

DAL-M-LK 101.840.40/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 polycarbonato 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)

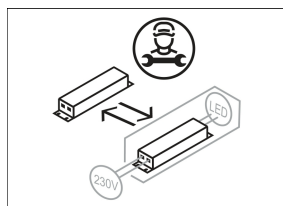
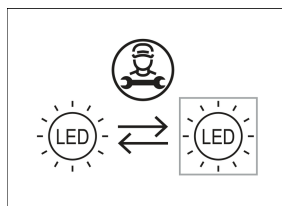
Opzioni standard



Opzioni speciali



Colori	Articolo n.	EAN
argento	660996	4043544698131



Dati illuminotecnici / Norme

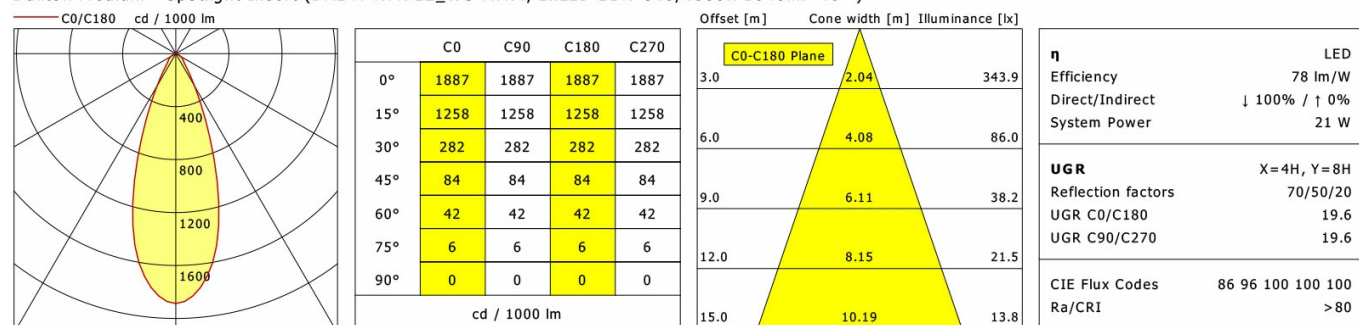
Lampade	LED Spot / CRI 80 / 4000 K
EPREL fonti luminose	848119
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Durata	
Prestazioni sistema	21.0 W
Flusso luminoso apparecchio	max. 1700 lm
Efficienza sistema	78.09 lm/W
Efficienza del modulo	160.37 lm/W
UGR classe	≤16
Angolo del fascio luminoso	40°
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	0.89 kg
Peso lordo	0.94 kg

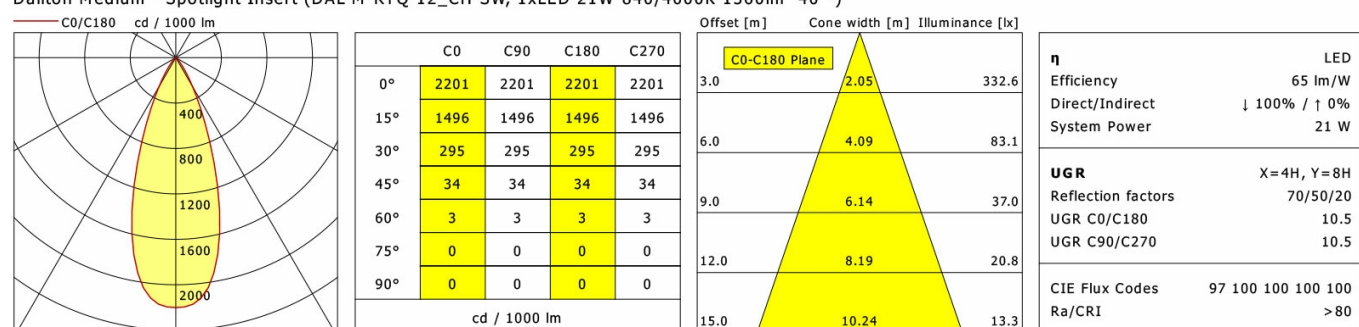
DAL-M-LK 101.840.40/DALI

Dallton Medium - Spotlight Insert (DAL-M-RTR 22_WS-MATT, 1xLED 21W 840/4000K 1640lm 40 °)



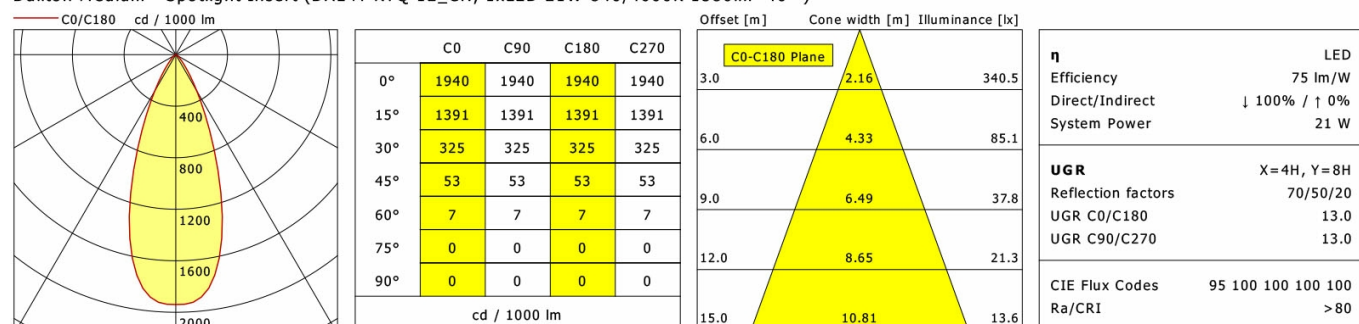
LTS

Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_CH-SW, 1xLED 21W 840/4000K 1360lm 40 °)



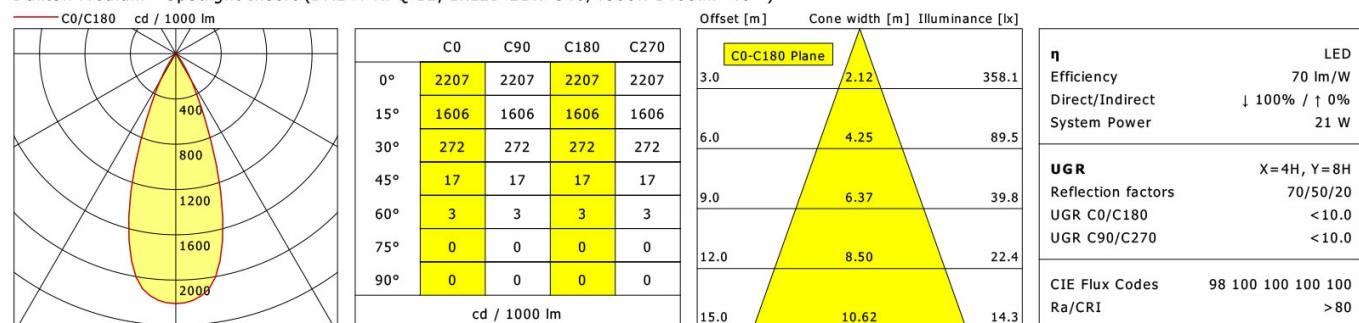
LTS

Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_CH, 1xLED 21W 840/4000K 1580lm 40 °)



LTS

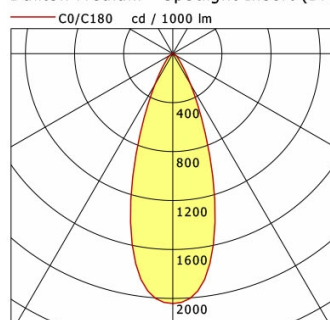
Dallton Medium - Spotlight Insert (DAL-M-RFQ 12, 1xLED 21W 840/4000K 1460lm 40 °)



LTS

DAL-M-LK 101.840.40/DALI

Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_SI-MATT, 1xLED 21W 840/4000K 1370lm 40 °)



	C0	C90	C180	C270
0°	2042	2042	2042	2042
15°	1333	1333	1333	1333
30°	292	292	292	292
45°	72	72	72	72
60°	22	22	22	22
75°	2	2	2	2
90°	0	0	0	0

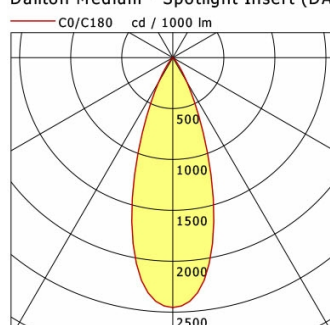
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.99	310.8
6.0	3.99	77.7
9.0	5.98	34.5
12.0	7.97	19.4
15.0	9.97	12.4

η	LED
Efficiency	65 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	14.8
UGR C90/C270	14.8
CIE Flux Codes	90 99 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_SW-MATT, 1xLED 21W 840/4000K 1050lm 40 °)



	C0	C90	C180	C270
0°	2455	2455	2455	2455
15°	1552	1552	1552	1552
30°	276	276	276	276
45°	20	20	20	20
60°	1	1	1	1
75°	0	0	0	0
90°	0	0	0	0

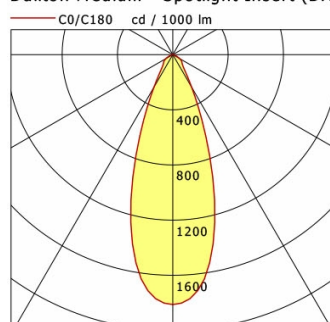
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.93	286.4
6.0	3.87	71.6
9.0	5.80	31.8
12.0	7.73	17.9
15.0	9.67	11.5

η	LED
Efficiency	50 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 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 Medium - Spotlight Insert (DAL-M-RTQ 12_WS-MATT, 1xLED 21W 840/4000K 1520lm 40 °)



	C0	C90	C180	C270
0°	1812	1812	1812	1812
15°	1177	1177	1177	1177
30°	272	272	272	272
45°	97	97	97	97
60°	57	57	57	57
75°	9	9	9	9
90°	0	0	0	0

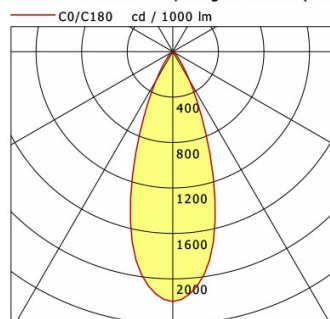
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.99	306.0
6.0	3.99	76.5
9.0	5.98	34.0
12.0	7.97	19.1
15.0	9.97	12.2

η	LED
Efficiency	72 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	19.9
UGR C90/C270	19.9
CIE Flux Codes	82 95 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RTR 22_CH, 1xLED 21W 840/4000K 1700lm 40 °)



	C0	C90	C180	C270
0°	2200	2200	2200	2200
15°	1441	1441	1441	1441
30°	296	296	296	296
45°	52	52	52	52
60°	4	4	4	4
75°	0	0	0	0
90°	0	0	0	0

cd / 1000 lm

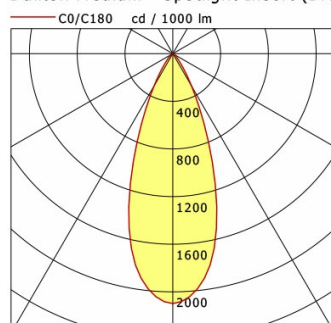
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.00	415.5
6.0	4.00	103.9
9.0	6.00	46.2
12.0	8.01	26.0
15.0	10.01	16.6

η	LED
Efficiency	81 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	13.9
UGR C90/C270	13.9
CIE Flux Codes	95 100 100 100 100
Ra/CRI	>80

LTS

DAL-M-LK 101.840.40/DALI

Dallton Medium - Spotlight Insert (DAL-M-RTR 22_CH-SW, 1xLED 21W 840/4000K 1650lm 40 °)



	C0	C90	C180	C270
0°	2098	2098	2098	2098
15°	1425	1425	1425	1425
30°	315	315	315	315
45°	49	49	49	49
60°	2	2	2	2
75°	0	0	0	0
90°	0	0	0	0

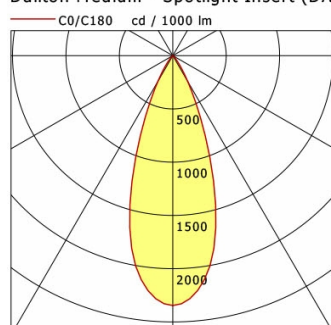
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.08	384.7
6.0	4.16	96.2
9.0	6.23	42.7
12.0	8.31	24.0
15.0	10.39	15.4

η	LED
Efficiency	79 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	13.7
UGR C90/C270	13.7
CIE Flux Codes	96 100 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RTR 22_SW-MATT, 1xLED 21W 840/4000K 1270lm 40 °)



	C0	C90	C180	C270
0°	2346	2346	2346	2346
15°	1563	1563	1563	1563
30°	279	279	279	279
45°	22	22	22	22
60°	1	1	1	1
75°	0	0	0	0
90°	0	0	0	0

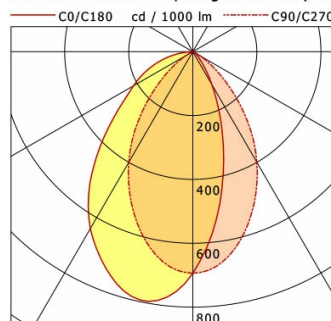
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.01	331.0
6.0	4.03	82.8
9.0	6.04	36.8
12.0	8.05	20.7
15.0	10.07	13.2

η	LED
Efficiency	61 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	10.3
UGR C90/C270	10.3
CIE Flux Codes	98 100 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RWQ 12, 1xLED 21W 840/4000K 850lm 40 °)



	C0	C90	C180	C270
0°	694	694	694	694
15°	371	599	786	599
30°	119	400	640	400
45°	27	173	402	173
60°	5	28	214	28
75°	1	3	99	3
90°	0	0	0	0

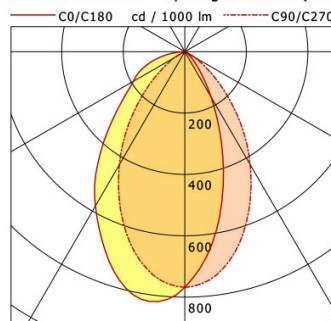
cd / 1000 lm

LDC unsuitable for cone representation.
Asymetric LDC.

η	LED
Efficiency	40 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	<10.0
UGR C90/C270	21.2
CIE Flux Codes	66 90 98 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RWR 22, 1xLED 21W 840/4000K 990lm 40 °)



	C0	C90	C180	C270
0°	768	768	768	768
15°	476	661	784	661
30°	171	425	581	425
45°	37	184	346	184
60°	6	35	193	35
75°	1	3	100	3
90°	0	0	0	0

cd / 1000 lm

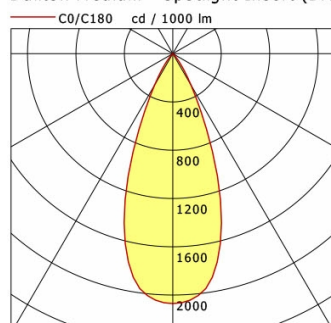
LDC unsuitable for cone representation.
Asymetric LDC.

η	LED
Efficiency	47 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	10.5
UGR C90/C270	22.5
CIE Flux Codes	69 90 98 100 100
Ra/CRI	>80

LTS

DAL-M-LK 101.840.40/DALI

Dallton Medium - Spotlight Insert (DAL-M-RFR 22, 1xLED 21W 840/4000K 1600lm 40 °)



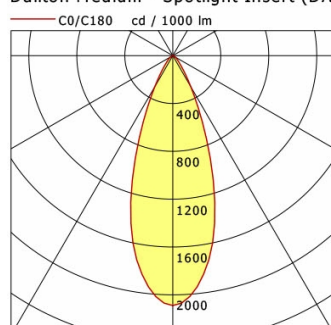
	C0	C90	C180	C270
0°	2070	2070	2070	2070
15°	1544	1544	1544	1544
30°	301	301	301	301
45°	15	15	15	15
60°	0	0	0	0
75°	0	0	0	0
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.23	368.1
6.0	4.47	92.0
9.0	6.70	40.9
12.0	8.94	23.0
15.0	11.17	14.7

η	LED
Efficiency	76 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	11.4
UGR C90/C270	11.4
CIE Flux Codes	99 100 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RTR 22_SI-MATT, 1xLED 21W 840/4000K 1530lm 40 °)



	C0	C90	C180	C270
0°	2089	2089	2089	2089
15°	1359	1359	1359	1359
30°	301	301	301	301
45°	64	64	64	64
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	2.01	355.2
6.0	4.02	88.8
9.0	6.03	39.5
12.0	8.04	22.2
15.0	10.06	14.2

η	LED
Efficiency	73 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	15.4
UGR C90/C270	15.4
CIE Flux Codes	92 99 100 100 100
Ra/CRI	>80

LTS

DAL-M-LK 101.840.40/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