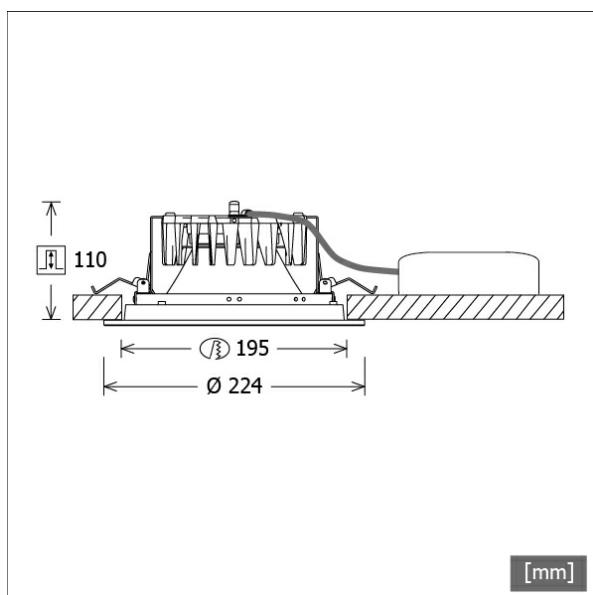


CDL 30.2040.02



Coloris	Réf. article	EAN
argent	660090	4043544689092
blanc	660091	4043544689108



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 / 4000 K
EPREL sources de lumière	891017
Durée de vie	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
Puissance du système	22.0 W
Flux lumineux des luminaires	max. 2300 lm
Rendement du système	104.54 lm/W
Rendement du module	122.35 lm/W
UGR classe	≤25
Angle de rayonnement	75°
Tension d'alimentation	220 - 240 V / 50 - 60 Hz
Classe de protection	III
Type de protection	IP20

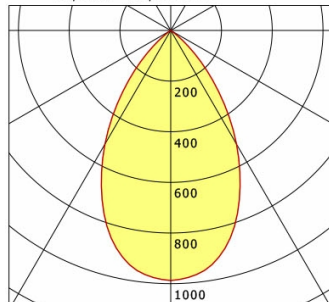
Dimensions / Poids

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 30.2040.02

Multi 30 (CDL ohne Dekor, 1xLED 22W 840/4000K 2300lm 75 °)

C0/C180 cd / 1000 lm



	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]

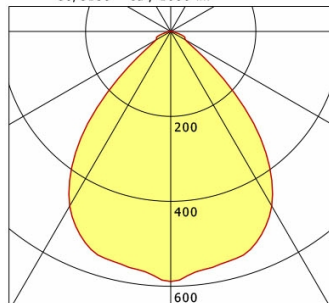
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.60	252.4
6.0	7.19	63.1
9.0	10.79	28.0
12.0	14.38	15.8
15.0	17.98	10.1

η	LED
Efficiency	105 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	89 100 100 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.01, 1xLED 22W 840/4000K 1960lm 75 °)

C0/C180 cd / 1000 lm



	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]

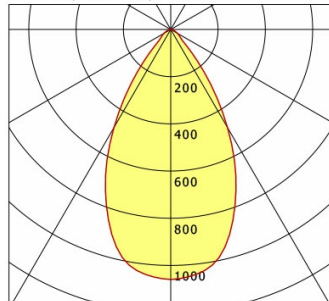
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	5.37	128.2
6.0	10.73	32.1
9.0	16.10	14.2
12.0	21.47	8.0
15.0	26.83	5.1

η	LED
Efficiency	89 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.6
UGR C90/C270	22.6
CIE Flux Codes	74 94 99 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.08, 1xLED 22W 840/4000K 2200lm 75 °)

C0/C180 cd / 1000 lm



	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]

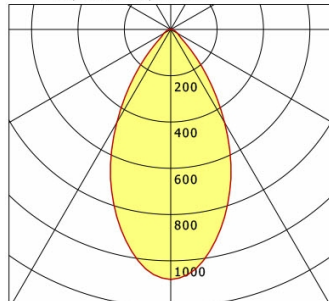
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.26	259.0
6.0	6.52	64.8
9.0	9.78	28.8
12.0	13.04	16.2
15.0	16.30	10.4

η	LED
Efficiency	100 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	19.9
UGR C90/C270	19.9
CIE Flux Codes	86 96 99 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.35, 1xLED 22W 840/4000K 2220lm 75 °)

C0/C180 cd / 1000 lm



	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]

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.11	266.6
6.0	6.22	66.7
9.0	9.33	29.6
12.0	12.44	16.7
15.0	15.55	10.7

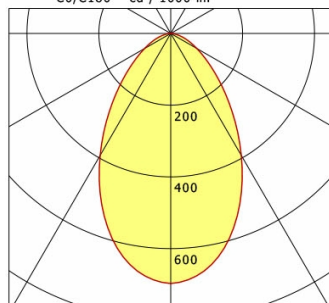
η	LED
Efficiency	101 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.9
UGR C90/C270	20.9
CIE Flux Codes	84 95 99 100 100
Ra/CRI	>80

LTS

CDL 30.2040.02

Multi 30 (CDZ 3.38, 1xLED 22W 840/4000K 2050lm 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]

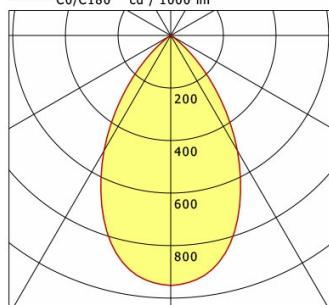
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.89	158.8
6.0	7.78	39.7
9.0	11.68	17.6
12.0	15.57	9.9
15.0	19.46	6.4

η	LED
Efficiency	93 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	24.6
UGR C90/C270	24.6
CIE Flux Codes	67 90 98 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.39, 1xLED 22W 840/4000K 2210lm 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]

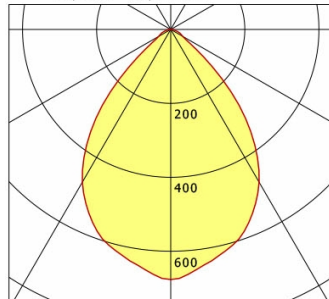
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.64	233.8
6.0	7.27	58.4
9.0	10.91	26.0
12.0	14.55	14.6
15.0	18.19	9.4

η	LED
Efficiency	101 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	19.3
UGR C90/C270	19.3
CIE Flux Codes	87 99 100 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.60, 1xLED 22W 840/4000K 2180lm 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]

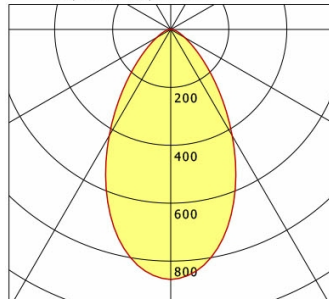
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.81	163.9
6.0	9.61	41.0
9.0	14.42	18.2
12.0	19.22	10.2
15.0	24.03	6.6

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	22.3
UGR C90/C270	22.3
CIE Flux Codes	76 95 99 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.61, 1xLED 22W 840/4000K 2190lm 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	210.1
6.0	6.82	52.5
9.0	10.23	23.3
12.0	13.65	13.1
15.0	17.06	8.4

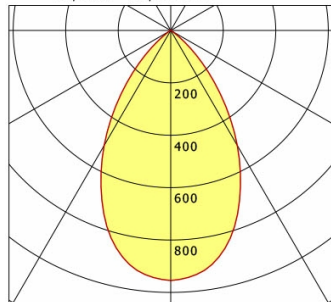
η	LED
Efficiency	100 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.9
UGR C90/C270	22.9
CIE Flux Codes	75 93 99 100 100
Ra/CRI	>80

LTS

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Multi 30 (CDZ 3.62, 1xLED 22W 840/4000K 2230lm 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]

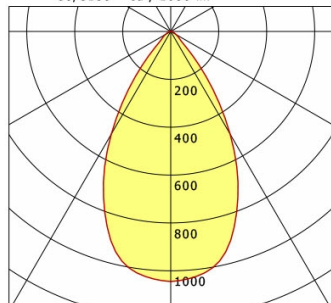
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.63	236.5
6.0	7.26	59.1
9.0	10.90	26.3
12.0	14.53	14.8
15.0	18.16	9.5

η	LED
Efficiency	101 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	19.3
UGR C90/C270	19.3
CIE Flux Codes	87 99 100 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.63, 1xLED 22W 840/4000K 2220lm 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]

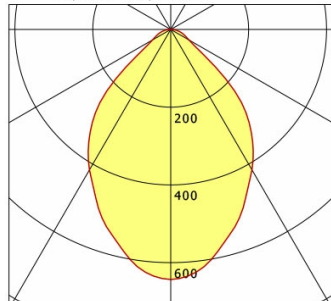
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.35	257.7
6.0	6.70	64.4
9.0	10.06	28.6
12.0	13.41	16.1
15.0	16.76	10.3

η	LED
Efficiency	101 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	19.4
UGR C90/C270	19.4
CIE Flux Codes	88 97 99 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.64, 1xLED 22W 840/4000K 2120lm 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	151.6
6.0	9.81	37.9
9.0	14.71	16.8
12.0	19.62	9.5
15.0	24.52	6.1

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	24.1
UGR C90/C270	24.1
CIE Flux Codes	69 92 98 100 100
Ra/CRI	>80

LTS

CDL 30.2040.02

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)