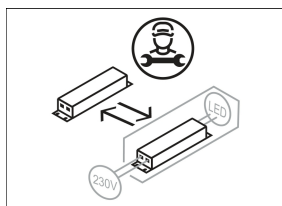
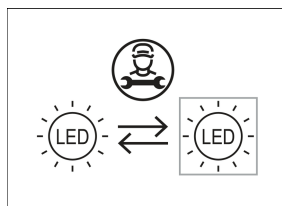


DAL-S-LK 100.840.20/DALI



Coloris	Réf. article	EAN
argent	661030	4043544698476



Description

- tête d'éclairage pivotant sur 355° et orientable sur 30° grâce à une vis de réglage
- optiques individuelles avec cadre de montage standard ou sans bord et différents réflecteurs frontaux
- très simple à entretenir
- absence de radiations thermiques et UV
- gestion thermique avec refroidissement passif
- tête d'éclairage et dissipateur de chaleur moulés sous pression
- principal réflecteur en plastique
- anneau antireflet noir en polycarbonate pour le logement de grilles de défilement en nid d'abeille
- disque diffuseur en verre
- la tête d'éclairage s'emboîte dans la collerette sans outils
- branchement au ballast par câble de l'appareil avec connecteur Mini-Clamp
- ballast (convertisseur LED DALI, gradable) inclus (positionnement extérieur)

Options standard

3000 K

Options spéciales

SCHWARZ

2700 K

CRI 90
SDCM3

Données d'éclairage / Normes

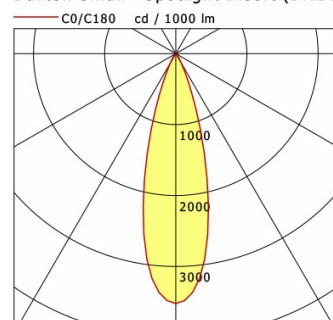
Lampes	LED Spot / CRI 80 / 4000 K
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Durée de vie	
Puissance du système	15.0 W
Flux lumineux des luminaires	max. 1200 lm
Rendement du système	72.66 lm/W
Rendement du module	160.65 lm/W
UGR classe	≤16
Angle de rayonnement	20°
Tension d'alimentation	220 - 240 V / 50 - 60 Hz
Classe de protection	III
Type de protection	IP20

Dimensions / Poids

Diamètre extérieur	82 mm
Hauteur	103 mm
Profondeur d'encastrement	135 mm
Diamètre de la tête lumineuse	82 mm
Poids net	0.67 kg
Poids brut	0.71 kg

DAL-S-LK 100.840.20/DALI

Dallton Small - Spotlight Insert (DAL-S-RTQ 11_CH, 1xLED 15W 840/4000K 1090lm 20 °)



	C0	C90	C180	C270
0°	3523	3523	3523	3523
15°	1631	1631	1631	1631
30°	155	155	155	155
45°	30	30	30	30
60°	6	6	6	6
75°	0	0	0	0
90°	0	0	0	0

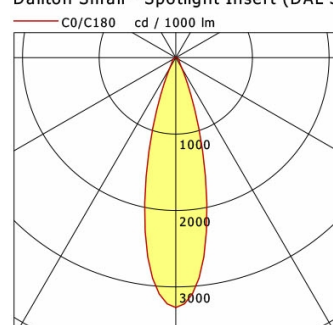
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.53	426.7
6.0	3.06	106.7
9.0	4.59	47.4
12.0	6.13	26.7
15.0	7.66	17.1

η	LED
Efficiency	73 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	<10.0
UGR C90/C270	<10.0
CIE Flux Codes	97 100 100 100 100
Ra/CRI	>80

LTS

Dallton Small - Spotlight Insert (DAL-S-RTQ 11_WS-MATT, 1xLED 15W 840/4000K 1070lm 20 °)



	C0	C90	C180	C270
0°	3270	3270	3270	3270
15°	1430	1430	1430	1430
30°	156	156	156	156
45°	64	64	64	64
60°	36	36	36	36
75°	5	5	5	5
90°	0	0	0	0

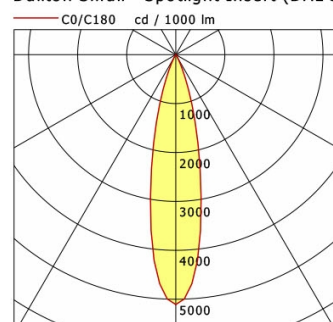
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.48	388.8
6.0	2.95	97.2
9.0	4.43	43.2
12.0	5.90	24.3
15.0	7.38	15.6

η	LED
Efficiency	71 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	16.9
UGR C90/C270	16.9
CIE Flux Codes	89 97 100 100 100
Ra/CRI	>80

LTS

Dallton Small - Spotlight Insert (DAL-S-RFR 21, 1xLED 15W 840/4000K 1160lm 20 °)



	C0	C90	C180	C270
0°	5108	5108	5108	5108
15°	1640	1640	1640	1640
30°	76	76	76	76
45°	10	10	10	10
60°	1	1	1	1
75°	1	1	1	1
90°	0	0	0	0

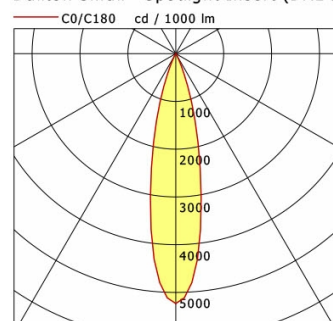
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.21	658.4
6.0	2.43	164.6
9.0	3.64	73.2
12.0	4.86	41.1
15.0	6.07	26.3

η	LED
Efficiency	78 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	<10.0
UGR C90/C270	<10.0
CIE Flux Codes	99 100 100 100 100
Ra/CRI	>80

LTS

Dallton Small - Spotlight Insert (DAL-S-RFQ 11, 1xLED 15W 840/4000K 1100lm 20 °)



	C0	C90	C180	C270
0°	5232	5232	5232	5232
15°	1683	1683	1683	1683
30°	55	55	55	55
45°	11	11	11	11
60°	3	3	3	3
75°	1	1	1	1
90°	0	0	0	0

cd / 1000 lm

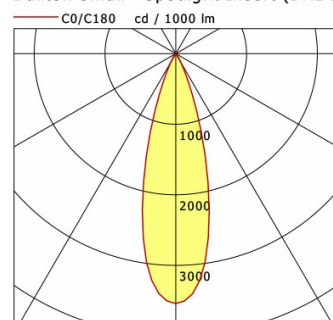
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.22	639.5
6.0	2.43	159.9
9.0	3.65	71.1
12.0	4.87	40.0
15.0	6.08	25.6

η	LED
Efficiency	74 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	<10.0
UGR C90/C270	<10.0
CIE Flux Codes	99 100 100 100 100
Ra/CRI	>80

LTS

DAL-S-LK 100.840.20/DALI

Dallton Small - Spotlight Insert (DAL-S-RTQ 11_CH-SW, 1xLED 15W 840/4000K 1050lm 20 °)



	C0	C90	C180	C270
0°	3541	3541	3541	3541
15°	1694	1694	1694	1694
30°	139	139	139	139
45°	22	22	22	22
60°	3	3	3	3
75°	0	0	0	0
90°	0	0	0	0

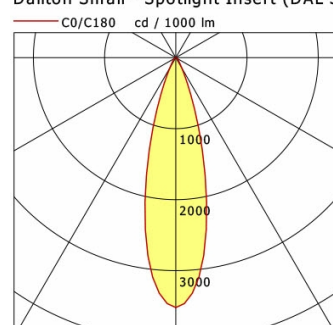
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.56	413.1
6.0	3.13	103.3
9.0	4.69	45.9
12.0	6.25	25.8
15.0	7.82	16.5

η	LED
Efficiency	70 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	<10.0
UGR C90/C270	<10.0
CIE Flux Codes	98 100 100 100 100
Ra/CRI	>80

LTS

Dallton Small - Spotlight Insert (DAL-S-RTQ 11_SI-MATT, 1xLED 15W 840/4000K 1060lm 20 °)



	C0	C90	C180	C270
0°	3520	3520	3520	3520
15°	1522	1522	1522	1522
30°	167	167	167	167
45°	48	48	48	48
60°	14	14	14	14
75°	1	1	1	1
90°	0	0	0	0

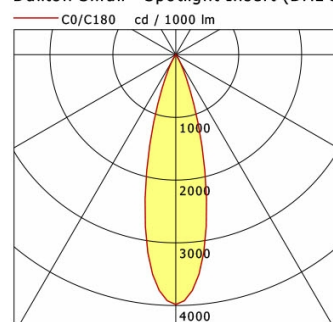
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.47	414.5
6.0	2.93	103.6
9.0	4.40	46.1
12.0	5.86	25.9
15.0	7.33	16.6

η	LED
Efficiency	71 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	12.1
UGR C90/C270	12.1
CIE Flux Codes	94 99 100 100 100
Ra/CRI	>80

LTS

Dallton Small - Spotlight Insert (DAL-S-RTQ 11_SW-MATT, 1xLED 15W 840/4000K 840lm 20 °)



	C0	C90	C180	C270
0°	3984	3984	3984	3984
15°	1703	1703	1703	1703
30°	129	129	129	129
45°	11	11	11	11
60°	0	0	0	0
75°	0	0	0	0
90°	0	0	0	0

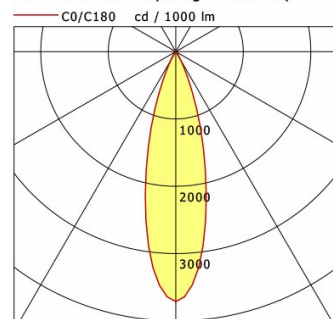
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.46	371.9
6.0	2.92	93.0
9.0	4.37	41.3
12.0	5.83	23.2
15.0	7.29	14.9

η	LED
Efficiency	56 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	<10.0
UGR C90/C270	<10.0
CIE Flux Codes	99 100 100 100 100
Ra/CRI	>80

LTS

Dallton Small - Spotlight Insert (DAL-S-RTR 21_CH-SW, 1xLED 15W 840/4000K 1140lm 20 °)



	C0	C90	C180	C270
0°	3713	3713	3713	3713
15°	1640	1640	1640	1640
30°	149	149	149	149
45°	22	22	22	22
60°	0	0	0	0
75°	0	0	0	0
90°	0	0	0	0

cd / 1000 lm

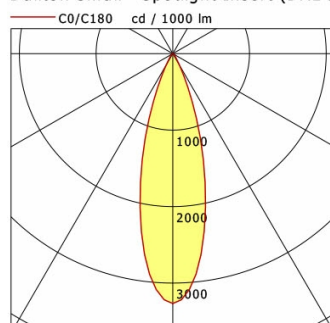
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.47	470.3
6.0	2.94	117.6
9.0	4.41	52.3
12.0	5.88	29.4
15.0	7.35	18.8

η	LED
Efficiency	76 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	<10.0
UGR C90/C270	<10.0
CIE Flux Codes	98 100 100 100 100
Ra/CRI	>80

LTS

DAL-S-LK 100.840.20/DALI

Dallton Small - Spotlight Insert (DAL-S-RTR 21_SI-MATT, 1xLED 15W 840/4000K 1150lm 20 °)



	C0	C90	C180	C270
0°	3268	3268	3268	3268
15°	1593	1593	1593	1593
30°	171	171	171	171
45°	37	37	37	37
60°	6	6	6	6
75°	0	0	0	0
90°	0	0	0	0

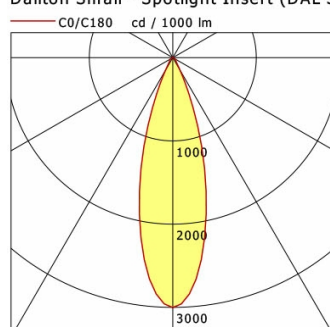
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.58	417.5
6.0	3.16	104.4
9.0	4.73	46.4
12.0	6.31	26.1
15.0	7.89	16.7

η	LED
Efficiency	77 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	11.2
UGR C90/C270	11.2
CIE Flux Codes	96 100 100 100 100
Ra/CRI	>80

LTS

Dallton Small - Spotlight Insert (DAL-S-RTR 21_WS-MATT, 1xLED 15W 840/4000K 1200lm 20 °)



	C0	C90	C180	C270
0°	3002	3002	3002	3002
15°	1513	1513	1513	1513
30°	171	171	171	171
45°	51	51	51	51
60°	23	23	23	23
75°	4	4	4	4
90°	0	0	0	0

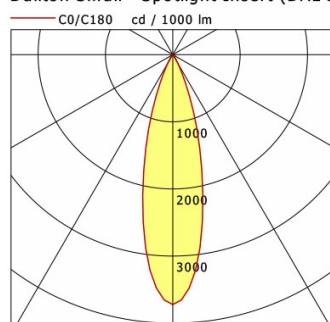
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.62	400.2
6.0	3.24	100.1
9.0	4.85	44.5
12.0	6.47	25.0
15.0	8.09	16.0

η	LED
Efficiency	80 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	16.3
UGR C90/C270	16.3
CIE Flux Codes	92 98 100 100 100
Ra/CRI	>80

LTS

Dallton Small - Spotlight Insert (DAL-S-RTR 21_CH, 1xLED 15W 840/4000K 1180lm 20 °)



	C0	C90	C180	C270
0°	3722	3722	3722	3722
15°	1616	1616	1616	1616
30°	152	152	152	152
45°	26	26	26	26
60°	0	0	0	0
75°	0	0	0	0
90°	0	0	0	0

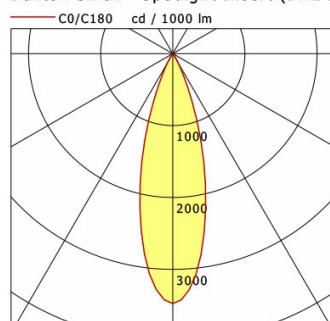
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.45	488.0
6.0	2.90	122.0
9.0	4.36	54.2
12.0	5.81	30.5
15.0	7.26	19.5

η	LED
Efficiency	79 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	<10.0
UGR C90/C270	<10.0
CIE Flux Codes	98 100 100 100 100
Ra/CRI	>80

LTS

Dallton Small - Spotlight Insert (DAL-S-RTR 21_SW-MATT, 1xLED 15W 840/4000K 1010lm 20 °)



	C0	C90	C180	C270
0°	3475	3475	3475	3475
15°	1714	1714	1714	1714
30°	149	149	149	149
45°	12	12	12	12
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	1.59	390.0
6.0	3.18	97.5
9.0	4.77	43.3
12.0	6.37	24.4
15.0	7.96	15.6

η	LED
Efficiency	67 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	<10.0
UGR C90/C270	<10.0
CIE Flux Codes	99 100 100 100 100
Ra/CRI	>80

LTS

Spots à encastrement · Dallton Small System



DAL-S-LK 100.840.20/DALI

Accessoires



DAL-S-ZBW 11.21
Grille de défilement en nid d'abeille



ZB-OR DONGLE
Organic Response kit dongle IR



ZB-OR GATEWAY
Organic Response passerelle IoT série Cascade



ZB-OR-R SENSOR
capteur Organic Response pour montage encastré