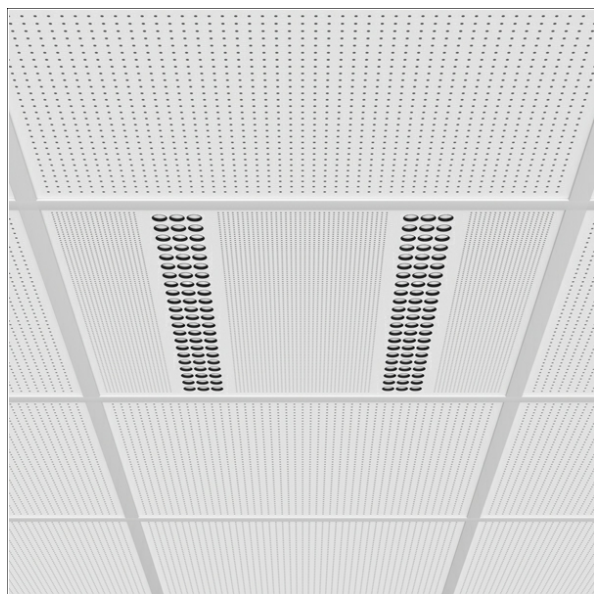
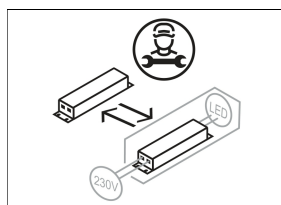
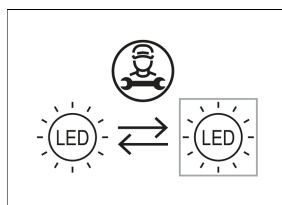
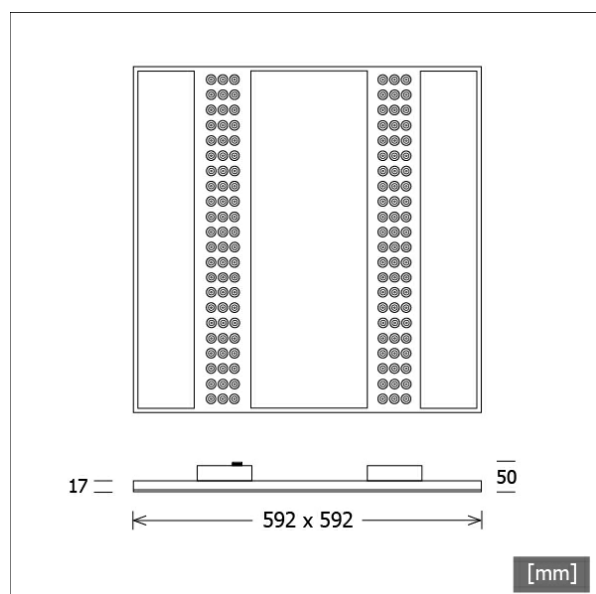


OPT-R 102.0600.TWL/DALI



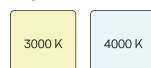
Coloris	Réf. article	EAN
blanc	661188	4043544700421



Description

- lampe à encastrement pour systèmes de faux plafonds avec module visible et profil en T (600 x 600)
- effet lumineux homogène
- surface insonorisée (coefficient d'absorption acoustique = 0,5)
- technologie innovante du tube pour un éclairage anti-éblouissement
- diffuseurs directs avancés avec faisceau lumineux standard de 60°
- absence de radiations thermiques et UV
- très simple à entretenir
- groupe optique en aluminium effet micropoint
- Contrôle de la température de couleur variable Tunable White (plage de blanc : 2700 - 6500 K)
- insertion dans le plafond sans outils
- préassemblé pour le branchement sur le réseau
- ballast (convertisseur LED) inclus (avec gradation DALI)

Options standard



Options spéciales



Données d'éclairage / Normes

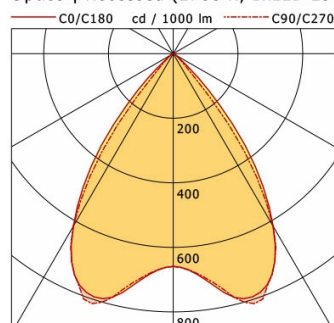
Lampes	LED Matrix TWL / CRI 80 / 2700 K
Durée de vie	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
Puissance du système	29.2 W
Flux lumineux des luminaires	max. 2360 lm
Rendement du système	74.65 lm/W
Rendement du module	140.79 lm/W
UGR classe	≤16
Tension d'alimentation	220 - 240 V / 50 - 60 Hz
Classe de protection	I
Type de protection	IP20

Dimensions / Poids

Longueur	592 mm
Largeur	592 mm
Hauteur	50 mm
Profondeur d'encastrement	150 mm
Poids net	5.05 kg
Poids brut	5.32 kg

OPT-R 102.0600.TWL/DALI

Optico | Recessed (2700 K, 1xLED 29W TWL 2180lm)



	C0	C90	C180	C270
0°	659	659	659	659
15°	785	791	785	791
30°	616	619	616	619
45°	131	51	131	51
60°	8	10	8	10
75°	1	0	1	0
90°	0	0	0	0

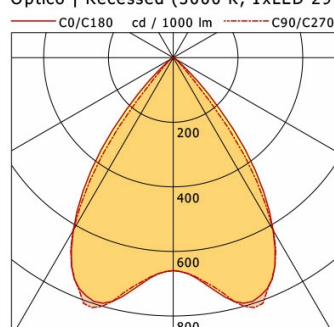
cd / 1000 lm

Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	4.44	4.22	159.7
6.0	8.88	8.45	39.9
9.0	13.32	12.67	17.7
12.0	17.76	16.89	10.0
15.0	22.19	21.11	6.4

η	LED
Efficiency	75 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	29 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	10.8
UGR C90/C270	<10.0
CIE Flux Codes	92 100 100 100 100
Ra/CRI	>90

LTS

Optico | Recessed (3000 K, 1xLED 29W TWL 2230lm)



	C0	C90	C180	C270
0°	659	659	659	659
15°	786	791	786	791
30°	617	621	617	621
45°	131	50	131	50
60°	8	10	8	10
75°	1	0	1	0
90°	0	0	0	0

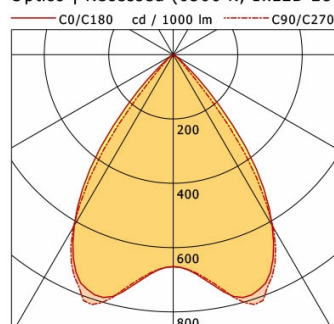
cd / 1000 lm

Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	4.44	4.22	163.4
6.0	8.88	8.45	40.8
9.0	13.32	12.67	18.2
12.0	17.76	16.90	10.2
15.0	22.20	21.12	6.5

η	LED
Efficiency	77 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	29 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	10.9
UGR C90/C270	<10.0
CIE Flux Codes	92 100 100 100 100
Ra/CRI	>90

LTS

Optico | Recessed (6500 K, 1xLED 28W TWL 2360lm)



	C0	C90	C180	C270
0°	659	659	659	659
15°	782	791	782	791
30°	614	622	614	622
45°	132	50	132	50
60°	8	10	8	10
75°	0	0	0	0
90°	0	0	0	0

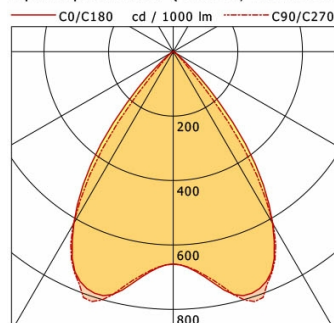
cd / 1000 lm

Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	4.48	4.23	172.9
6.0	8.95	8.47	43.2
9.0	13.43	12.70	19.2
12.0	17.90	16.94	10.8
15.0	22.38	21.17	6.9

η	LED
Efficiency	84 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	11.2
UGR C90/C270	<10.0
CIE Flux Codes	92 100 100 100 100
Ra/CRI	>90

LTS

Optico | Recessed (4000 K, 1xLED 29W TWL 2280lm)



	C0	C90	C180	C270
0°	659	659	659	659
15°	784	791	784	791
30°	615	620	615	620
45°	131	50	131	50
60°	8	10	8	10
75°	1	0	1	0
90°	0	0	0	0

cd / 1000 lm

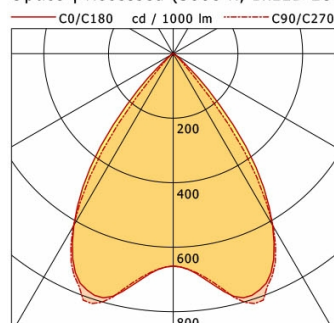
Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	4.46	4.23	167.0
6.0	8.91	8.46	41.7
9.0	13.37	12.69	18.6
12.0	17.83	16.91	10.4
15.0	22.28	21.14	6.7

η	LED
Efficiency	79 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	29 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	11.0
UGR C90/C270	<10.0
CIE Flux Codes	92 99 100 100 100
Ra/CRI	>90

LTS

OPT-R 102.0600.TWL/DALI

Optico | Recessed (5000 K, 1xLED 28W TWL 2300lm)



	C0	C90	C180	C270
0°	658	658	658	658
15°	783	792	783	792
30°	615	620	615	620
45°	131	50	131	50
60°	8	10	8	10
75°	1	0	1	0
90°	0	0	0	0

cd / 1000 lm

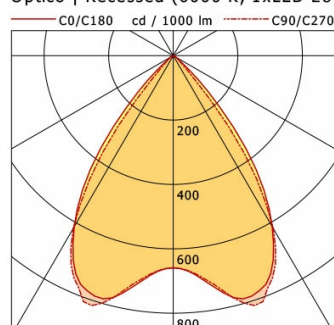
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.47 4.23	168.2
6.0	8.94 8.46	42.1
9.0	13.41 12.69	18.7
12.0	17.88 16.92	10.5
15.0	22.34 21.14	6.7

Legend: C0-C180 Plane (yellow), C90-C270 Plane (orange).

η	LED
Efficiency	82 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	11.1
UGR C90/C270	<10.0
CIE Flux Codes	92 100 100 100 100
Ra/CRI	>90

LTS

Optico | Recessed (6000 K, 1xLED 28W TWL 2350lm)



	C0	C90	C180	C270
0°	659	659	659	659
15°	782	789	782	789
30°	613	620	613	620
45°	132	50	132	50
60°	8	10	8	10
75°	0	0	0	0
90°	0	0	0	0

cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.47 4.23	172.0
6.0	8.95 8.47	43.0
9.0	13.42 12.70	19.1
12.0	17.90 16.93	10.8
15.0	22.37 21.16	6.9

Legend: C0-C180 Plane (yellow), C90-C270 Plane (orange).

η	LED
Efficiency	84 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	11.2
UGR C90/C270	<10.0
CIE Flux Codes	92 100 100 100 100
Ra/CRI	>90

LTS