

CDL 30.3040.02



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)

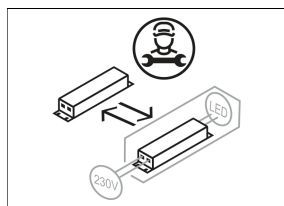
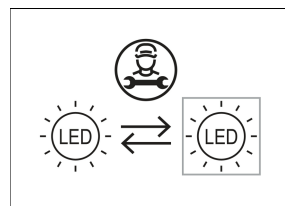
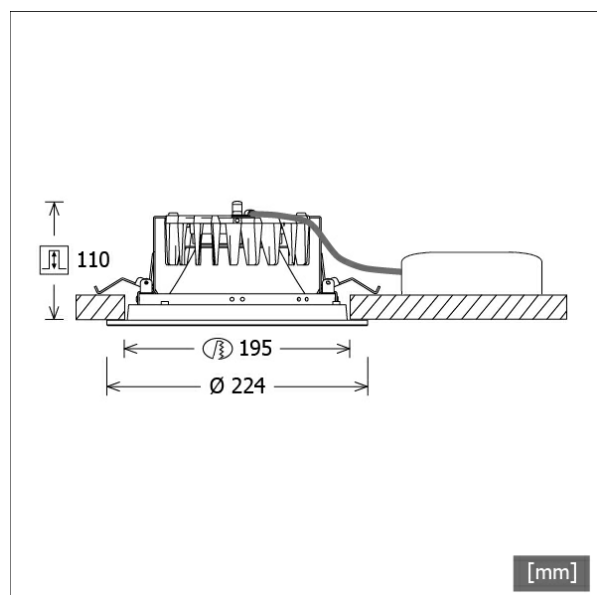
Options standard



Options spéciales



Coloris	Réf. article	EAN
argent	660098	4043544689177
blanc	660099	4043544689184



Données d'éclairage / Normes

Lampes	LED Modul / CRI 80 / 4000 K
EPREL sources de lumière	891020
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Durée de vie	
Puissance du système	28.0 W
Flux lumineux des luminaires	max. 3140 lm
Rendement du système	112.14 lm/W
Rendement du module	123.23 lm/W
UGR classe	≤28
Angle de rayonnement	75°
Tension d'alimentation	220 - 240 V / 50 - 60 Hz
Classe de protection	III
Type de protection	IP20

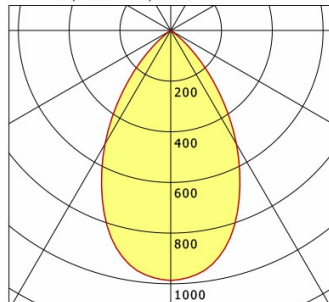
Dimensions / Poids

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	0.97 kg
Poids brut	1.02 kg

CDL 30.3040.02

Multi 30 (CDL ohne Dekor, 1xLED 28W 840/4000K 3140lm 75 °)

C0/C180 cd / 1000 lm



	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

cd / 1000 lm

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

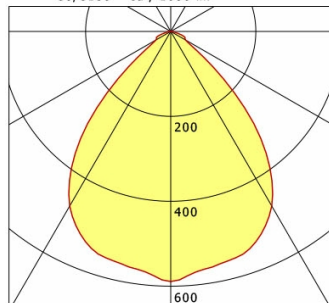
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.59	344.4
6.0	7.19	86.1
9.0	10.78	38.3
12.0	14.37	21.5
15.0	17.97	13.8

η	LED
Efficiency	112 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	89 100 100 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.01, 1xLED 28W 840/4000K 2680lm 75 °)

C0/C180 cd / 1000 lm



	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

cd / 1000 lm

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

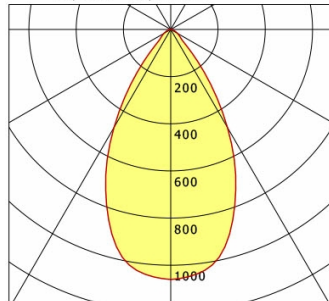
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	5.37	175.4
6.0	10.74	43.8
9.0	16.11	19.5
12.0	21.49	11.0
15.0	26.86	7.0

η	LED
Efficiency	96 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	73 94 99 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.08, 1xLED 28W 840/4000K 3010lm 75 °)

C0/C180 cd / 1000 lm



	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

cd / 1000 lm

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

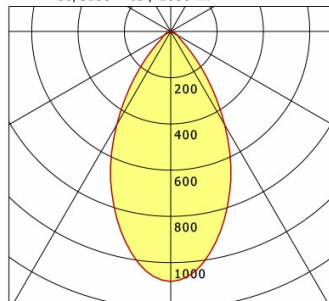
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.26	354.7
6.0	6.52	88.7
9.0	9.77	39.4
12.0	13.03	22.2
15.0	16.29	14.2

η	LED
Efficiency	108 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	21.0
UGR C90/C270	21.0
CIE Flux Codes	86 96 99 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.35, 1xLED 28W 840/4000K 3040lm 75 °)

C0/C180 cd / 1000 lm



	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

cd / 1000 lm

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

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.11	365.4
6.0	6.22	91.4
9.0	9.33	40.6
12.0	12.44	22.8
15.0	15.55	14.6

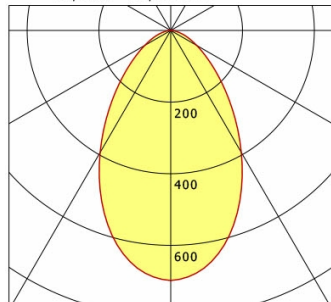
η	LED
Efficiency	109 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	21.9
UGR C90/C270	21.9
CIE Flux Codes	84 95 99 100 100
Ra/CRI	>80

LTS

CDL 30.3040.02

Multi 30 (CDZ 3.38, 1xLED 28W 840/4000K 2790lm 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]

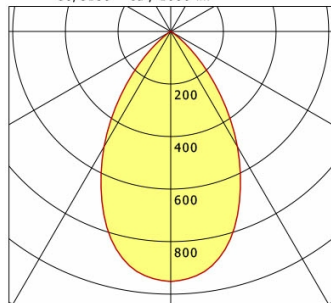
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.89	216.4
6.0	7.79	54.1
9.0	11.68	24.0
12.0	15.57	13.5
15.0	19.46	8.7

η	LED
Efficiency	100 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	25.7
UGR C90/C270	25.7
CIE Flux Codes	67 90 98 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.39, 1xLED 28W 840/4000K 3010lm 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]

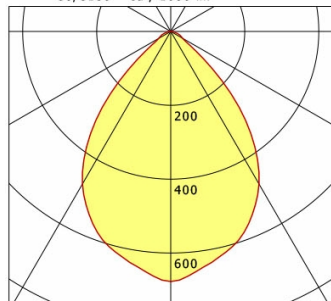
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.64	318.4
6.0	7.28	79.6
9.0	10.91	35.4
12.0	14.55	19.9
15.0	18.19	12.7

η	LED
Efficiency	108 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.4
UGR C90/C270	20.4
CIE Flux Codes	87 99 100 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.60, 1xLED 28W 840/4000K 2980lm 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]

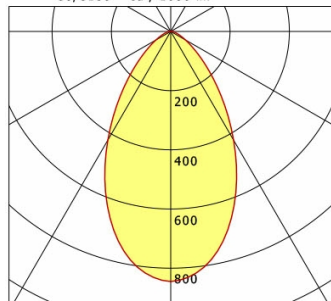
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.81	224.2
6.0	9.62	56.1
9.0	14.44	24.9
12.0	19.25	14.0
15.0	24.06	9.0

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	23.4
UGR C90/C270	23.4
CIE Flux Codes	76 95 99 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.61, 1xLED 28W 840/4000K 3010lm 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	282.6
6.0	6.95	70.7
9.0	10.42	31.4
12.0	13.89	17.7
15.0	17.37	11.3

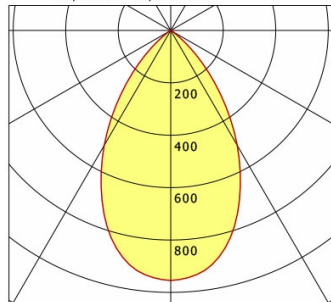
η	LED
Efficiency	108 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	23.9
UGR C90/C270	23.9
CIE Flux Codes	75 94 99 100 100
Ra/CRI	>80

LTS

CDL 30.3040.02

Multi 30 (CDZ 3.62, 1xLED 28W 840/4000K 3070lm 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]

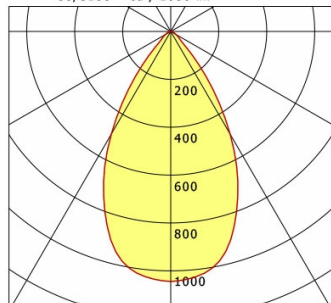
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.63	325.6
6.0	7.26	81.4
9.0	10.89	36.2
12.0	14.52	20.4
15.0	18.15	13.0

η	LED
Efficiency	110 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.4
UGR C90/C270	20.4
CIE Flux Codes	87 99 100 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.63, 1xLED 28W 840/4000K 3040lm 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]

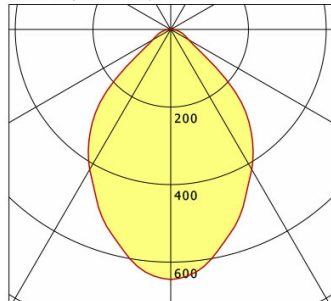
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.35	352.8
6.0	6.70	88.2
9.0	10.06	39.2
12.0	13.41	22.1
15.0	16.76	14.1

η	LED
Efficiency	109 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.5
UGR C90/C270	20.5
CIE Flux Codes	88 97 99 100 100
Ra/CRI	>80

LTS

Multi 30 (CDZ 3.64, 1xLED 28W 840/4000K 2870lm 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	205.6
6.0	9.81	51.4
9.0	14.71	22.8
12.0	19.61	12.9
15.0	24.51	8.2

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	25.1
UGR C90/C270	25.1
CIE Flux Codes	69 92 98 100 100
Ra/CRI	>80

LTS

CDL 30.3040.02

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)