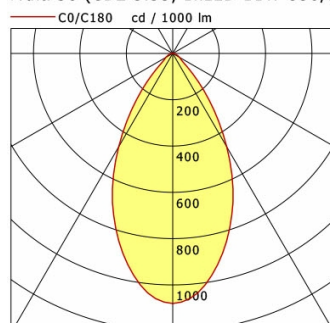
cd / 1000 lm

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

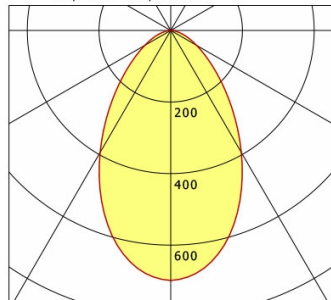
η	LED
Efficiency	95 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	18.2
UGR C90/C270	18.2
CIE Flux Codes	84 95 99 100 100
Ra/CRI	>80

LTS

CDL 30.1130.02

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]

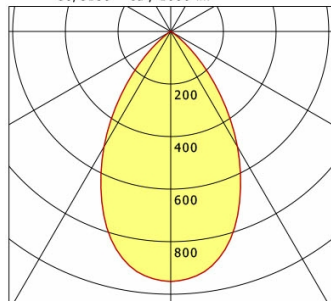
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.89	75.3
6.0	7.78	18.8
9.0	11.67	8.4
12.0	15.57	4.7
15.0	19.46	3.0

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]

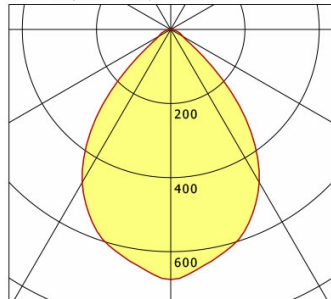
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.64	108.9
6.0	7.28	27.2
9.0	10.91	12.1
12.0	14.55	6.8
15.0	18.19	4.4

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]

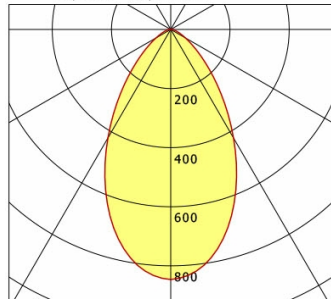
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.81	76.5
6.0	9.63	19.1
9.0	14.44	8.5
12.0	19.25	4.8
15.0	24.06	3.1

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

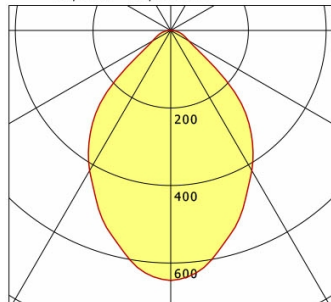
η	LED
Efficiency	94 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.1
UGR C90/C270	20.1
CIE Flux Codes	75 94 99 100 100
Ra/CRI	>80

LTS

CDL 30.1130.02

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]

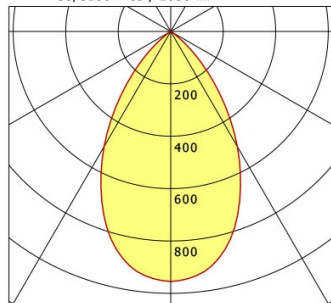
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.89	71.0
6.0	9.78	17.7
9.0	14.67	7.9
12.0	19.56	4.4
15.0	24.45	2.8

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

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]

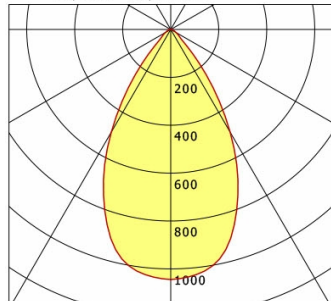
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.63	111.4
6.0	7.27	27.8
9.0	10.90	12.4
12.0	14.54	7.0
15.0	18.17	4.5

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

CDL 30.1130.02

Accessoires



CDZ 3.01
Verre semi-opaque
(intérieur)



CDZ 3.08
Anneau en verre satiné
(saillant)



CDZ 3.35
Anneau en verre décoratif opaque
(intérieur)



CDZ 3.38
Verre satiné
(intérieur)



CDZ 3.39
Verre transparent
(intérieur)



CDZ 3.60
Verre acrylique semi-opaque
(intérieur)



CDZ 3.61
Verre acrylique opaque
(intérieur)



CDZ 3.62
Verre acrylique transparent
(intérieur)



CDZ 3.63
Anneau en verre acrylique opaque
(saillant)



CDZ 3.64
Anneau en verre acrylique opaque à l'intérieur
(saillant)



NOL 50B/3H/DALI
Groupe d'urgence LED



ZVP 100
Châssis de renforcement universel
(module 625 x 625)