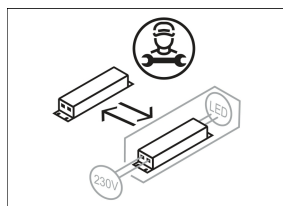
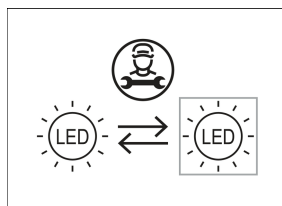


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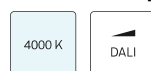
Farbe	Artikelnummer	EAN
silber	660987	4043544698049



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

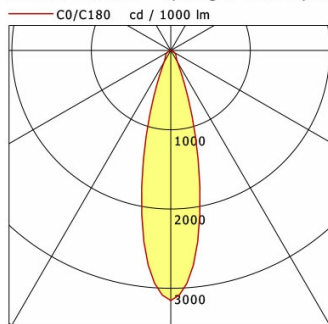
Leuchtmittel	LED Spot / CRI 80 / 3000 K
EPREL Lichtquellen	848117
Lebensdauer	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
Systemleistung	21.0 W
Leuchten-Lichtstrom	max. 1610 lm
Systemeffizienz	69.52 lm/W
Moduleffizienz	156.64 lm/W
UGR Klasse	≤16
Abstrahlwinkel	20°
Versorgungsspannung	220 - 240 V / 50 - 60 Hz
Schutzklasse	III
Schutzart	IP20

Abmessungen / Gewichte

Außendurchmesser	101 mm
Höhe	121 mm
Einbautiefe	170 mm
Durchmesser Lichtkopf	101 mm
Nettogewicht	0.83 kg
Bruttogewicht	0.87 kg

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Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_WS-MATT, 1xLED 21W 830/3000K 1460lm 20 °)



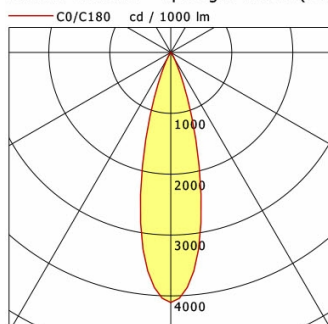
	C0	C90	C180	C270
0°	3154	3154	3154	3154
15°	1271	1271	1271	1271
30°	169	169	169	169
45°	93	93	93	93
60°	51	51	51	51
75°	8	8	8	8
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.40	511.6
6.0	2.80	127.9
9.0	4.19	56.8
12.0	5.59	32.0
15.0	6.99	20.5

η	LED
Efficiency	70 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	19.0
UGR C90/C270	19.0
CIE Flux Codes	83 96 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RTR 22_SW-MATT, 1xLED 21W 830/3000K 1220lm 20 °)



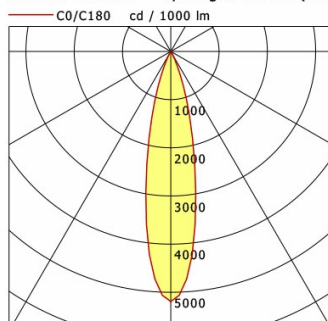
	C0	C90	C180	C270
0°	4109	4109	4109	4109
15°	1698	1698	1698	1698
30°	116	116	116	116
45°	18	18	18	18
60°	0	0	0	0
75°	0	0	0	0
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.43	557.0
6.0	2.87	139.2
9.0	4.30	61.9
12.0	5.74	34.8
15.0	7.17	22.3

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	<10.0
UGR C90/C270	<10.0
CIE Flux Codes	99 100 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RFR 22, 1xLED 21W 830/3000K 1520lm 20 °)



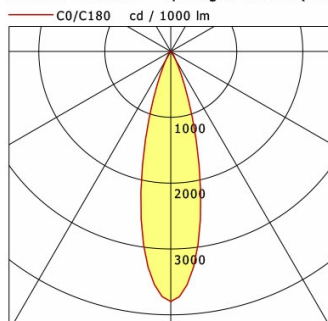
	C0	C90	C180	C270
0°	5191	5191	5191	5191
15°	1634	1634	1634	1634
30°	71	71	71	71
45°	12	12	12	12
60°	0	0	0	0
75°	0	0	0	0
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.20	876.7
6.0	2.40	219.2
9.0	3.60	97.4
12.0	4.80	54.8
15.0	6.00	35.1

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	<10.0
UGR C90/C270	<10.0
CIE Flux Codes	99 100 100 100 100
Ra/CRI	>80

LTS

Dallton Medium - Spotlight Insert (DAL-M-RTR 22_CH, 1xLED 21W 830/3000K 1610lm 20 °)



	C0	C90	C180	C270
0°	3798	3798	3798	3798
15°	1576	1576	1576	1576
30°	151	151	151	151
45°	44	44	44	44
60°	4	4	4	4
75°	0	0	0	0
90°	0	0	0	0

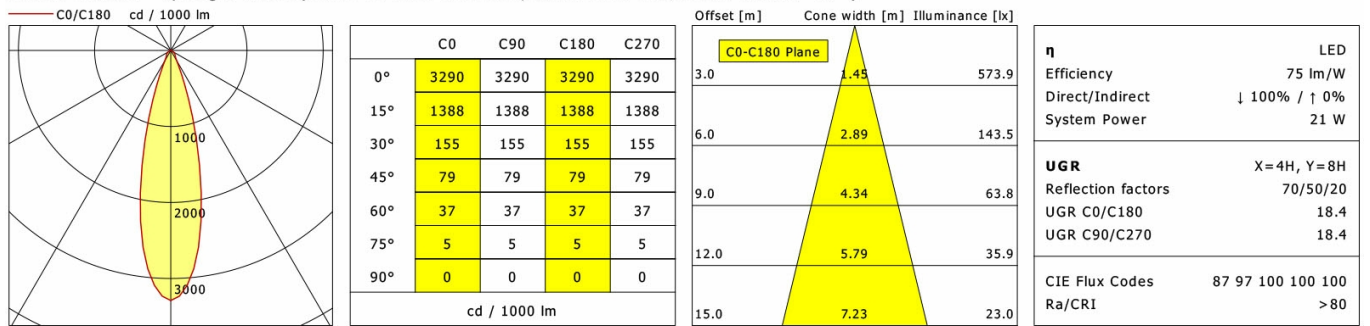
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.43	679.4
6.0	2.86	169.8
9.0	4.28	75.5
12.0	5.71	42.5
15.0	7.14	27.2

η	LED
Efficiency	77 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	11.3
UGR C90/C270	11.3
CIE Flux Codes	96 100 100 100 100
Ra/CRI	>80

LTS

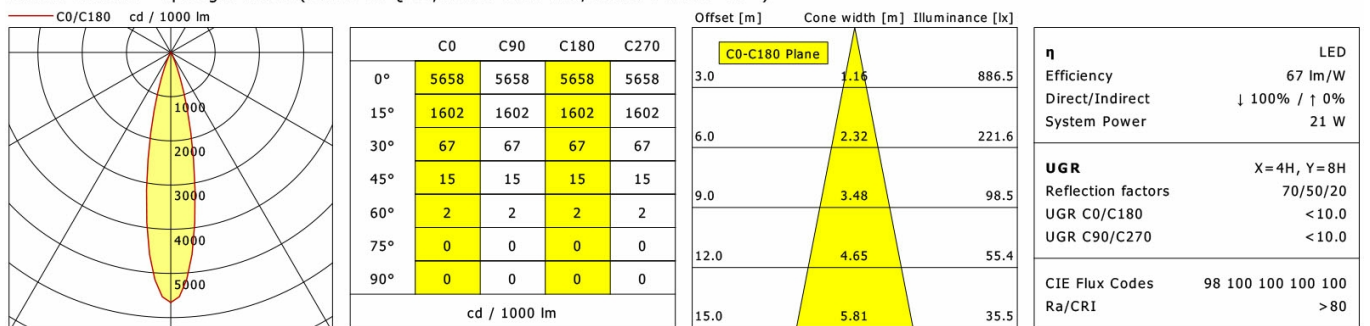
DAL-M-LK 101.830.20

Dallton Medium - Spotlight Insert (DAL-M-RTR 22_WS-MATT, 1xLED 21W 830/3000K 1570lm 20 °)



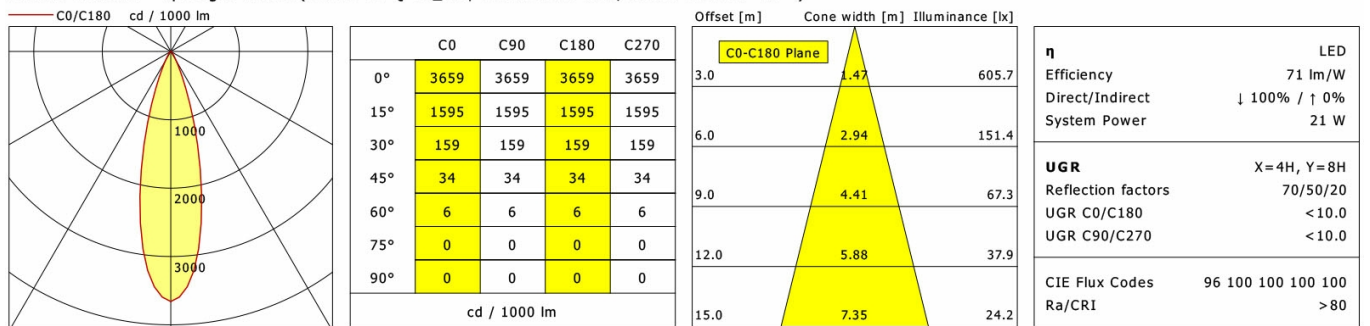
LTS

Dallton Medium - Spotlight Insert (DAL-M-RFQ 12, 1xLED 21W 830/3000K 1410lm 20 °)



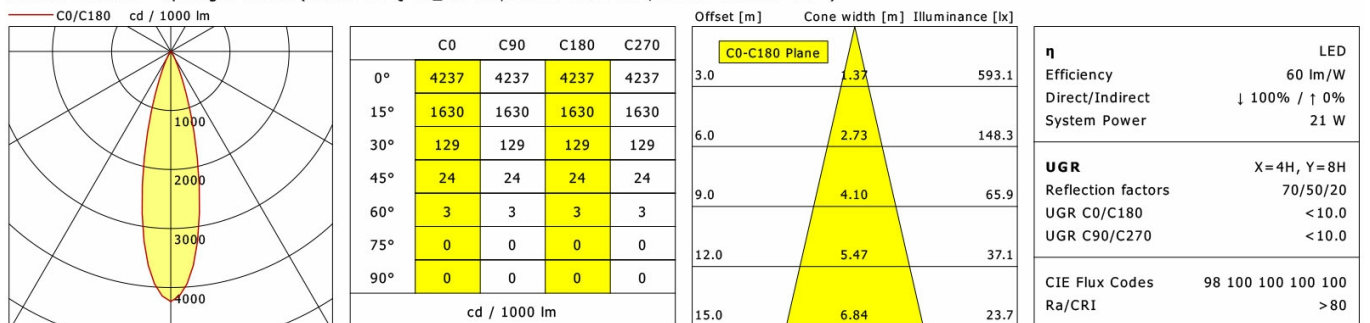
LTS

Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_CH, 1xLED 21W 830/3000K 1490lm 20 °)



LTS

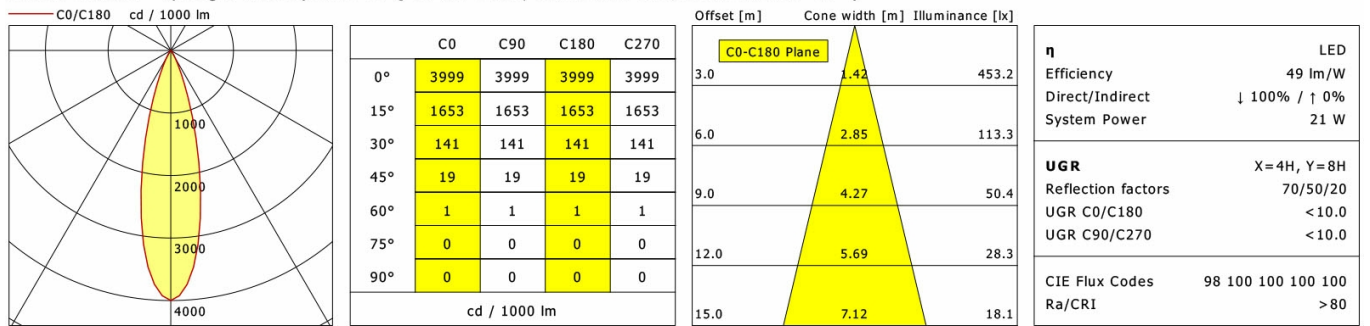
Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_CH-SW, 1xLED 21W 830/3000K 1260lm 20 °)



LTS

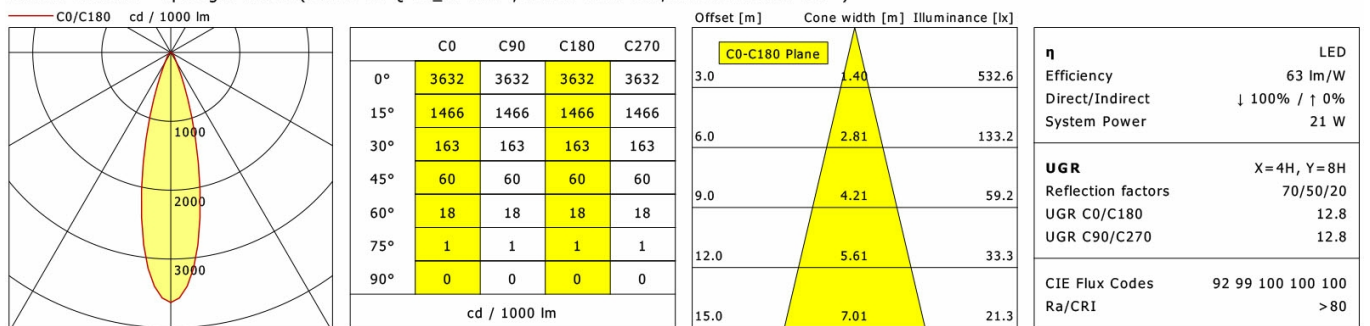
DAL-M-LK 101.830.20

Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_SW-MATT, 1xLED 21W 830/3000K 1020lm 20 °)



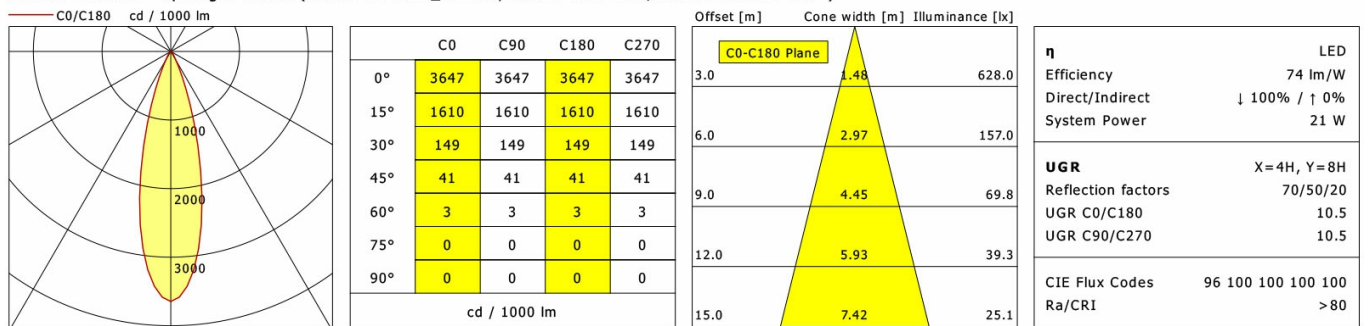
LTS

Dallton Medium - Spotlight Insert (DAL-M-RTQ 12_SI-MATT, 1xLED 21W 830/3000K 1320lm 20 °)



LTS

Dallton Medium - Spotlight Insert (DAL-M-RTR 22_CH-SW, 1xLED 21W 830/3000K 1550lm 20 °)



LTS

Einbaustrahler · Dalton Medium System

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Zubehör



DAL-M-ZBW 12.22
Wabenraster

