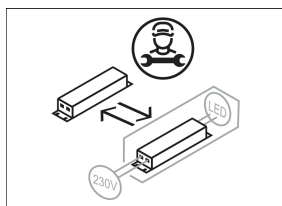
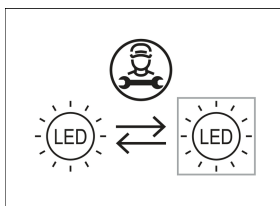


DAL-M-LK 102.840.40/DALI



Colori	Articolo n.	EAN
argento	661014	4043544698315



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



Dati illuminotecnici / Norme

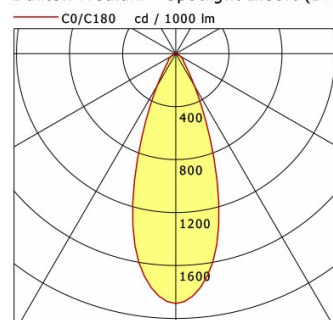
Lampade	LED Spot / CRI 80 / 4000 K
EPREL fonti luminose	848119
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Durata	
Prestazioni sistema	28.0 W
Flusso luminoso apparecchio	max. 2270 lm
Efficienza sistema	78.92 lm/W
Efficienza del modulo	160.37 lm/W
UGR classe	≤16
Angolo del fascio luminoso	40°
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	0.91 kg
Peso lordo	0.96 kg

DAL-M-LK 102.840.40/DALI

Dallton Medium - Spotlight Insert (DAL-M-RTR 22_WS-MATT, 1xLED 28W 840/4000K 2210lm 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

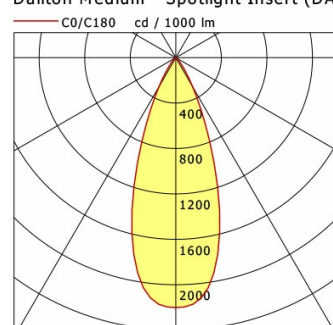
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.04	463.4
6.0	4.08	115.9
9.0	6.11	51.5
12.0	8.15	29.0
15.0	10.19	18.5

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	20.6
UGR C90/C270	20.6
CIE Flux Codes	86 96 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_CH-SW, 1xLED 28W 840/4000K 1840lm 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

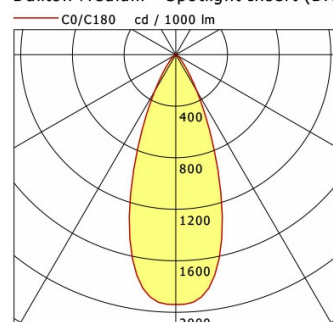
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.05	450.0
6.0	4.09	112.5
9.0	6.14	50.0
12.0	8.19	28.1
15.0	10.24	18.0

η	LED
Efficiency	66 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	11.6
UGR C90/C270	11.6
CIE Flux Codes	97 100 100 100 100
Ra/CRI	>80

LTS

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

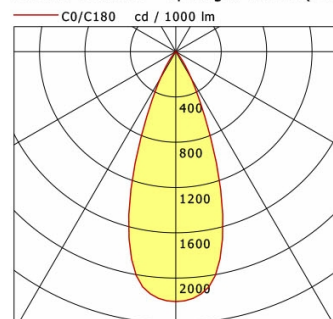
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.16	454.8
6.0	4.33	113.7
9.0	6.49	50.5
12.0	8.65	28.4
15.0	10.81	18.2

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	14.0
UGR C90/C270	14.0
CIE Flux Codes	95 100 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RFQ 12, 1xLED 28W 840/4000K 1950lm 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

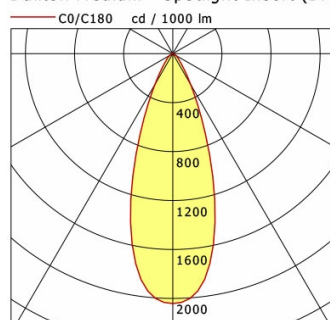
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.12	478.3
6.0	4.25	119.6
9.0	6.37	53.1
12.0	8.50	29.9
15.0	10.62	19.1

η	LED
Efficiency	70 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 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

DAL-M-LK 102.840.40/DALI

Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_SI-MATT, 1xLED 28W 840/4000K 1880lm 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

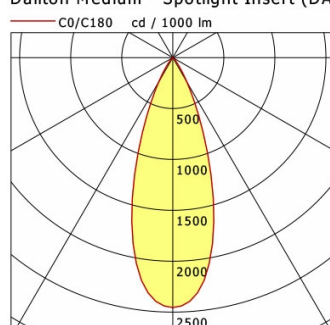
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.99	426.5
6.0	3.99	106.6
9.0	5.98	47.4
12.0	7.97	26.7
15.0	9.97	17.1

η	LED
Efficiency	67 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	15.9
UGR C90/C270	15.9
CIE Flux Codes	90 99 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_SW-MATT, 1xLED 28W 840/4000K 1430lm 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

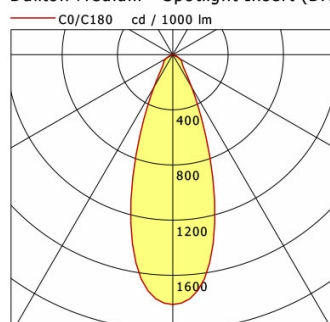
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.93	390.1
6.0	3.87	97.5
9.0	5.80	43.3
12.0	7.73	24.4
15.0	9.67	15.6

η	LED
Efficiency	51 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 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 28W 840/4000K 2070lm 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

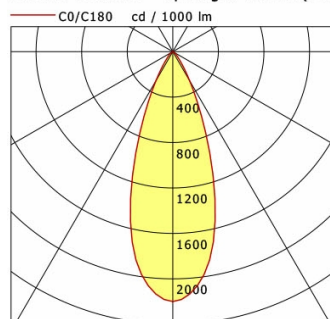
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.99	416.8
6.0	3.99	104.2
9.0	5.98	46.3
12.0	7.97	26.0
15.0	9.97	16.7

η	LED
Efficiency	74 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.9
UGR C90/C270	20.9
CIE Flux Codes	82 95 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RTR 22_CH, 1xLED 28W 840/4000K 2270lm 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

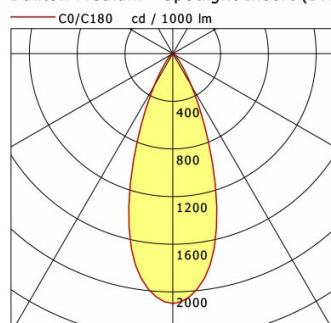
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.00	554.8
6.0	4.00	138.7
9.0	6.00	61.6
12.0	8.01	34.7
15.0	10.01	22.2

η	LED
Efficiency	81 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	14.9
UGR C90/C270	14.9
CIE Flux Codes	95 100 100 100 100
Ra/CRI	>80

LTS

DAL-M-LK 102.840.40/DALI

Dallton Medium - Spotlight Insert (DAL-M-RTR 22_CH-SW, 1xLED 28W 840/4000K 2160lm 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

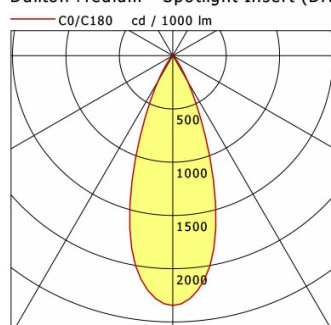
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.08	503.5
6.0	4.16	125.9
9.0	6.23	55.9
12.0	8.31	31.5
15.0	10.39	20.1

C0-C180 Plane

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	14.7
UGR C90/C270	14.7
CIE Flux Codes	96 100 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RTR 22_SW-MATT, 1xLED 28W 840/4000K 1690lm 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

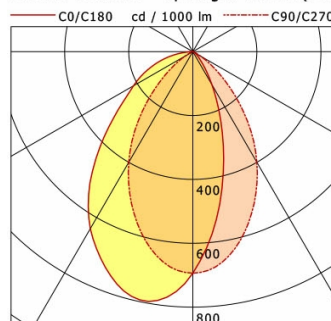
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.01	440.5
6.0	4.03	110.1
9.0	6.04	48.9
12.0	8.05	27.5
15.0	10.07	17.6

C0-C180 Plane

η	LED
Efficiency	60 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	11.3
UGR C90/C270	11.3
CIE Flux Codes	98 100 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RWQ 12, 1xLED 28W 840/4000K 1130lm 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

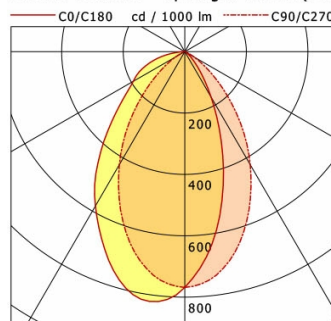
cd / 1000 lm

LDC unsuitable for cone representation.
Asymmetric LDC.

η	LED
Efficiency	40 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	<10.0
UGR C90/C270	22.2
CIE Flux Codes	66 90 98 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RWR 22, 1xLED 28W 840/4000K 1320lm 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

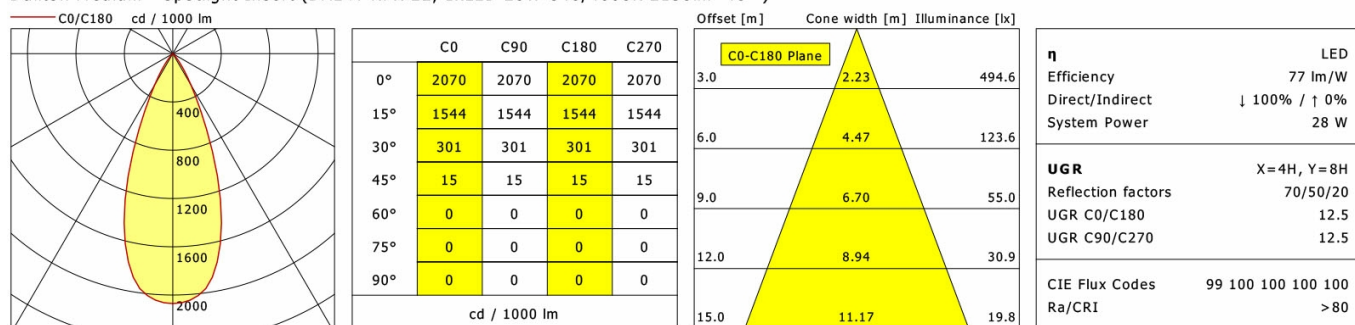
LDC unsuitable for cone representation.
Asymmetric LDC.

η	LED
Efficiency	47 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	11.5
UGR C90/C270	23.5
CIE Flux Codes	69 90 98 100 100
Ra/CRI	>80

LTS

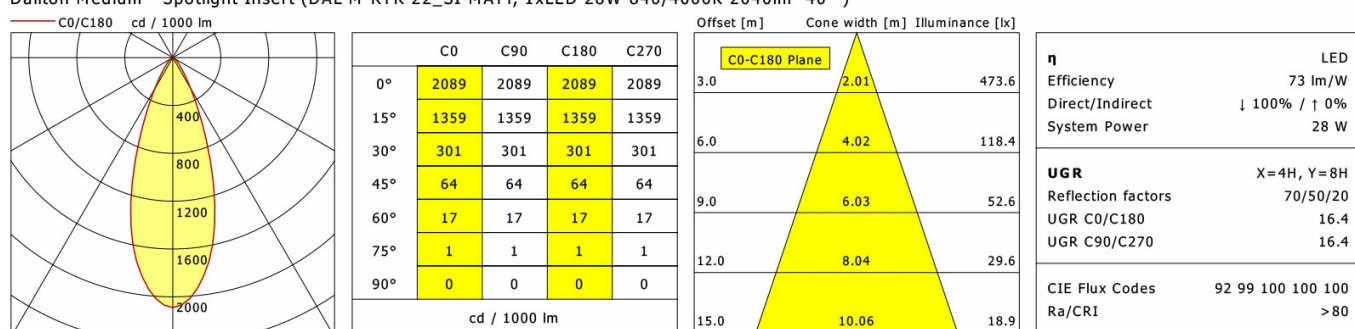
DAL-M-LK 102.840.40/DALI

Dallton Medium - Spotlight Insert (DAL-M-RFR 22, 1xLED 28W 840/4000K 2150lm 40 °)



LTS

Dallton Medium - Spotlight Insert (DAL-M-RTR 22_SI-MATT, 1xLED 28W 840/4000K 2040lm 40 °)



LTS

DAL-M-LK 102.840.40/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