

DAL-L-LK 102.840.20/DALI



Farbe	Artikelnummer	EAN
silber	660976	4043544697936



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
- Sicherung mit Fangseil
- 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 / 4000 K
EPREL Lichtquellen	851282
Lebensdauer	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
Systemleistung	43.0 W
Leuchten-Lichtstrom	max. 3640 lm
Systemeffizienz	78.83 lm/W
Moduleffizienz	162.17 lm/W
UGR Klasse	≤16
Abstrahlwinkel	20°
Versorgungsspannung	220 - 240 V / 50 - 60 Hz
Schutzklasse	III
Schutzart	IP20

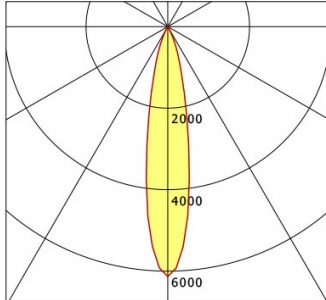
Abmessungen / Gewichte

Außendurchmesser	124 mm
Höhe	149 mm
Einbautiefe	200 mm
Durchmesser Lichtkopf	124 mm
Nettogewicht	1.35 kg
Bruttogewicht	1.42 kg

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Dallton Large - Spotlight Insert (DAL-L-RFR 23, 1xLED 43W 840/4000K 3390lm 20 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	6132	6132	6132	6132
15°	1430	1430	1430	1430
30°	69	69	69	69
45°	16	16	16	16
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]

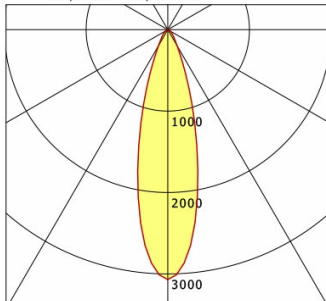
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.03	2309.7
6.0	2.05	577.4
9.0	3.08	256.6
12.0	4.10	144.4
15.0	5.13	92.4

η	LED
Efficiency	79 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	43 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 Large - Spotlight Insert (DAL-L-RTQ 13_SI-MATT, 1xLED 43W 840/4000K 3070lm 20 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	3069	3069	3069	3069
15°	1329	1329	1329	1329
30°	226	226	226	226
45°	79	79	79	79
60°	20	20	20	20
75°	1	1	1	1
90°	0	0	0	0

cd / 1000 lm

Offset [m] Cone width [m] Illuminance [lx]

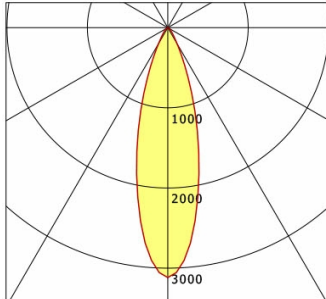
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.45	1046.8
6.0	2.90	261.7
9.0	4.36	116.3
12.0	5.81	65.4
15.0	7.26	41.9

η	LED
Efficiency	72 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	43 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	16.0
UGR C90/C270	16.0
CIE Flux Codes	90 99 100 100 100
Ra/CRI	>80

LTS

Dallton Large - Spotlight Insert (DAL-L-RTR 23_CH, 1xLED 43W 840/4000K 3600lm 20 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	3117	3117	3117	3117
15°	1459	1459	1459	1459
30°	229	229	229	229
45°	56	56	56	56
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]

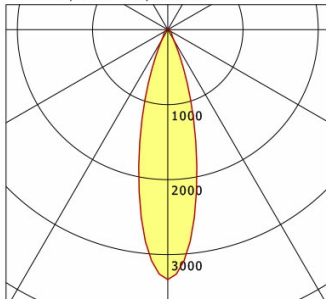
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.53	1246.7
6.0	3.05	311.7
9.0	4.58	138.5
12.0	6.10	77.9
15.0	7.63	49.9

η	LED
Efficiency	84 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	43 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	14.3
UGR C90/C270	14.3
CIE Flux Codes	95 100 100 100 100
Ra/CRI	>80

LTS

Dallton Large - Spotlight Insert (DAL-L-RTR 23_WS-MATT, 1xLED 43W 840/4000K 3640lm 20 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	3333	3333	3333	3333
15°	1388	1388	1388	1388
30°	160	160	160	160
45°	72	72	72	72
60°	33	33	33	33
75°	6	6	6	6
90°	0	0	0	0

cd / 1000 lm

Offset [m] Cone width [m] Illuminance [lx]

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.41	1347.9
6.0	2.82	337.0
9.0	4.23	149.8
12.0	5.63	84.2
15.0	7.04	53.9

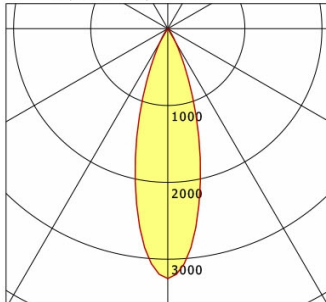
η	LED
Efficiency	85 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	43 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	19.6
UGR C90/C270	19.6
CIE Flux Codes	88 97 100 100 100
Ra/CRI	>80

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Dallton Large - Spotlight Insert (DAL-L-RTR 23_SW-MATT, 1xLED 43W 840/4000K 2710lm 20 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	3252	3252	3252	3252
15°	1598	1598	1598	1598
30°	202	202	202	202
45°	24	24	24	24
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]

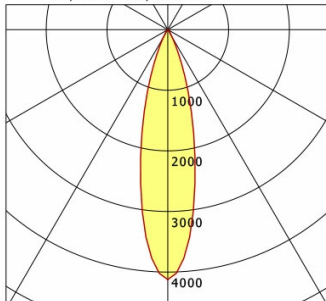
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.59	979.2
6.0	3.17	244.8
9.0	4.76	108.8
12.0	6.34	61.2
15.0	7.93	39.2

η	LED
Efficiency	63 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	43 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 Large - Spotlight Insert (DAL-L-RTR 23_CH-SW, 1xLED 43W 840/4000K 3500lm 20 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	4123	4123	4123	4123
15°	1576	1576	1576	1576
30°	142	142	142	142
45°	34	34	34	34
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]

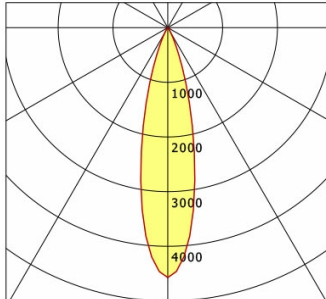
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.32	1603.4
6.0	2.65	400.9
9.0	3.97	178.2
12.0	5.30	100.2
15.0	6.62	64.1

η	LED
Efficiency	82 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	43 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	10.6
UGR C90/C270	10.6
CIE Flux Codes	97 100 100 100 100
Ra/CRI	>80

LTS

Dallton Large - Spotlight Insert (DAL-L-RTQ 13_SW-MATT, 1xLED 43W 840/4000K 2420lm 20 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	4571	4571	4571	4571
15°	1630	1630	1630	1630
30°	118	118	118	118
45°	17	17	17	17
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]

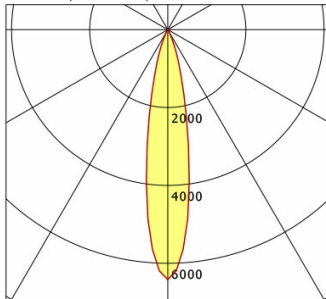
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.29	1229.2
6.0	2.59	307.3
9.0	3.88	136.6
12.0	5.18	76.8
15.0	6.47	49.2

η	LED
Efficiency	56 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	43 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 Large - Spotlight Insert (DAL-L-RFQ 13, 1xLED 43W 840/4000K 3200lm 20 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	6417	6417	6417	6417
15°	1440	1440	1440	1440
30°	57	57	57	57
45°	19	19	19	19
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]

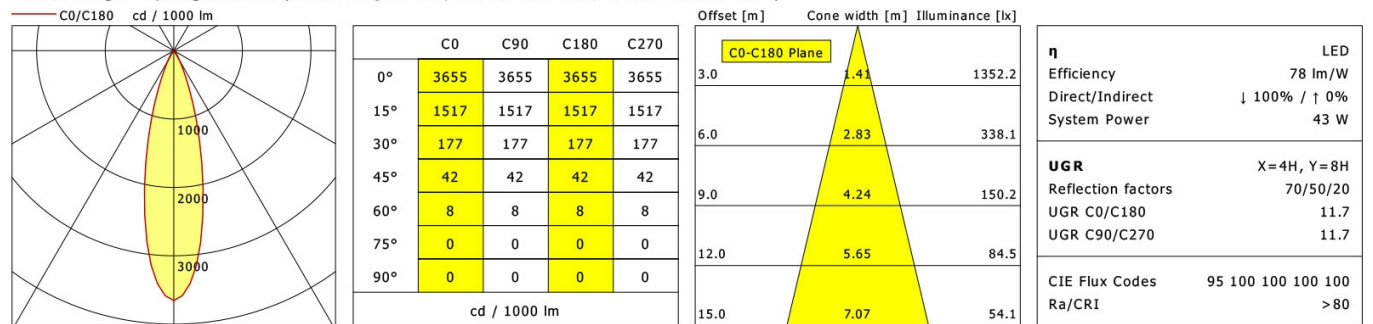
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.02	2281.7
6.0	2.04	570.4
9.0	3.06	253.5
12.0	4.08	142.6
15.0	5.11	91.3

η	LED
Efficiency	75 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	43 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

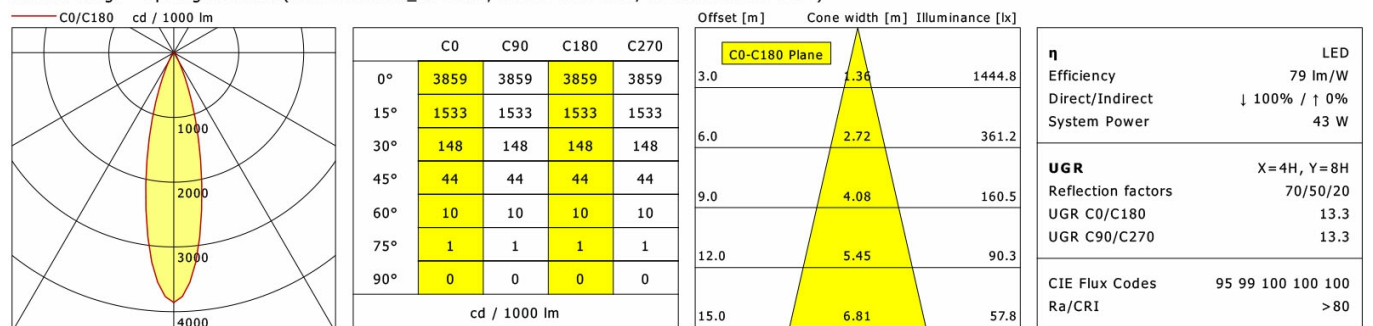
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Dallton Large - Spotlight Insert (DAL-L-RTQ 13_CH, 1xLED 43W 840/4000K 3330lm 20 °)



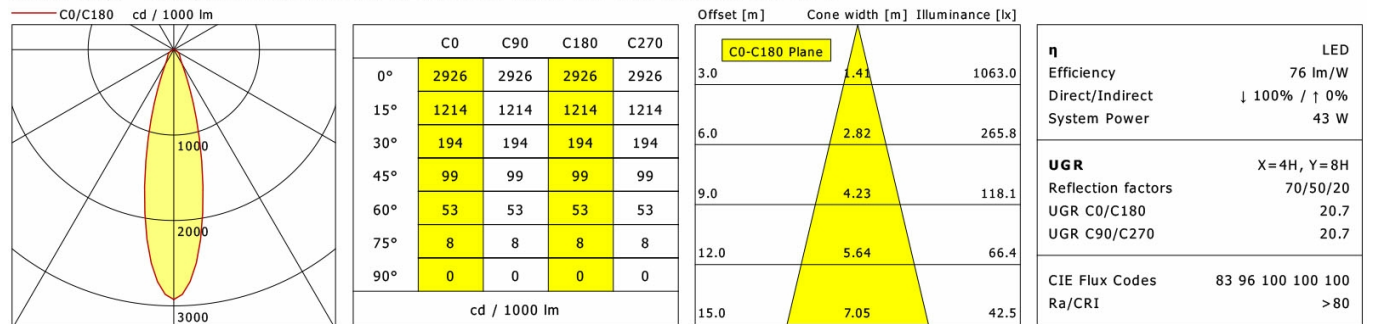
LTS

Dallton Large - Spotlight Insert (DAL-L-RTR 23_SI-MATT, 1xLED 43W 840/4000K 3370lm 20 °)



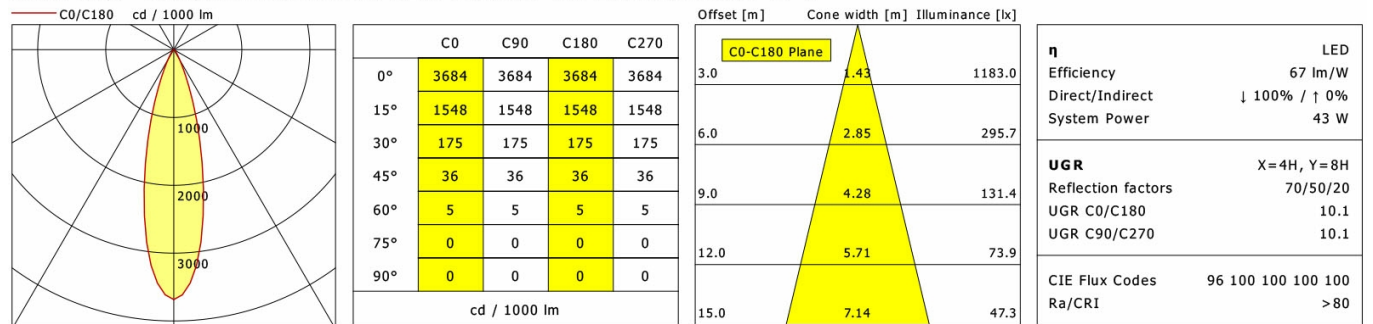
LTS

Dallton Large - Spotlight Insert (DAL-L-RTQ 13_WS-MATT, 1xLED 43W 840/4000K 3270lm 20 °)



LTS

Dallton Large - Spotlight Insert (DAL-L-RTQ 13_CH-SW, 1xLED 43W 840/4000K 2890lm 20 °)



LTS

Einbaustrahler · Dalton Large System



DAL-L-LK 102.840.20/DALI

Zubehör



DAL-L-ZBW 13.23
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