

DAL-M-LK 102.830.50/DALI



Farbe	Artikelnummer	EAN
silber	661010	4043544698278



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 DALI, dimmbar) inklusive (Platzierung extern)

Standardoptionen



Sonderoptionen



Lichttechnik / Normen

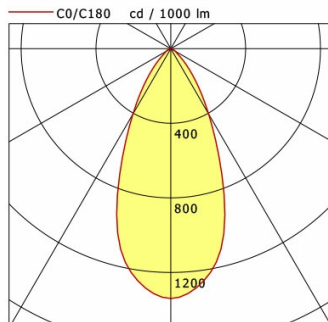
Leuchtmittel	LED Spot / CRI 80 / 3000 K
EPREL Lichtquellen	848117
Lebensdauer	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
Systemleistung	28.0 W
Leuchten-Lichtstrom	max. 2360 lm
Systemeffizienz	77.85 lm/W
Moduleffizienz	156.64 lm/W
UGR Klasse	≤22
Abstrahlwinkel	50°
Versorgungsspannung	220 - 240 V / 50 - 60 Hz
Schutzklasse	III
Schutzart	IP20

Abmessungen / Gewichte

Außendurchmesser	101 mm
Höhe	121 mm
Einbautiefe	170 mm
Durchmesser Lichtkopf	101 mm
Nettogewicht	0.91 kg
Bruttogewicht	0.96 kg

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Dallton Medium - Spotlight Insert (DAL-M-RTR 22_WS-MATT, 1xLED 28W 830/3000K 2180lm 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

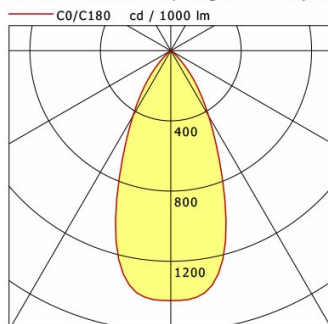
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.58	324.5
6.0	5.16	81.1
9.0	7.74	36.1
12.0	10.32	20.3
15.0	12.90	13.0

η	LED
Efficiency	78 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.0
UGR C90/C270	20.0
CIE Flux Codes	87 98 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_CH-SW, 1xLED 28W 830/3000K 2010lm 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

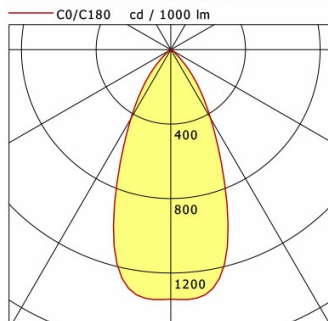
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.59	318.0
6.0	5.17	79.5
9.0	7.76	35.3
12.0	10.35	19.9
15.0	12.93	12.7

η	LED
Efficiency	72 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	16.3
UGR C90/C270	16.3
CIE Flux Codes	94 100 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_CH, 1xLED 28W 830/3000K 2210lm 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

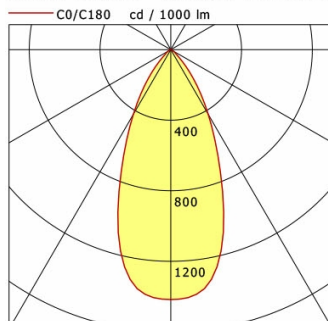
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.66	329.2
6.0	5.32	82.3
9.0	7.98	36.6
12.0	10.64	20.6
15.0	13.30	13.2

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	17.1
UGR C90/C270	17.1
CIE Flux Codes	92 100 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_SI-MATT, 1xLED 28W 830/3000K 2040lm 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

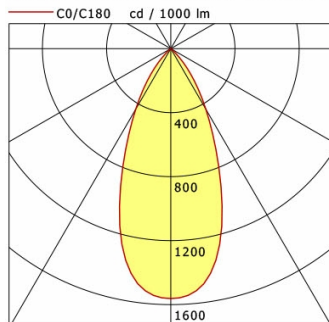
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.53	321.1
6.0	5.06	80.3
9.0	7.58	35.7
12.0	10.11	20.1
15.0	12.64	12.8

η	LED
Efficiency	73 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	17.0
UGR C90/C270	17.0
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 830/3000K 1660lm 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

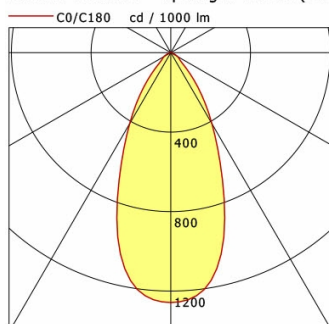
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.47	288.1
6.0	4.93	72.0
9.0	7.40	32.0
12.0	9.86	18.0
15.0	12.33	11.5

η	LED
Efficiency	59 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	15.0
UGR C90/C270	15.0
CIE Flux Codes	96 100 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_WS-MATT, 1xLED 28W 830/3000K 2190lm 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

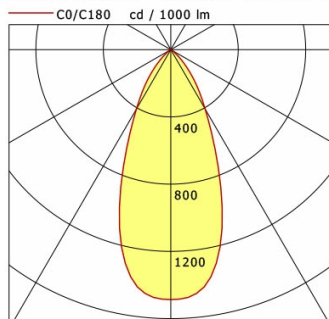
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.62	306.1
6.0	5.24	76.5
9.0	7.86	34.0
12.0	10.47	19.1
15.0	13.09	12.2

η	LED
Efficiency	78 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	19.9
UGR C90/C270	19.9
CIE Flux Codes	85 96 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RTR 22_CH, 1xLED 28W 830/3000K 2230lm 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

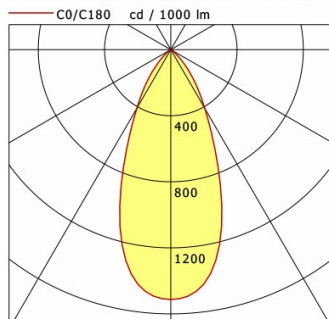
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.44	368.3
6.0	4.88	92.1
9.0	7.32	40.9
12.0	9.77	23.0
15.0	12.21	14.7

η	LED
Efficiency	80 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	28 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	18.4
UGR C90/C270	18.4
CIE Flux Codes	92 100 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RTR 22_CH-SW, 1xLED 28W 830/3000K 2110lm 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

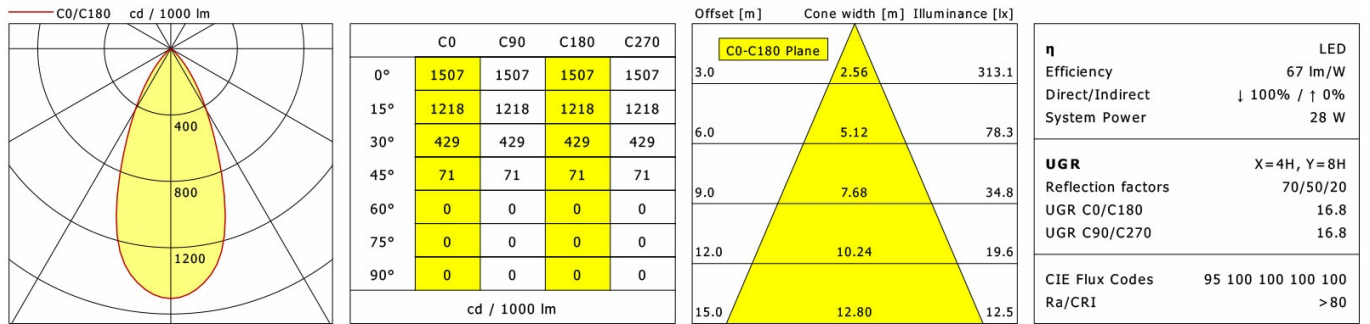
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.43	354.7
6.0	4.87	88.7
9.0	7.30	39.4
12.0	9.74	22.2
15.0	12.17	14.2

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	18.1
UGR C90/C270	18.1
CIE Flux Codes	93 100 100 100 100
Ra/CRI	>80

LTS

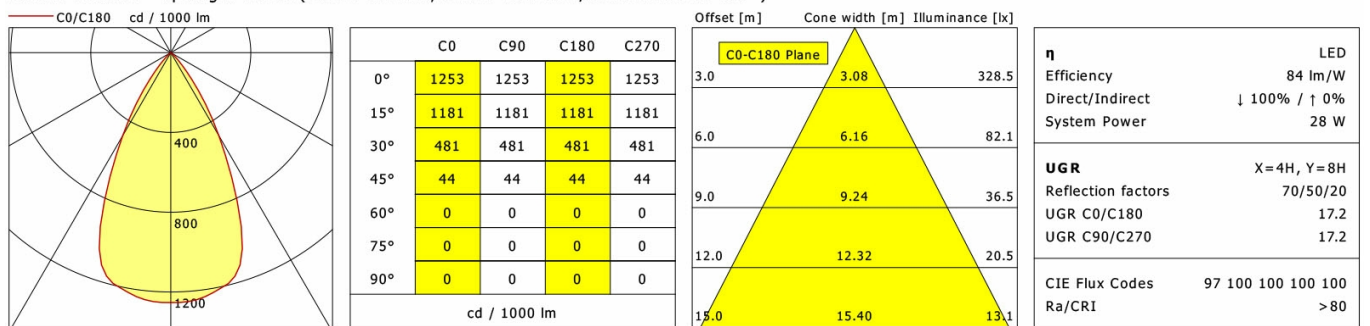
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Dallton Medium - Spotlight Insert (DAL-M-RTR 22_SW-MATT, 1xLED 28W 830/3000K 1870lm 50 °)



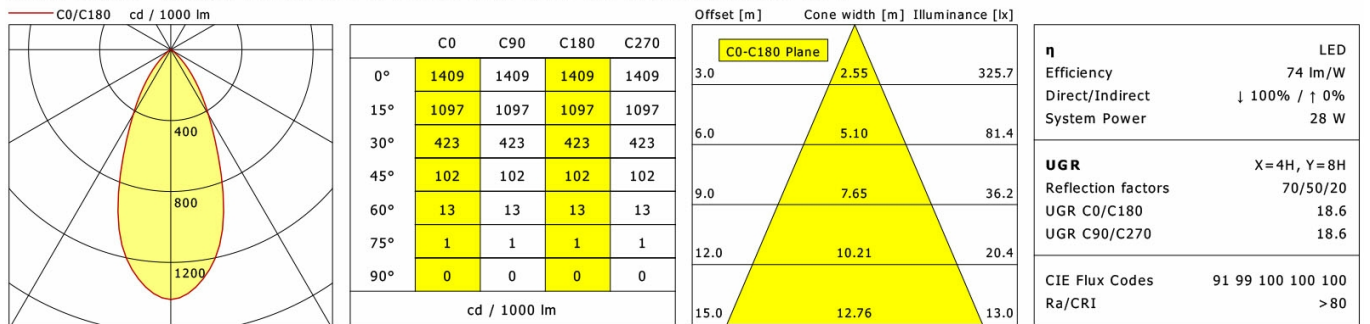
LTS

Dallton Medium - Spotlight Insert (DAL-M-RFR 22, 1xLED 28W 830/3000K 2360lm 50 °)



LTS

Dallton Medium - Spotlight Insert (DAL-M-RTR 22_SI-MATT, 1xLED 28W 830/3000K 2080lm 50 °)



LTS

Einbaustrahler · Dalton Medium System



DAL-M-LK 102.830.50/DALI

Zubehör



DAL-M-ZBW 12.22
Wabenraster



ZB-OR DONGLE
Organic Response IR-Dongle-Set



ZB-OR GATEWAY
Organic Response IoT-Gateway Kaskadenserie



ZB-OR-R SENSOR
Organic Response Sensor für Einbaumontage