

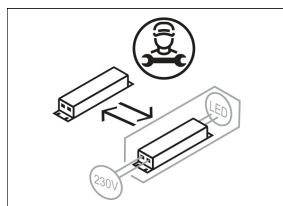
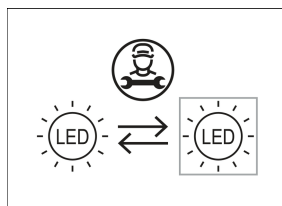
DAL-M-LK 101.830.40/DALI



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)

Colori	Articolo n.	EAN
argento	660990	4043544698070



Opzioni standard



Opzioni speciali



Dati illuminotecnici / Norme

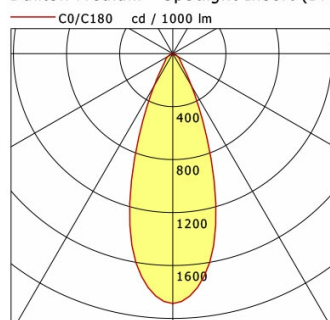
Lampade	LED Spot / CRI 80 / 3000 K
EPREL fonti luminose	848117
Durata	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
Prestazioni sistema	21.0 W
Flusso luminoso apparecchio	max. 1620 lm
Efficienza sistema	74.76 lm/W
Efficienza del modulo	156.64 lm/W
UGR classe	≤16
Angolo del fascio luminoso	40°
Tensione 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

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Dallton Medium - Spotlight Insert (DAL-M-RTR 22_WS-MATT, 1xLED 21W 830/3000K 1570lm 40 °)



	C0	C90	C180	C270
0°	1887	1887	1887	1887
15°	1258	1258	1258	1258
30°	282	282	282	282
45°	84	84	84	84
60°	42	42	42	42
75°	6	6	6	6
90°	0	0	0	0

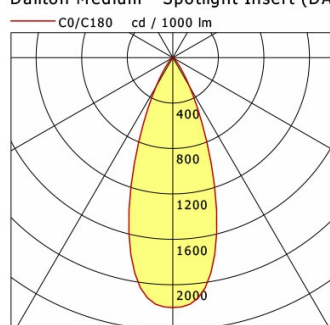
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.04	329.2
6.0	4.08	82.3
9.0	6.11	36.6
12.0	8.15	20.6
15.0	10.19	13.2

η	LED
Efficiency	75 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	19.4
UGR C90/C270	19.4
CIE Flux Codes	86 96 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_CH-SW, 1xLED 21W 830/3000K 1300lm 40 °)



	C0	C90	C180	C270
0°	2201	2201	2201	2201
15°	1496	1496	1496	1496
30°	295	295	295	295
45°	34	34	34	34
60°	3	3	3	3
75°	0	0	0	0
90°	0	0	0	0

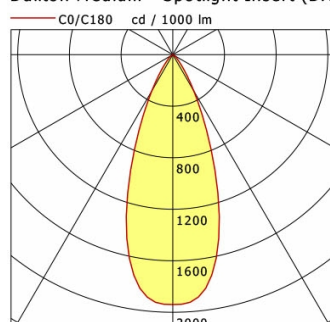
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.05	317.9
6.0	4.09	79.5
9.0	6.14	35.3
12.0	8.19	19.9
15.0	10.24	12.7

η	LED
Efficiency	62 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	10.4
UGR C90/C270	10.4
CIE Flux Codes	97 100 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_CH, 1xLED 21W 830/3000K 1510lm 40 °)



	C0	C90	C180	C270
0°	1940	1940	1940	1940
15°	1391	1391	1391	1391
30°	325	325	325	325
45°	53	53	53	53
60°	7	7	7	7
75°	0	0	0	0
90°	0	0	0	0

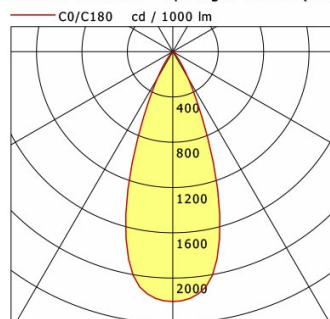
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.16	325.5
6.0	4.33	81.4
9.0	6.49	36.2
12.0	8.65	20.3
15.0	10.81	13.0

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	12.9
UGR C90/C270	12.9
CIE Flux Codes	95 100 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RFQ 12, 1xLED 21W 830/3000K 1400lm 40 °)



	C0	C90	C180	C270
0°	2207	2207	2207	2207
15°	1606	1606	1606	1606
30°	272	272	272	272
45°	17	17	17	17
60°	3	3	3	3
75°	0	0	0	0
90°	0	0	0	0

cd / 1000 lm

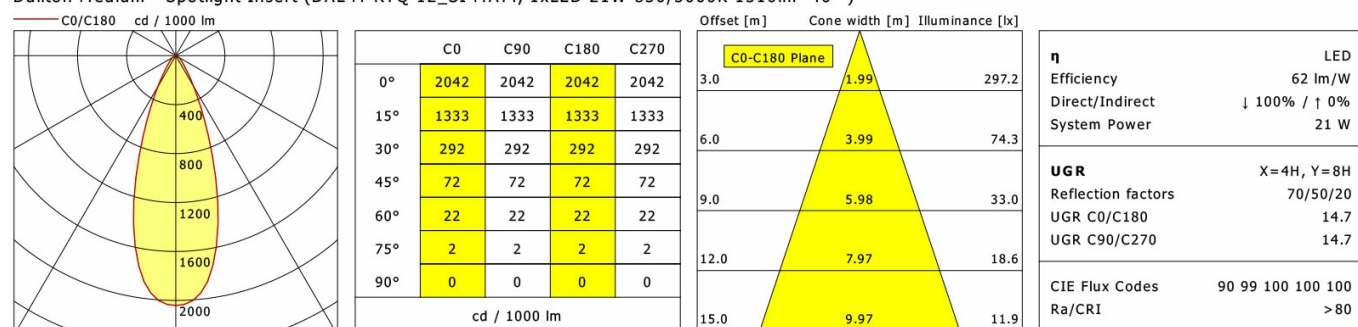
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.12	343.4
6.0	4.25	85.8
9.0	6.37	38.2
12.0	8.50	21.5
15.0	10.62	13.7

η	LED
Efficiency	67 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

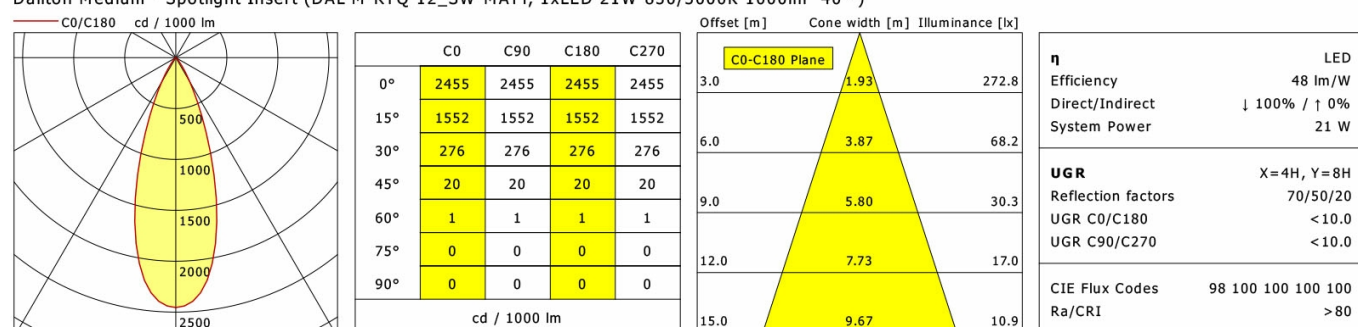
DAL-M-LK 101.830.40/DALI

Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_SI-MATT, 1xLED 21W 830/3000K 1310lm 40 °)



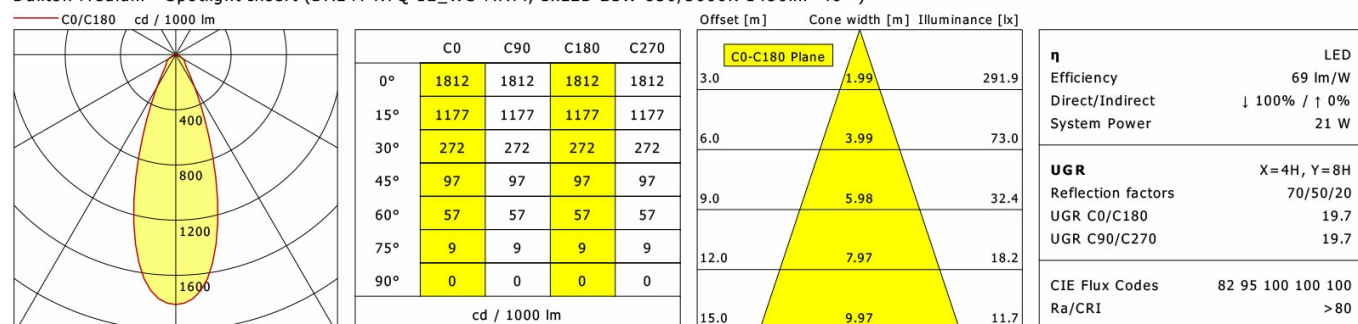
LTS

Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_SW-MATT, 1xLED 21W 830/3000K 1000lm 40 °)



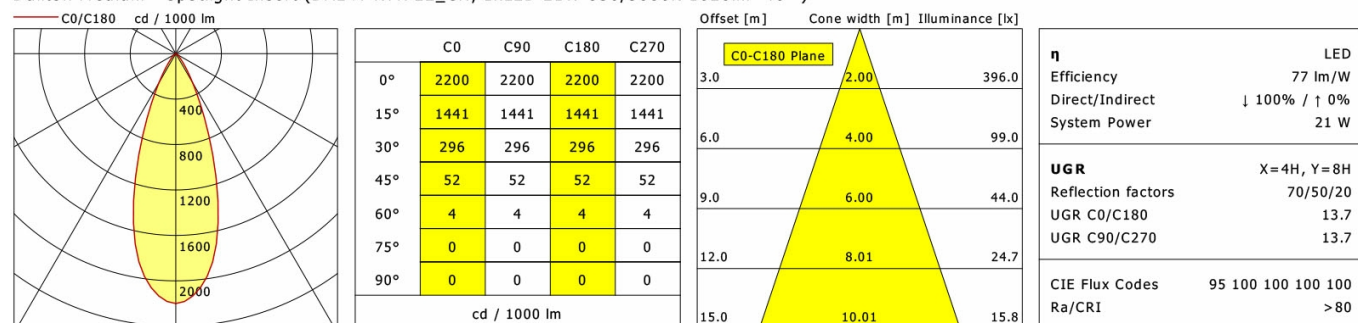
LTS

Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_WS-MATT, 1xLED 21W 830/3000K 1450lm 40 °)



LTS

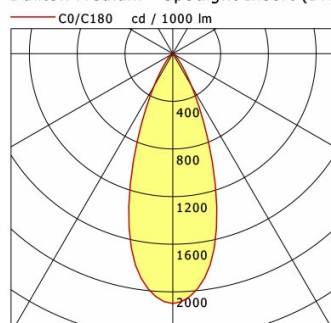
Dallton Medium - Spotlight Insert (DAL-M-RTR 22_CH, 1xLED 21W 830/3000K 1620lm 40 °)



LTS

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Dallton Medium - Spotlight Insert (DAL-M-RTR 22_CH-SW, 1xLED 21W 830/3000K 1580lm 40 °)



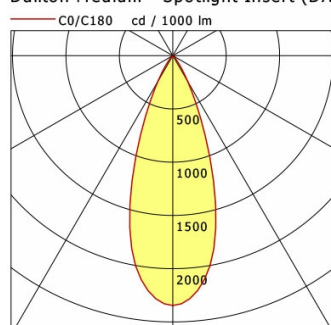
	C0	C90	C180	C270
0°	2098	2098	2098	2098
15°	1425	1425	1425	1425
30°	315	315	315	315
45°	49	49	49	49
60°	2	2	2	2
75°	0	0	0	0
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.08	368.3
6.0	4.16	92.1
9.0	6.23	40.9
12.0	8.31	23.0
15.0	10.39	14.7

η	LED
Efficiency	75 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	13.6
UGR C90/C270	13.6
CIE Flux Codes	96 100 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RTR 22_SW-MATT, 1xLED 21W 830/3000K 1210lm 40 °)



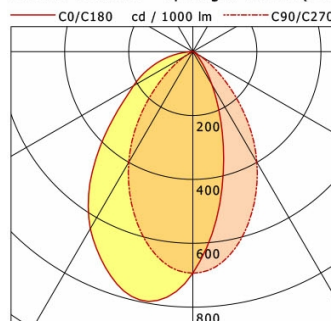
	C0	C90	C180	C270
0°	2346	2346	2346	2346
15°	1563	1563	1563	1563
30°	279	279	279	279
45°	22	22	22	22
60°	1	1	1	1
75°	0	0	0	0
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.01	315.4
6.0	4.03	78.9
9.0	6.04	35.0
12.0	8.05	19.7
15.0	10.07	12.6

η	LED
Efficiency	58 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	10.1
UGR C90/C270	10.1
CIE Flux Codes	98 100 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RWQ 12, 1xLED 21W 830/3000K 810lm 40 °)



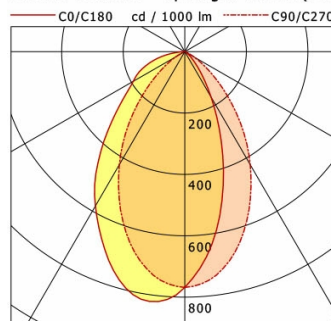
	C0	C90	C180	C270
0°	694	694	694	694
15°	371	599	786	599
30°	119	400	640	400
45°	27	173	402	173
60°	5	28	214	28
75°	1	3	99	3
90°	0	0	0	0
cd / 1000 lm				

LDC unsuitable for cone representation.
Asymetric LDC.

η	LED
Efficiency	39 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	21.1
CIE Flux Codes	66 90 98 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RWR 22, 1xLED 21W 830/3000K 950lm 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				

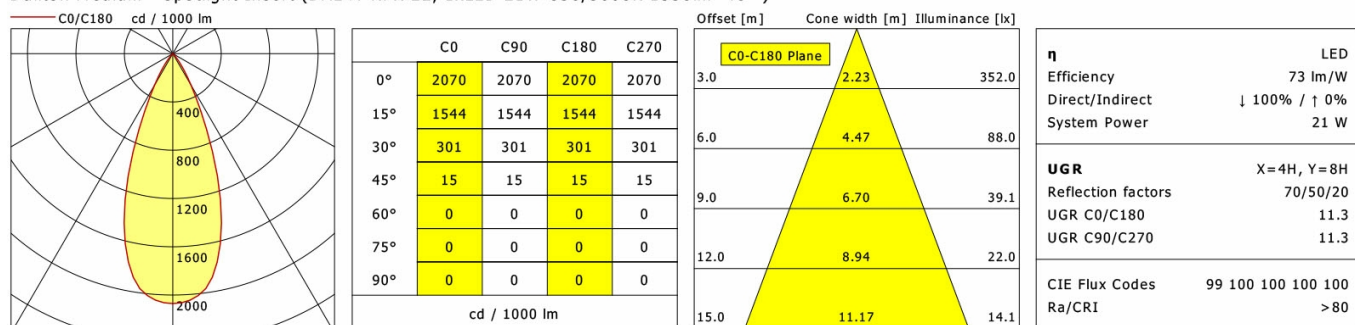
LDC unsuitable for cone representation.
Asymetric LDC.

η	LED
Efficiency	45 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	22.3
CIE Flux Codes	69 90 98 100 100
Ra/CRI	>80

LTS

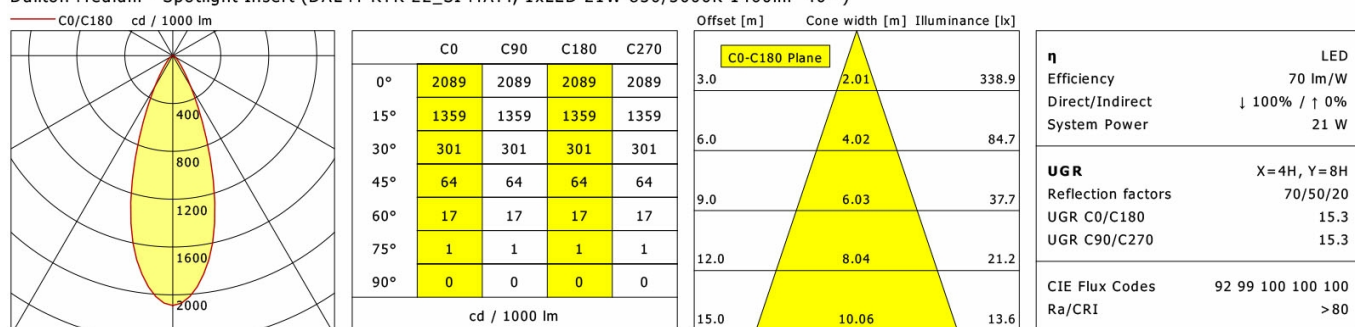
DAL-M-LK 101.830.40/DALI

Dallton Medium - Spotlight Insert (DAL-M-RFR 22, 1xLED 21W 830/3000K 1530lm 40 °)



LTS

Dallton Medium - Spotlight Insert (DAL-M-RTR 22_SI-MATT, 1xLED 21W 830/3000K 1460lm 40 °)



LTS

DAL-M-LK 101.830.40/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