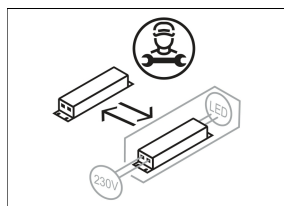
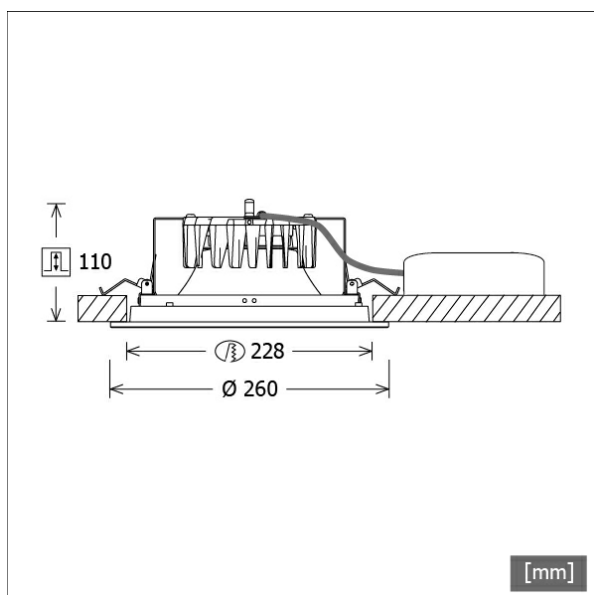


CDL 40.3030.02



Coloris	Réf. article	EAN
argent	660142	4043544689610
blanc	660143	4043544689627



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	891018
	L90 B50 50.000 h
Durée de vie	L80 B50 100.000 h
	L80 B20 50.000 h
Puissance du système	28.0 W
Flux lumineux des luminaires	max. 2990 lm
Rendement du système	101.78 lm/W
Rendement du module	119.10 lm/W
UGR classe	≤28
Angle de rayonnement	73°
Tension d'alimentation	220 - 240 V / 50 - 60 Hz
Classe de protection	III
Type de protection	IP20

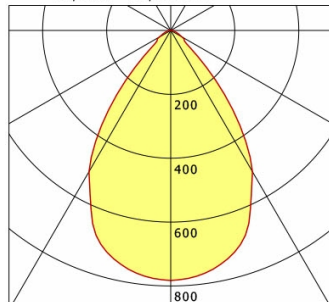
Dimensions / Poids

Diamètre extérieur	260 mm
Hauteur	114 mm
Découpe (Ø)	228 mm
Épaisseur plafond	10.0 - 35.0 mm
Profondeur d'encastrement	110 mm
Poids net	1.00 kg
Poids brut	1.16 kg

CDL 40.3030.02

Multi 40 (CDZ 4.08, 1xLED 28W 830/3000K 2850lm 73 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	783	783	783	783
15°	730	730	730	730
30°	511	511	511	511
45°	139	139	139	139
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]

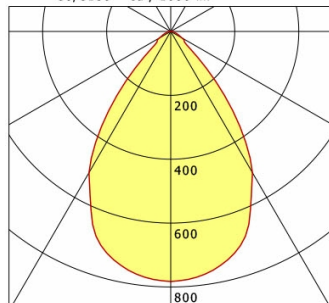
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.22	247.9
6.0	8.43	62.0
9.0	12.65	27.5
12.0	16.87	15.5
15.0	21.09	9.9

η	LED
Efficiency	102 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.9
UGR C90/C270	20.9
CIE Flux Codes	82 95 99 100 100
Ra/CRI	>80

LTS

Multi 40 (CDZ 4.63, 1xLED 28W 830/3000K 2850lm 73 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	783	783	783	783
15°	730	730	730	730
30°	511	511	511	511
45°	139	139	139	139
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]

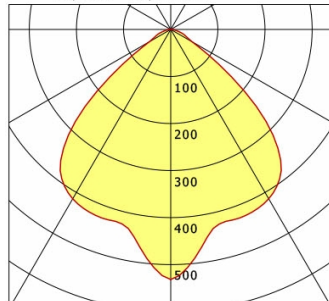
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.22	247.9
6.0	8.43	62.0
9.0	12.65	27.5
12.0	16.87	15.5
15.0	21.09	9.9

η	LED
Efficiency	102 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.9
UGR C90/C270	20.9
CIE Flux Codes	82 95 99 100 100
Ra/CRI	>80

LTS

Multi 40 (CDZ 4.60, 1xLED 28W 830/3000K 2860lm 73 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	532	532	532	532
15°	425	425	425	425
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]

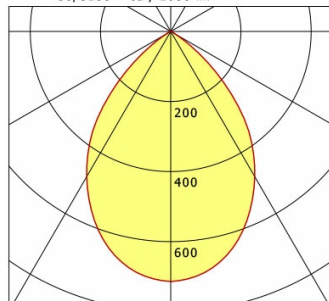
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	6.39	169.0
6.0	12.78	42.2
9.0	19.17	18.8
12.0	25.55	10.6
15.0	31.94	6.8

η	LED
Efficiency	102 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	23.8
UGR C90/C270	23.8
CIE Flux Codes	65 94 99 100 100
Ra/CRI	>80

LTS

Multi 40 (CDZ 4.39, 1xLED 28W 830/3000K 2900lm 73 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	714	714	714	714
15°	651	651	651	651
30°	479	479	479	479
45°	229	229	229	229
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	4.72	230.0
6.0	9.45	57.5
9.0	14.17	25.6
12.0	18.89	14.4
15.0	23.62	9.2

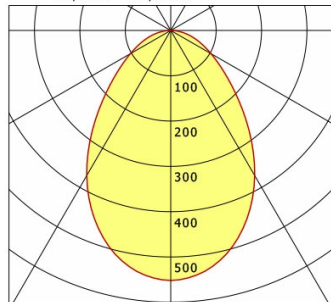
η	LED
Efficiency	104 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	21.0
UGR C90/C270	21.0
CIE Flux Codes	78 99 100 100 100
Ra/CRI	>80

LTS

CDL 40.3030.02

Multi 40 (CDZ 4.61, 1xLED 28W 830/3000K 2720lm 73 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	552	552	552	552
15°	502	502	502	502
30°	370	370	370	370
45°	207	207	207	207
60°	103	103	103	103
75°	44	44	44	44
90°	1	1	1	1
cd / 1000 lm				

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

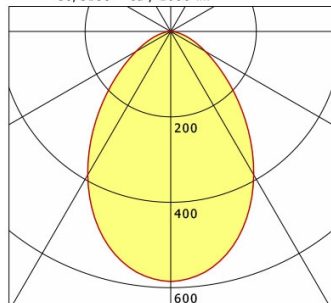
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.76	166.8
6.0	9.51	41.7
9.0	14.27	18.5
12.0	19.03	10.4
15.0	23.78	6.7

η	LED
Efficiency	97 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	26.3
UGR C90/C270	26.3
CIE Flux Codes	61 86 97 100 100
Ra/CRI	>80

LTS

Multi 40 (CDZ 4.38, 1xLED 28W 830/3000K 2680lm 73 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	586	586	586	586
15°	531	531	531	531
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]

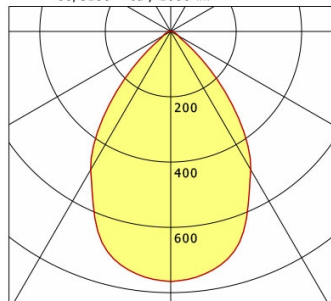
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.71	174.4
6.0	9.43	43.6
9.0	14.14	19.4
12.0	18.86	10.9
15.0	23.57	7.0

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	24.8
UGR C90/C270	24.8
CIE Flux Codes	64 89 98 100 100
Ra/CRI	>80

LTS

Multi 40 (CDZ 4.35, 1xLED 28W 830/3000K 2930lm 73 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	766	766	766	766
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]

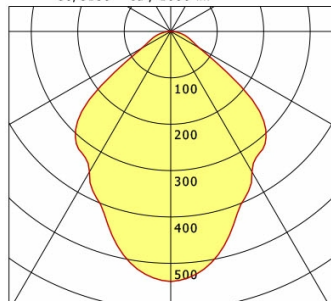
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.34	249.3
6.0	8.68	62.3
9.0	13.01	27.7
12.0	17.35	15.6
15.0	21.69	10.0

η	LED
Efficiency	105 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.9
UGR C90/C270	20.9
CIE Flux Codes	81 96 99 100 100
Ra/CRI	>80

LTS

Multi 40 (CDZ 4.64, 1xLED 28W 830/3000K 2730lm 73 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	539	539	539	539
15°	467	467	467	467
30°	350	350	350	350
45°	287	287	287	287
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]

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	6.40	163.6
6.0	12.80	40.9
9.0	19.20	18.2
12.0	25.60	10.2
15.0	32.01	6.5

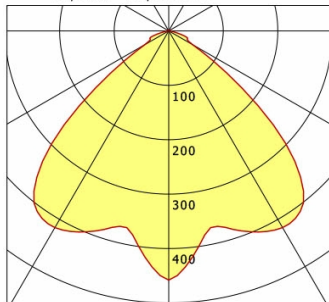
η	LED
Efficiency	98 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	25.0
UGR C90/C270	25.0
CIE Flux Codes	60 90 98 100 100
Ra/CRI	>80

LTS

CDL 40.3030.02

Multi 40 (CDZ 4.01, 1xLED 28W 830/3000K 2430lm 73 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	458	458	458	458
15°	372	372	372	372
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]

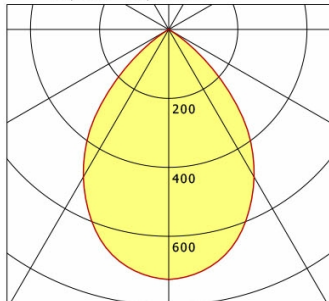
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	6.98	123.6
6.0	13.96	30.9
9.0	20.93	13.7
12.0	27.91	7.7
15.0	34.89	4.9

η	LED
Efficiency	87 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	23.6
UGR C90/C270	23.6
CIE Flux Codes	63 94 99 100 100
Ra/CRI	>80

LTS

Multi 40 (CDL ohne Dekor, 1xLED 28W 830/3000K 2990lm 73 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	725	725	725	725
15°	667	667	667	667
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]

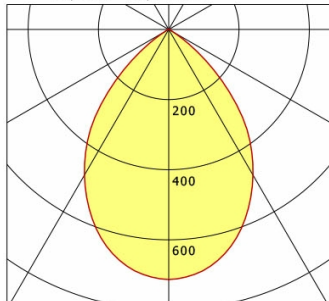
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.76	241.0
6.0	9.52	60.2
9.0	14.28	26.8
12.0	19.04	15.1
15.0	23.80	9.6

η	LED
Efficiency	107 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.9
UGR C90/C270	20.9
CIE Flux Codes	80 100 100 100 100
Ra/CRI	>80

LTS

Multi 40 (CDZ 4.62, 1xLED 28W 830/3000K 2930lm 73 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	713	713	713	713
15°	651	651	651	651
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	4.73	232.2
6.0	9.47	58.0
9.0	14.20	25.8
12.0	18.94	14.5
15.0	23.67	9.3

η	LED
Efficiency	105 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	78 99 100 100 100
Ra/CRI	>80

LTS

CDL 40.3030.02

Accessoires



CDZ 4.01
Verre semi-opaque
(intérieur)



CDZ 4.08
Anneau en verre satiné
(saillant)



CDZ 4.35
Anneau en verre décoratif opaque
(intérieur)



CDZ 4.38
Verre satiné
(intérieur)



CDZ 4.39
Verre transparent
(intérieur)



CDZ 4.60
Verre acrylique semi-opaque
(intérieur)



CDZ 4.61
Verre acrylique opaque
(intérieur)



CDZ 4.62
Verre acrylique transparent
(intérieur)



CDZ 4.63
Anneau en verre acrylique opaque
(saillant)



CDZ 4.64
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)