

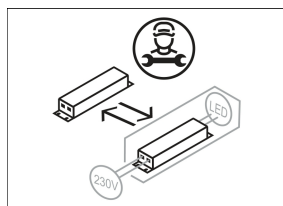
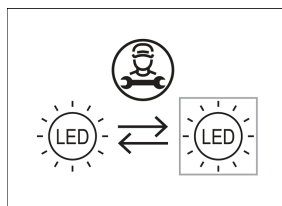
DAL-M-LK 102.840.50/DALI



Descrizione

- testa lampada girevole a 355° e direzionabile a 30° tramite vite di regolazione
- aspetto personalizzato grazie alla cornice da incasso standard o alla cornice da incasso trimless a filo nel soffitto e ai vari riflettori anteriori
- elevata facilità di manutenzione
- assenza di radiazioni termiche e UV
- gestione termica con raffreddamento passivo
- testa lampada e termodispersore pressofusi
- riflettore principale in plastica
- anello antiriflesso nero in policarbonato per l'alloggiamento di frangiluce a nido d'ape
- disco diffusore in vetro
- innesto della testa lampada nella cornice da incasso senza attrezzi
- collegamento all'alimentatore tramite cavo lampada con connettore Mini-Clamp
- alimentatore (convertitore LED DALI, dimmerabile) incluso (posizionamento esterno)

Colori	Articolo n.	EAN
argento	661016	4043544698339



Opzioni standard



Opzioni speciali



Dati illuminotecnici / Norme

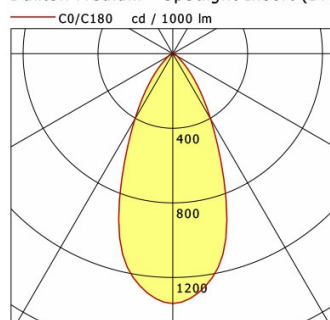
Lampade	LED Spot / CRI 80 / 4000 K
EPREL fonti luminose	848119
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Durata	
Prestazioni sistema	28.0 W
Flusso luminoso apparecchio	max. 2470 lm
Efficienza sistema	81.42 lm/W
Efficienza del modulo	160.37 lm/W
UGR classe	≤22
Angolo del fascio luminoso	50°
Tensione di alimentazione	220 - 240 V / 50 - 60 Hz
Classe di protezione	III
Tipo di protezione	IP20

Dimensioni / pesi

Diametro esterno	101 mm
Altezza	121 mm
Profondità di incasso	170 mm
Diametro testa lampada	101 mm
Peso netto	0.91 kg
Peso lordo	0.96 kg

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Dallton Medium - Spotlight Insert (DAL-M-RTR 22_WS-MATT, 1xLED 28W 840/4000K 2280lm 50 °)



	C0	C90	C180	C270
0°	1340	1340	1340	1340
15°	1071	1071	1071	1071
30°	404	404	404	404
45°	106	106	106	106
60°	28	28	28	28
75°	4	4	4	4
90°	0	0	0	0

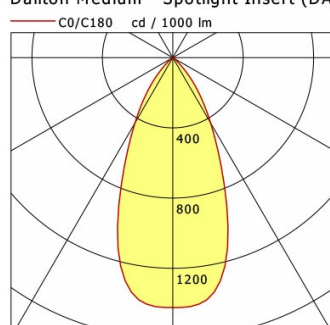
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.58	339.4
6.0	5.16	84.9
9.0	7.74	37.7
12.0	10.32	21.2
15.0	12.90	13.6

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	20.2
UGR C90/C270	20.2
CIE Flux Codes	87 98 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_CH-SW, 1xLED 28W 840/4000K 2110lm 50 °)



	C0	C90	C180	C270
0°	1424	1424	1424	1424
15°	1179	1179	1179	1179
30°	430	430	430	430
45°	79	79	79	79
60°	4	4	4	4
75°	0	0	0	0
90°	0	0	0	0

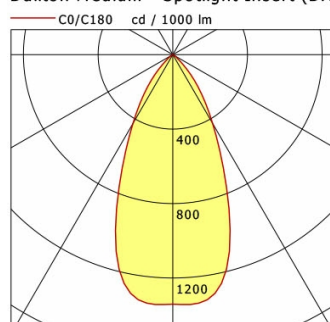
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.59	333.8
6.0	5.17	83.4
9.0	7.76	37.1
12.0	10.35	20.9
15.0	12.93	13.4

η	LED
Efficiency	75 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	16.4
UGR C90/C270	16.4
CIE Flux Codes	94 100 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_CH, 1xLED 28W 840/4000K 2320lm 50 °)



	C0	C90	C180	C270
0°	1341	1341	1341	1341
15°	1147	1147	1147	1147
30°	427	427	427	427
45°	91	91	91	91
60°	8	8	8	8
75°	0	0	0	0
90°	0	0	0	0

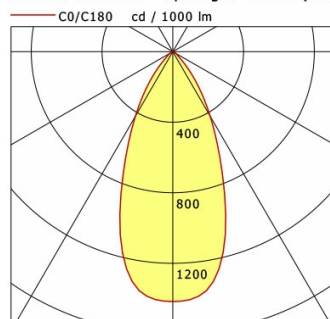
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.66	345.6
6.0	5.32	86.4
9.0	7.98	38.4
12.0	10.64	21.6
15.0	13.30	13.8

η	LED
Efficiency	83 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	17.2
UGR C90/C270	17.2
CIE Flux Codes	92 100 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_SI-MATT, 1xLED 28W 840/4000K 2140lm 50 °)



	C0	C90	C180	C270
0°	1417	1417	1417	1417
15°	1129	1129	1129	1129
30°	423	423	423	423
45°	83	83	83	83
60°	17	17	17	17
75°	1	1	1	1
90°	0	0	0	0

cd / 1000 lm

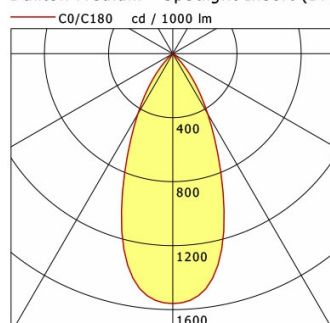
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.53	336.9
6.0	5.06	84.2
9.0	7.58	37.4
12.0	10.11	21.1
15.0	12.64	13.5

η	LED
Efficiency	77 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	17.2
UGR C90/C270	17.2
CIE Flux Codes	91 99 100 100 100
Ra/CRI	>80

LTS

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Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_SW-MATT, 1xLED 28W 840/4000K 1740lm 50 °)



	C0	C90	C180	C270
0°	1562	1562	1562	1562
15°	1209	1209	1209	1209
30°	436	436	436	436
45°	61	61	61	61
60°	1	1	1	1
75°	0	0	0	0
90°	0	0	0	0

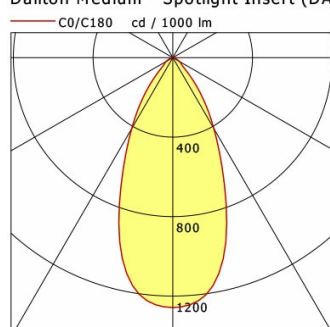
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.47	302.0
6.0	4.93	75.5
9.0	7.40	33.6
12.0	9.86	18.9
15.0	12.33	12.1

η	LED
Efficiency	62 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	15.2
UGR C90/C270	15.2
CIE Flux Codes	96 100 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_WS-MATT, 1xLED 28W 840/4000K 2290lm 50 °)



	C0	C90	C180	C270
0°	1258	1258	1258	1258
15°	1007	1007	1007	1007
30°	413	413	413	413
45°	104	104	104	104
60°	39	39	39	39
75°	7	7	7	7
90°	0	0	0	0

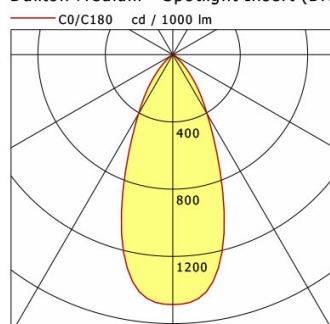
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.62	320.0
6.0	5.24	80.0
9.0	7.86	35.6
12.0	10.47	20.0
15.0	13.09	12.8

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	20.1
UGR C90/C270	20.1
CIE Flux Codes	85 96 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RTR 22_CH, 1xLED 28W 840/4000K 2340lm 50 °)



	C0	C90	C180	C270
0°	1486	1486	1486	1486
15°	1158	1158	1158	1158
30°	407	407	407	407
45°	99	99	99	99
60°	4	4	4	4
75°	0	0	0	0
90°	0	0	0	0

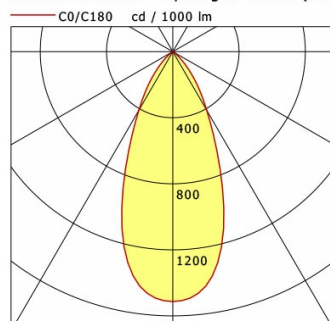
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.44	386.5
6.0	4.88	96.6
9.0	7.32	42.9
12.0	9.77	24.2
15.0	12.21	15.5

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	18.6
UGR C90/C270	18.6
CIE Flux Codes	92 100 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RTR 22_CH-SW, 1xLED 28W 840/4000K 2210lm 50 °)



	C0	C90	C180	C270
0°	1513	1513	1513	1513
15°	1167	1167	1167	1167
30°	410	410	410	410
45°	94	94	94	94
60°	3	3	3	3
75°	0	0	0	0
90°	0	0	0	0

cd / 1000 lm

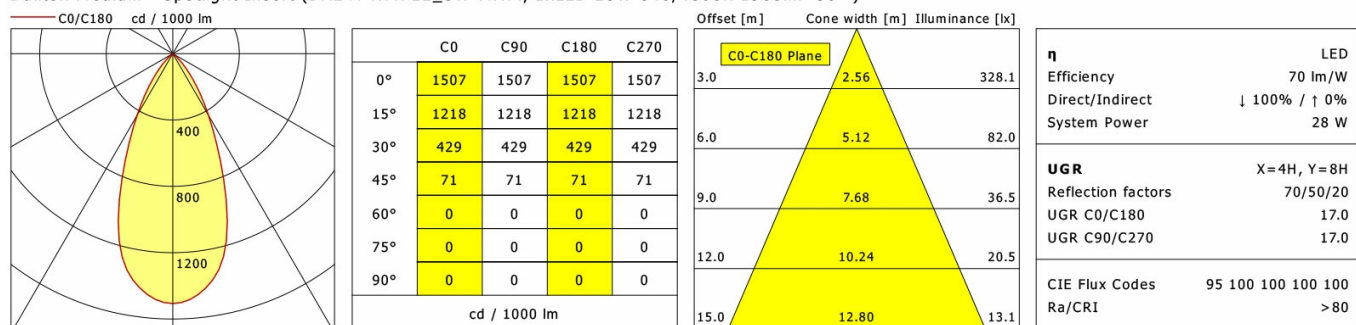
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.43	371.6
6.0	4.87	92.9
9.0	7.30	41.3
12.0	9.74	23.2
15.0	12.17	14.9

η	LED
Efficiency	79 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	18.2
UGR C90/C270	18.2
CIE Flux Codes	93 100 100 100 100
Ra/CRI	>80

LTS

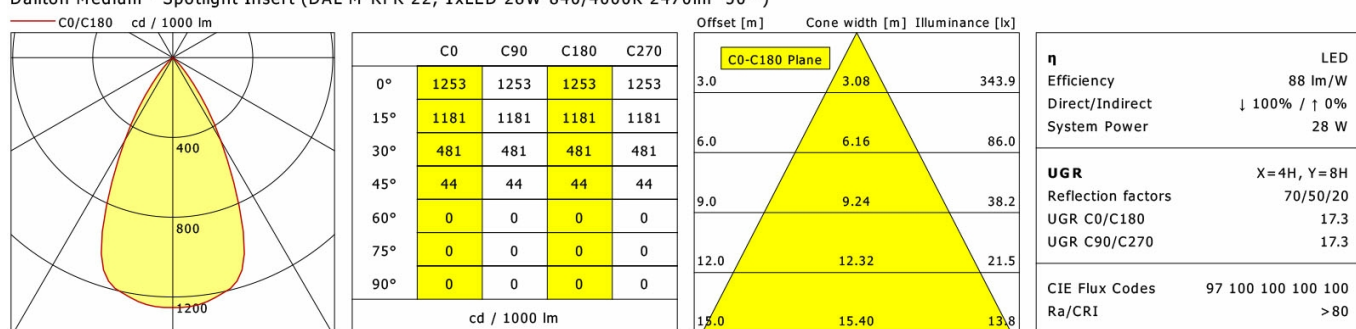
DAL-M-LK 102.840.50/DALI

Dallton Medium - Spotlight Insert (DAL-M-RTR 22_SW-MATT, 1xLED 28W 840/4000K 1960lm 50 °)



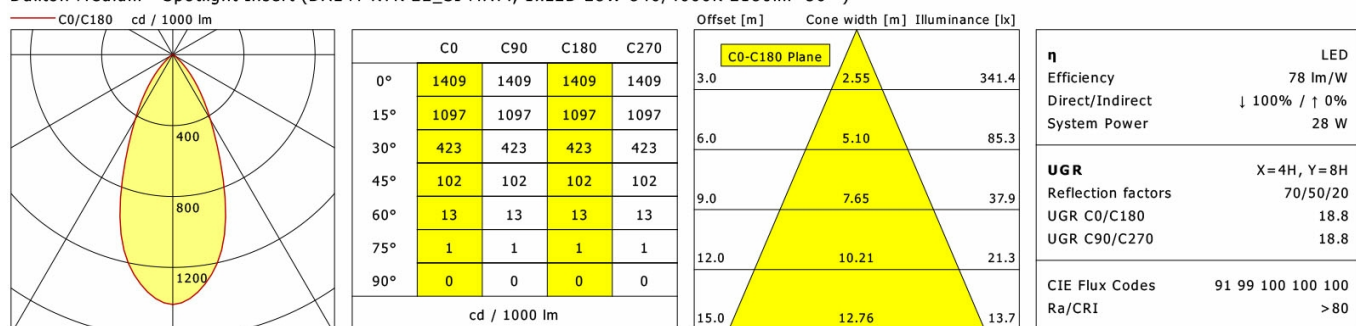
LTS

Dallton Medium - Spotlight Insert (DAL-M-RFR 22, 1xLED 28W 840/4000K 2470lm 50 °)



LTS

Dallton Medium - Spotlight Insert (DAL-M-RTR 22_SI-MATT, 1xLED 28W 840/4000K 2180lm 50 °)



LTS

DAL-M-LK 102.840.50/DALI

Accessori



DAL-M-ZBW 12.22
Frangiluce a nido d'ape



ZB-OR DONGLE
Organic Response Kit dongle IR



ZB-OR GATEWAY
Organic Response serie a cascata gateway IoT



ZB-OR-R SENSOR
sensore Organic Response per montaggio a incasso