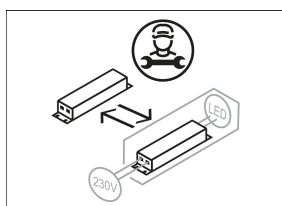
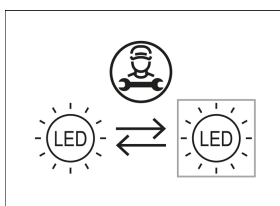


DAL-M-LK 102.840.40



Farbe	Artikelnummer	EAN
silber	661013	4043544698308



Beschreibung

- Lichtkopf 355° drehbar und 30° schwenkbar über Einstellschraube
- individuelle Optik durch Standard-Einbaurahmen oder deckenbündigen Trimless-Einbaurahmen sowie verschiedene Frontreflektoren
- hohe Wartungsfreundlichkeit
- keine UV- und Wärmestrahlung
- Wärmemanagement mit Passivkühlung
- Lichtkopf und Kühlkörper aus Druckguss
- Hauptreflektor aus Kunststoff
- schwarzer Entblendungsring aus Polycarbonat für Aufnahme von Wabenraster
- Diffusorscheibe aus Glas
- werkzeugloses Einrasten des Lichtkopfes in Einbaurahmen
- Anschluss an Betriebsgerät über Leuchtenkabel mit Mini-Clamp Steckverbindung
- Betriebsgerät (LED-Konverter) inklusive (Platzierung extern)

Standardoptionen



Sonderoptionen



Lichttechnik / Normen

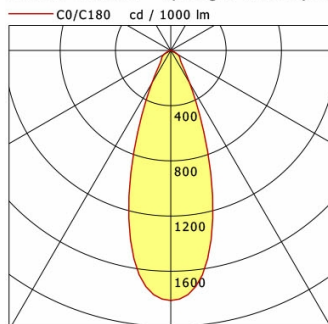
Leuchtmittel	LED Spot / CRI 80 / 4000 K
EPREL Lichtquellen	848119
Lebensdauer	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
Systemleistung	28.0 W
Leuchten-Lichtstrom	max. 2270 lm
Systemeffizienz	72.85 lm/W
Moduleffizienz	160.37 lm/W
UGR Klasse	≤16
Abstrahlwinkel	40°
Versorgungsspannung	220 - 240 V / 50 - 60 Hz
Schutzklasse	III
Schutzart	IP20

Abmessungen / Gewichte

Außendurchmesser	101 mm
Höhe	121 mm
Einbautiefe	170 mm
Durchmesser Lichtkopf	101 mm
Nettogewicht	0.87 kg
Bruttogewicht	0.92 kg

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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

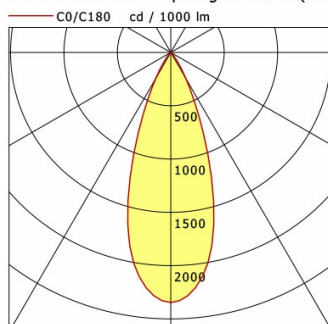
cd / 1000 lm

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_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

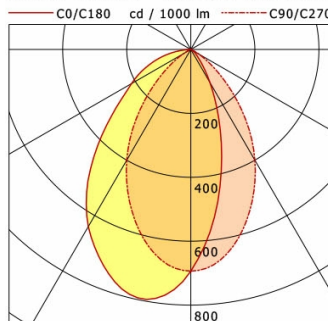
cd / 1000 lm

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

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

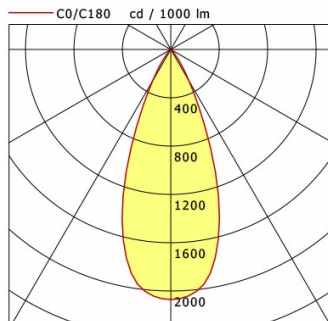
cd / 1000 lm

 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-RFR 22, 1xLED 28W 840/4000K 2150lm 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

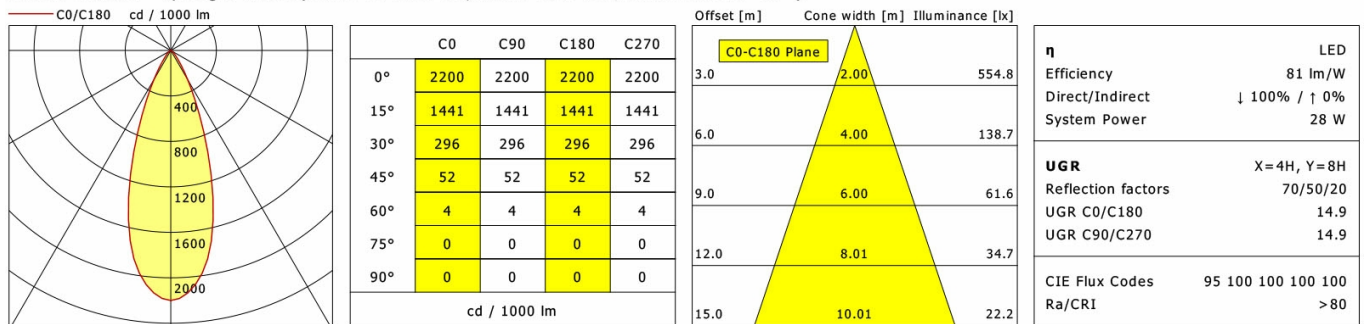
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.23	494.6
6.0	4.47	123.6
9.0	6.70	55.0
12.0	8.94	30.9
15.0	11.17	19.8

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	12.5
UGR C90/C270	12.5
CIE Flux Codes	99 100 100 100 100
Ra/CRI	>80

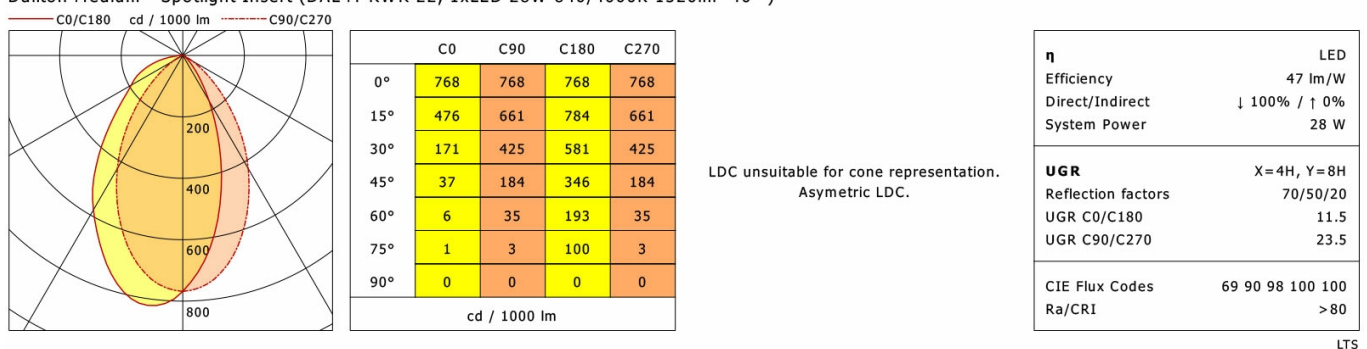
LTS

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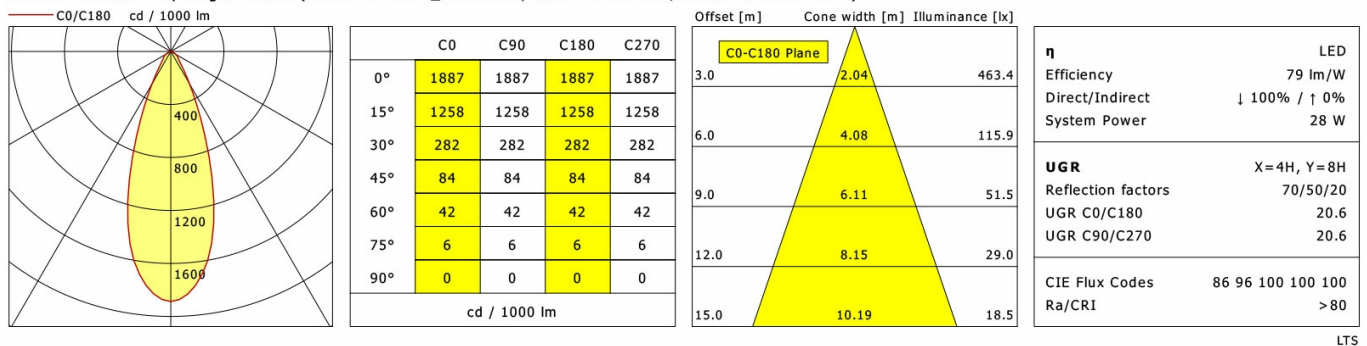
Dallton Medium - Spotlight Insert (DAL-M-RTR 22_CH, 1xLED 28W 840/4000K 2270lm 40 °)



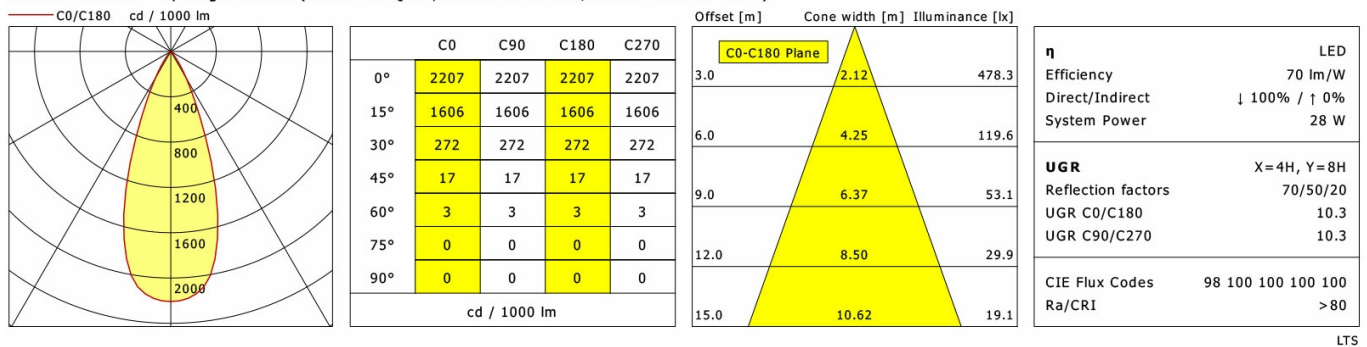
Dallton Medium - Spotlight Insert (DAL-M-RWR 22, 1xLED 28W 840/4000K 1320lm 40 °)



Dallton Medium - Spotlight Insert (DAL-M-RTR 22_WS-MATT, 1xLED 28W 840/4000K 2210lm 40 °)

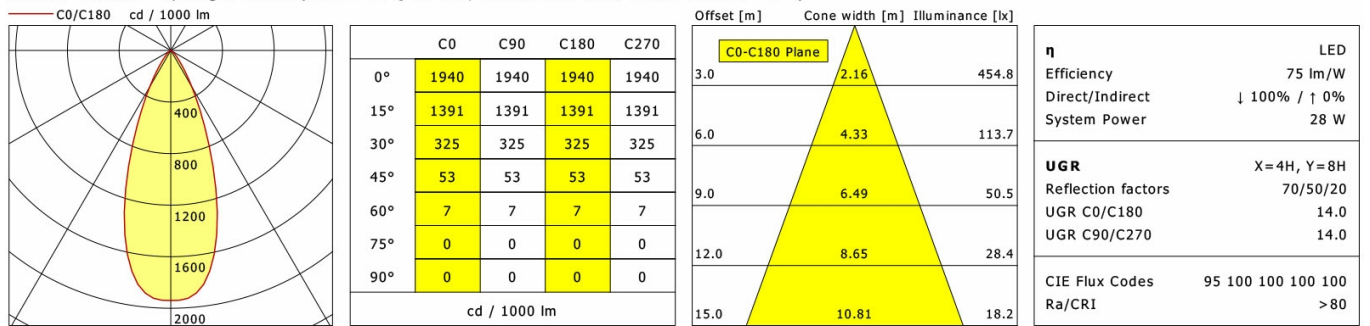


Dallton Medium - Spotlight Insert (DAL-M-RFQ 12, 1xLED 28W 840/4000K 1950lm 40 °)



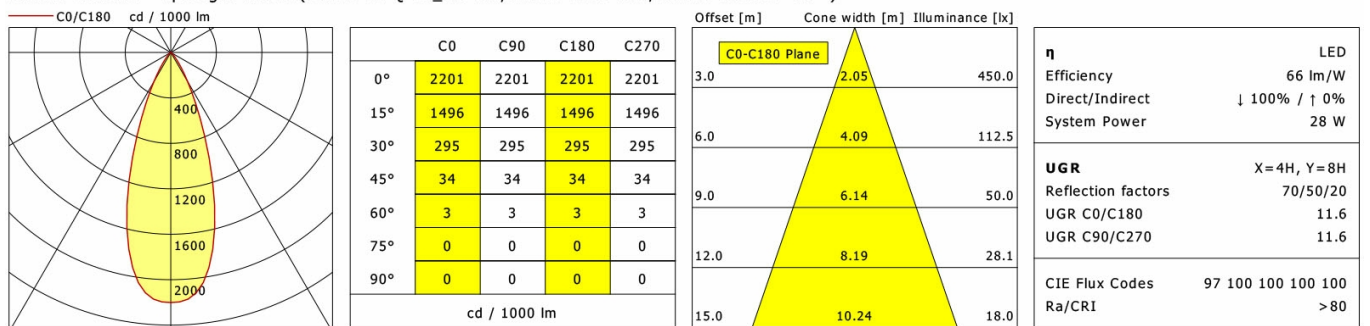
DAL-M-LK 102.840.40

Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_CH, 1xLED 28W 840/4000K 2110lm 40 °)



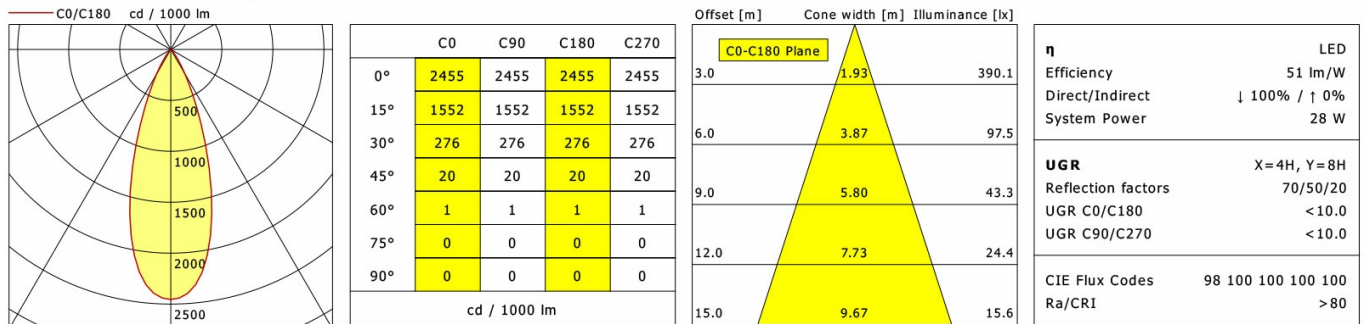
LTS

Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_CH-SW, 1xLED 28W 840/4000K 1840lm 40 °)



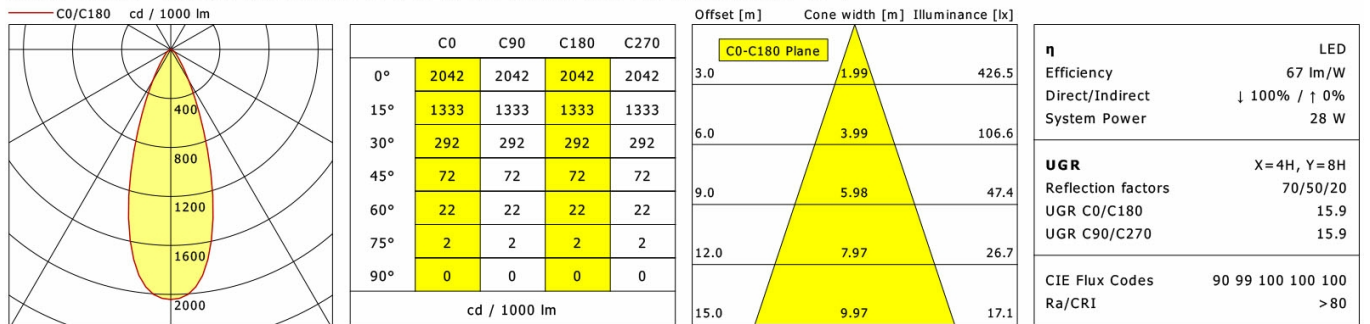
LTS

Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_SW-MATT, 1xLED 28W 840/4000K 1430lm 40 °)



LTS

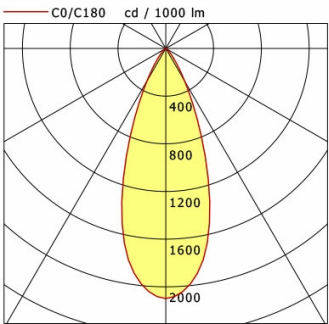
Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_SI-MATT, 1xLED 28W 840/4000K 1880lm 40 °)



LTS

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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]
C0-C180 Plane		
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

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

Einbaustrahler · Dalton Medium System

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Zubehör



DAL-M-ZBW 12.22
Wabenraster

