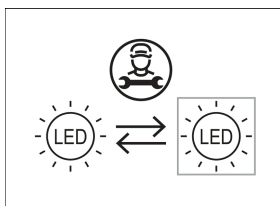


DAL-L-LK 102.830.35



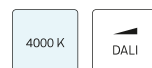
Farbe	Artikelnummer	EAN
silber	660971	4043544697882



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) inklusive (Platzierung extern)

Standardoptionen



Sonderoptionen



Lichttechnik / Normen

Leuchtmittel	LED Spot / CRI 80 / 3000 K
EPREL Lichtquellen	851239
Lebensdauer	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
Systemleistung	43.0 W
Leuchten-Lichtstrom	max. 3280 lm
Systemeffizienz	64.88 lm/W
Moduleffizienz	158.91 lm/W
UGR Klasse	≤16
Abstrahlwinkel	35°
Versorgungsspannung	220 - 240 V / 50 - 60 Hz
Schutzklasse	III
Schutzart	IP20

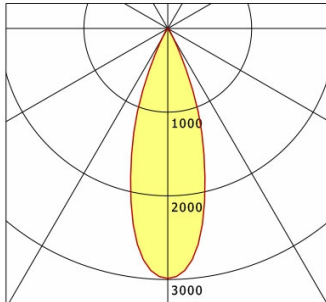
Abmessungen / Gewichte

Außendurchmesser	124 mm
Höhe	149 mm
Einbautiefe	200 mm
Durchmesser Lichtkopf	124 mm
Nettogewicht	1.33 kg
Bruttogewicht	1.40 kg

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Dallton Large - Spotlight Insert (DAL-L-RFQ 13, 1xLED 43W 830/3000K 2790lm 35 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	2988	2988	2988	2988
15°	1696	1696	1696	1696
30°	129	129	129	129
45°	23	23	23	23
60°	2	2	2	2
75°	1	1	1	1
90°	0	0	0	0

cd / 1000 lm

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

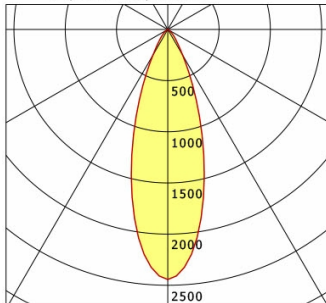
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.79	926.2
6.0	3.57	231.6
9.0	5.36	102.9
12.0	7.15	57.9
15.0	8.94	37.0

η	LED
Efficiency	65 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, 1xLED 43W 830/3000K 3230lm 35 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	2444	2444	2444	2444
15°	1371	1371	1371	1371
30°	290	290	290	290
45°	66	66	66	66
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]

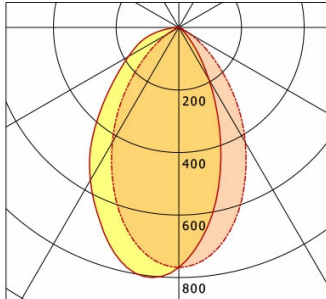
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.78	877.0
6.0	3.56	219.3
9.0	5.34	97.4
12.0	7.12	54.8
15.0	8.90	35.1

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	15.4
UGR C90/C270	15.4
CIE Flux Codes	95 100 100 100 100
Ra/CRI	>80

LTS

Dallton Large - Spotlight Insert (DAL-L-RWR 23, 1xLED 43W 830/3000K 1750lm 35 °)

C0/C180 cd / 1000 lm C90/C270



	C0	C90	C180	C270
0°	768	768	768	768
15°	503	659	760	659
30°	193	424	565	424
45°	38	190	339	190
60°	5	42	185	42
75°	1	4	94	4
90°	0	0	0	0

cd / 1000 lm

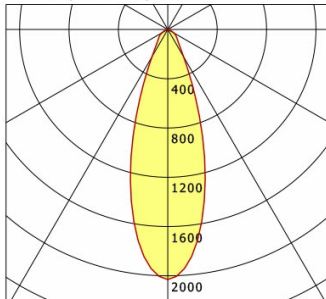
LDC unsuitable for cone representation.
Asymmetric LDC.

η	LED
Efficiency	41 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	43 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	11.9
UGR C90/C270	23.1
CIE Flux Codes	70 91 98 100 100
Ra/CRI	>80

LTS

Dallton Large - Spotlight Insert (DAL-L-RTQ 13_WS-MATT, 1xLED 43W 830/3000K 2910lm 35 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	2030	2030	2030	2030
15°	1167	1167	1167	1167
30°	255	255	255	255
45°	107	107	107	107
60°	56	56	56	56
75°	8	8	8	8
90°	0	0	0	0

cd / 1000 lm

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

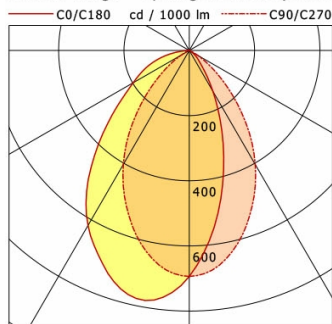
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.81	656.3
6.0	3.61	164.1
9.0	5.42	72.9
12.0	7.23	41.0
15.0	9.03	26.3

η	LED
Efficiency	68 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	43 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.7
UGR C90/C270	20.7
CIE Flux Codes	82 95 100 100 100
Ra/CRI	>80

LTS

DAL-L-LK 102.830.35

Dallton Large - Spotlight Insert (DAL-L-RWQ 13, 1xLED 43W 830/3000K 1590lm 35 °)



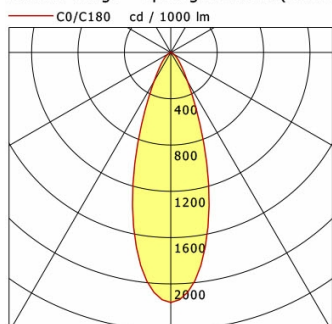
	C0	C90	C180	C270
0°	694	694	694	694
15°	402	601	768	601
30°	145	404	620	404
45°	37	177	385	177
60°	6	29	199	29
75°	1	3	95	3
90°	0	0	0	0

 LDC unsuitable for cone representation.
 Asymmetric LDC.

η	LED
Efficiency	37 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	22.2
CIE Flux Codes	67 90 98 100 100
Ra/CRI	>80

LTS

Dallton Large - Spotlight Insert (DAL-L-RTQ 13_SI-MATT, 1xLED 43W 830/3000K 2720lm 35 °)



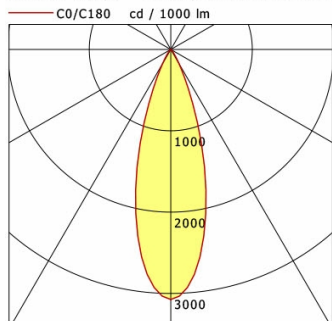
	C0	C90	C180	C270
0°	2161	2161	2161	2161
15°	1275	1275	1275	1275
30°	289	289	289	289
45°	89	89	89	89
60°	23	23	23	23
75°	1	1	1	1
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.85	653.1
6.0	3.70	163.3
9.0	5.55	72.6
12.0	7.40	40.8
15.0	9.24	26.1

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	16.5
UGR C90/C270	16.5
CIE Flux Codes	89 99 100 100 100
Ra/CRI	>80

LTS

Dallton Large - Spotlight Insert (DAL-L-RTQ 13_SW-MATT, 1xLED 43W 830/3000K 2070lm 35 °)



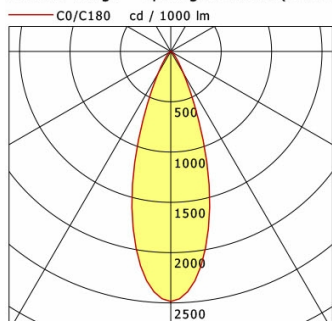
	C0	C90	C180	C270
0°	3074	3074	3074	3074
15°	1642	1642	1642	1642
30°	201	201	201	201
45°	20	20	20	20
60°	0	0	0	0
75°	0	0	0	0
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.69	707.1
6.0	3.38	176.8
9.0	5.07	78.6
12.0	6.76	44.2
15.0	8.45	28.3

η	LED
Efficiency	48 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_CH, 1xLED 43W 830/3000K 2960lm 35 °)



	C0	C90	C180	C270
0°	2486	2486	2486	2486
15°	1489	1489	1489	1489
30°	251	251	251	251
45°	50	50	50	50
60°	9	9	9	9
75°	0	0	0	0
90°	0	0	0	0

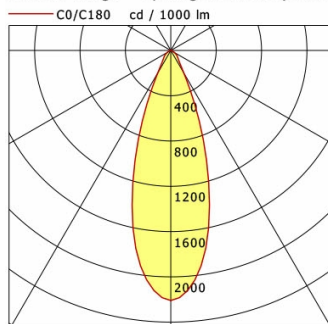
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.86	817.6
6.0	3.72	204.4
9.0	5.58	90.8
12.0	7.44	51.1
15.0	9.30	32.7

η	LED
Efficiency	69 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	43 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	12.9
UGR C90/C270	12.9
CIE Flux Codes	95 100 100 100 100
Ra/CRI	>80

LTS

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Dallton Large - Spotlight Insert (DAL-L-RTR 23_WS-MATT, 1xLED 43W 830/3000K 3280lm 35 °)



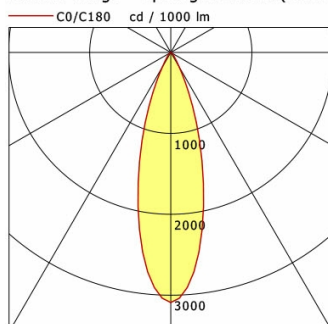
	C0	C90	C180	C270
0°	2209	2209	2209	2209
15°	1311	1311	1311	1311
30°	229	229	229	229
45°	85	85	85	85
60°	38	38	38	38
75°	7	7	7	7
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.85	805.1
6.0	3.69	201.3
9.0	5.54	89.5
12.0	7.39	50.3
15.0	9.24	32.2

η	LED
Efficiency	76 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	43 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.3
UGR C90/C270	20.3
CIE Flux Codes	86 97 100 100 100
Ra/CRI	>80

LTS

Dallton Large - Spotlight Insert (DAL-L-RTR 23_CH-SW, 1xLED 43W 830/3000K 3110lm 35 °)



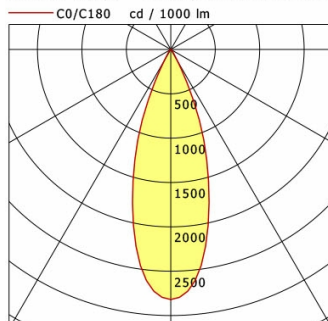
	C0	C90	C180	C270
0°	3090	3090	3090	3090
15°	1527	1527	1527	1527
30°	208	208	208	208
45°	41	41	41	41
60°	0	0	0	0
75°	0	0	0	0
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.59	1067.8
6.0	3.19	267.0
9.0	4.78	118.6
12.0	6.37	66.7
15.0	7.96	42.7

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	12.2
UGR C90/C270	12.2
CIE Flux Codes	97 100 100 100 100
Ra/CRI	>80

LTS

Dallton Large - Spotlight Insert (DAL-L-RFR 23, 1xLED 43W 830/3000K 2940lm 35 °)



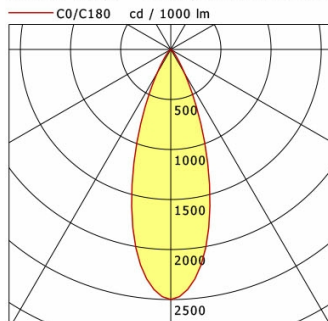
	C0	C90	C180	C270
0°	2819	2819	2819	2819
15°	1660	1660	1660	1660
30°	149	149	149	149
45°	21	21	21	21
60°	1	1	1	1
75°	1	1	1	1
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.85	921.0
6.0	3.70	230.2
9.0	5.54	102.3
12.0	7.39	57.6
15.0	9.24	36.8

η	LED
Efficiency	69 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_SW-MATT, 1xLED 43W 830/3000K 2370lm 35 °)



	C0	C90	C180	C270
0°	2500	2500	2500	2500
15°	1508	1508	1508	1508
30°	273	273	273	273
45°	31	31	31	31
60°	0	0	0	0
75°	0	0	0	0
90°	0	0	0	0

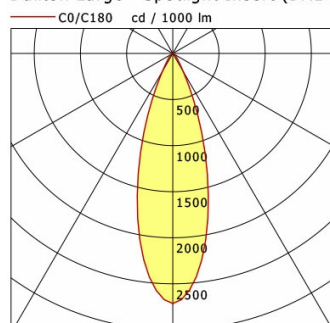
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.88	658.2
6.0	3.77	164.6
9.0	5.65	73.1
12.0	7.53	41.1
15.0	9.41	26.3

η	LED
Efficiency	55 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	43 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	11.6
UGR C90/C270	11.6
CIE Flux Codes	98 100 100 100 100
Ra/CRI	>80

LTS

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Dallton Large - Spotlight Insert (DAL-L-RTR 23_SI-MATT, 1xLED 43W 830/3000K 2970lm 35 °)



	C0	C90	C180	C270
0°	2714	2714	2714	2714
15°	1473	1473	1473	1473
30°	223	223	223	223
45°	53	53	53	53
60°	11	11	11	11
75°	1	1	1	1
90°	0	0	0	0

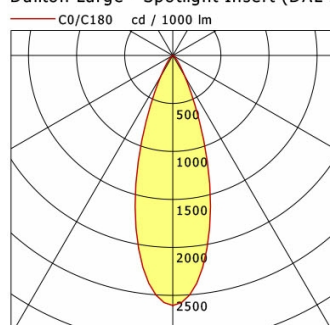
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.72	895.5
6.0	3.44	223.9
9.0	5.16	99.5
12.0	6.89	56.0
15.0	8.61	35.8

η	LED
Efficiency	69 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	43 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	14.4
UGR C90/C270	14.4
CIE Flux Codes	94 99 100 100 100
Ra/CRI	>80

LTS

Dallton Large - Spotlight Insert (DAL-L-RTQ 13_CH-SW, 1xLED 43W 830/3000K 2520lm 35 °)



	C0	C90	C180	C270
0°	2606	2606	2606	2606
15°	1508	1508	1508	1508
30°	250	250	250	250
45°	43	43	43	43
60°	6	6	6	6
75°	0	0	0	0
90°	0	0	0	0

cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.81	729.6
6.0	3.62	182.4
9.0	5.42	81.1
12.0	7.23	45.6
15.0	9.04	29.2

η	LED
Efficiency	59 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	43 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	11.4
UGR C90/C270	11.4
CIE Flux Codes	96 100 100 100 100
Ra/CRI	>80

LTS

Einbaustrahler · Dallton Large System

DAL-L-LK 102.830.35

Zubehör



DAL-L-ZBW 13.23
Wabenraster

