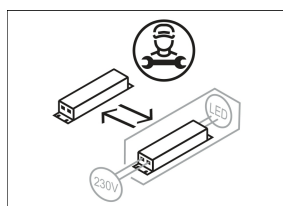
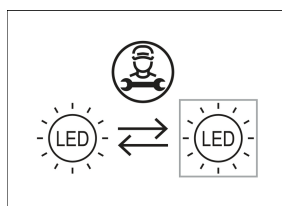


DAL-L-LK 102.830.35



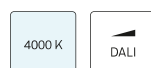
Colours	Article no.	EAN
silver	660971	4043544697882



Description

- light-head rotates through 355° and swivels through 30° by adjusting screw
- individual optics by standard recessed frame or trimless recessed frame and various front reflectors
- outstanding ease of maintenance
- no UV and thermal emissions
- securing with safety rope
- thermal management with passive cooling
- light-head and heat sink made from die-cast
- main reflector made from plastic
- black anti-glare ring made from polycarbonate for accommodating honeycomb louvre
- diffuser glass pane
- light-head snaps into mounting frame without tools
- connection to ballast via luminaire cable with Mini-Clamp connector
- ballast (LED converter) included (external placement)

Standard options



Special options



Lighting data / Norms

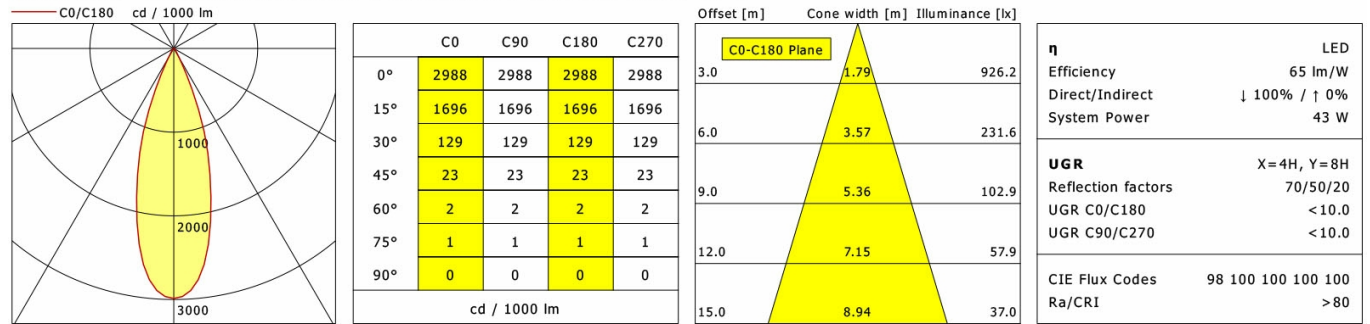
Lamps	LED Spot / CRI 80 / 3000 K
EPREL light sources	851239
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	43.0 W
Luminaire luminous flux	max. 3280 lm
System efficiency	64.88 lm/W
Module efficiency	158.91 lm/W
UGR class	≤16
Beam angle	35°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	III
Type of protection	IP20

Dimensions / Weights

Outer diameter	124 mm
Height	149 mm
Recessed depth	200 mm
Diameter of light head	124 mm
Net weight	1.33 kg
Gross weight	1.40 kg

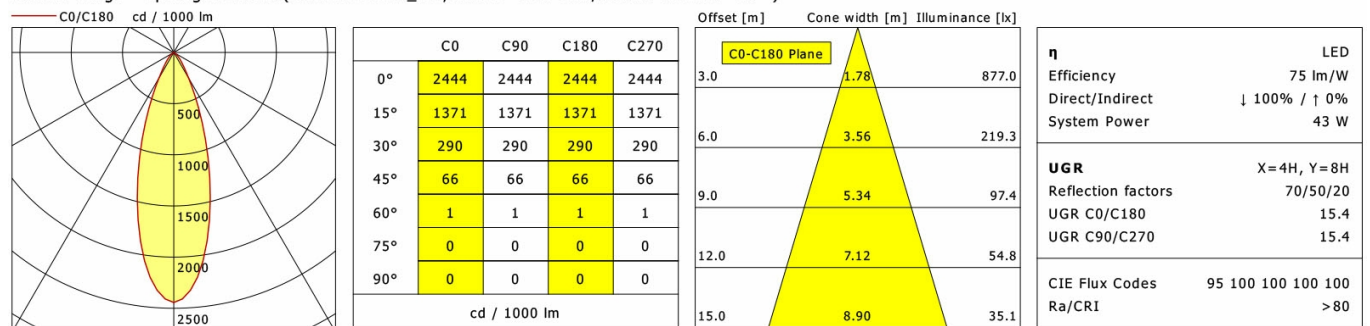
DAL-L-LK 102.830.35

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



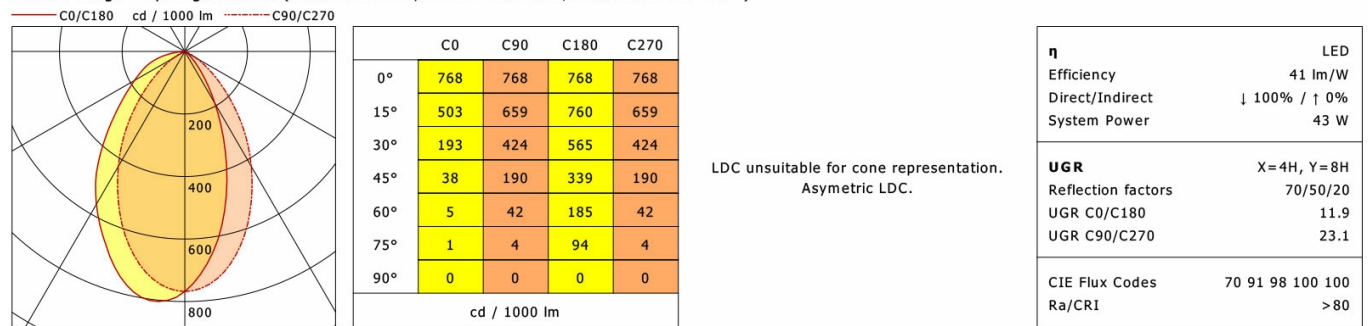
LTS

Dallton Large - Spotlight Insert (DAL-L-RTR 23_CH, 1xLED 43W 830/3000K 3230lm 35 °)



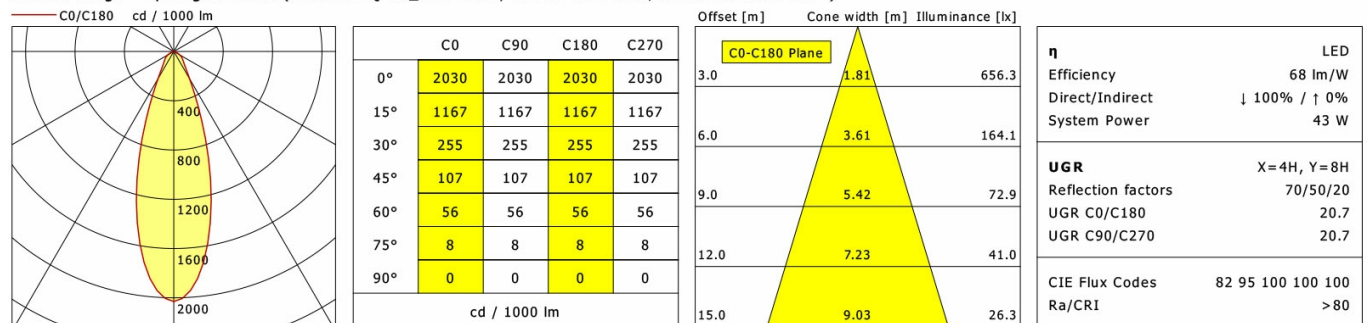
LTS

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



LTS

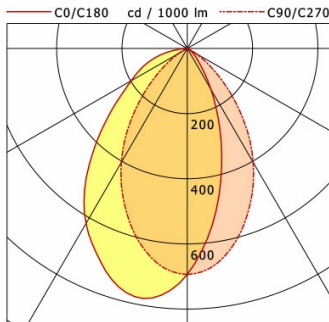
Dallton Large - Spotlight Insert (DAL-L-RTQ 13_WS-MATT, 1xLED 43W 830/3000K 2910lm 35 °)



LTS

DAL-L-LK 102.830.35

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



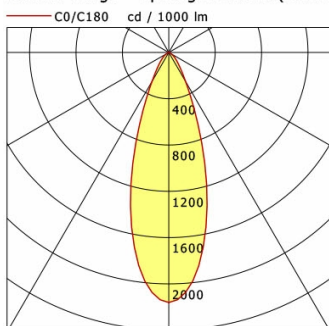
	C0	C90	C180	C270
0°	694	694	694	694
15°	402	601	768	601
30°	145	404	620	404
45°	37	177	385	177
60°	6	29	199	29
75°	1	3	95	3
90°	0	0	0	0

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 °)



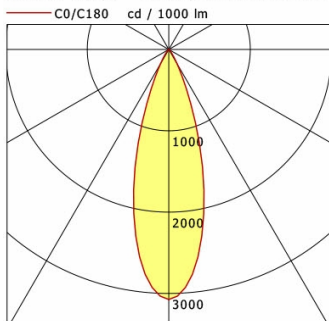
	C0	C90	C180	C270
0°	2161	2161	2161	2161
15°	1275	1275	1275	1275
30°	289	289	289	289
45°	89	89	89	89
60°	23	23	23	23
75°	1	1	1	1
90°	0	0	0	0

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 °)



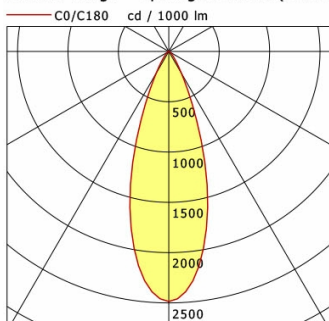
	C0	C90	C180	C270
0°	3074	3074	3074	3074
15°	1642	1642	1642	1642
30°	201	201	201	201
45°	20	20	20	20
60°	0	0	0	0
75°	0	0	0	0
90°	0	0	0	0

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

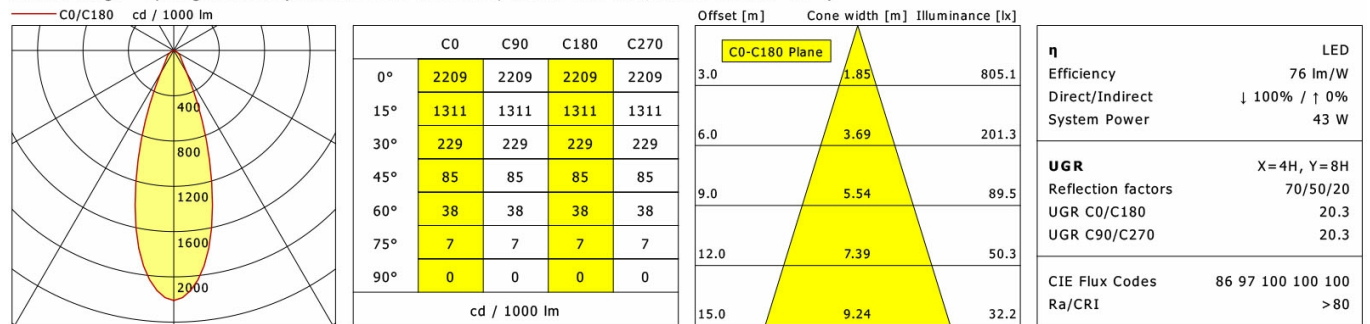
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.86	817.6
6.0	3.72	204.4
9.0	5.58	90.8
12.0	7.44	51.1
15.0	9.30	32.7

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

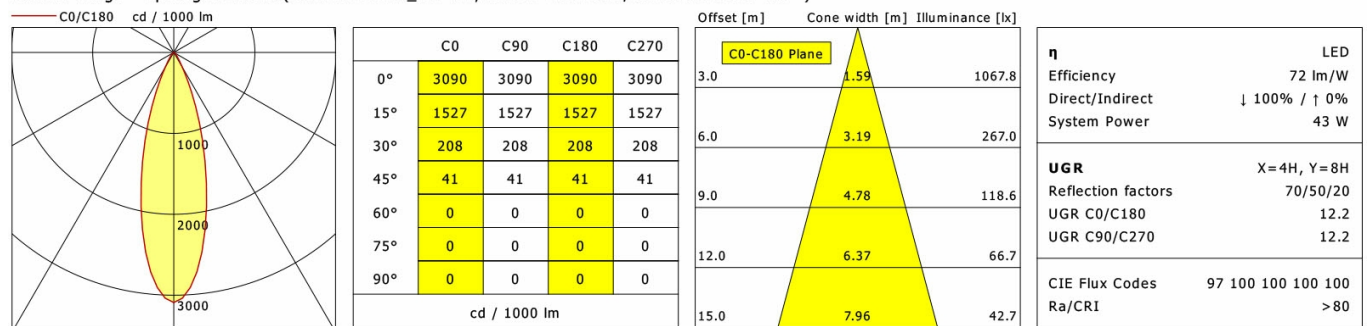
DAL-L-LK 102.830.35

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



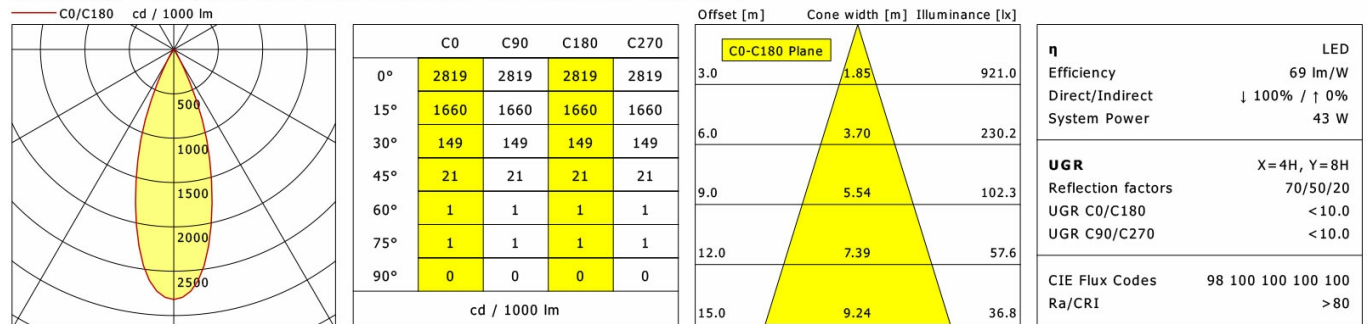
LTS

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



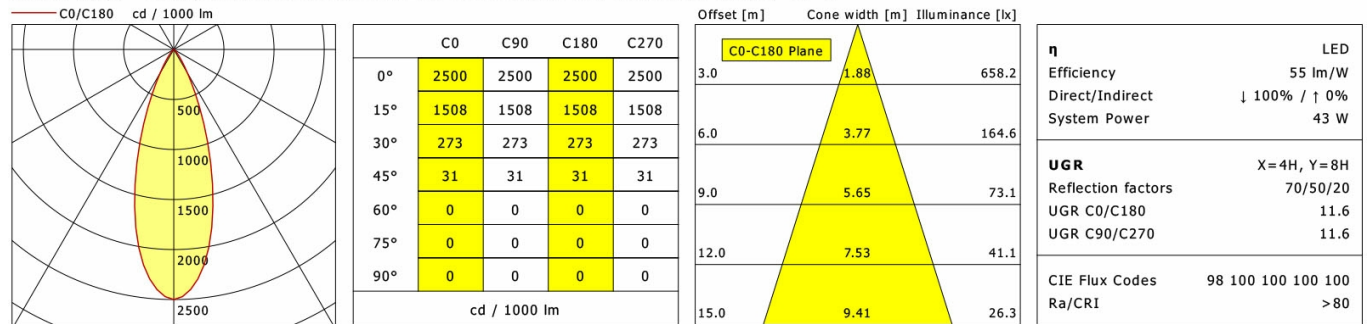
LTS

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



LTS

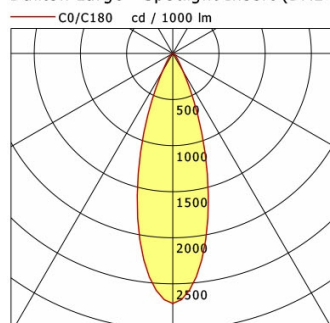
Dallton Large - Spotlight Insert (DAL-L-RTR 23_SW-MATT, 1xLED 43W 830/3000K 2370lm 35 °)



LTS

DAL-L-LK 102.830.35

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

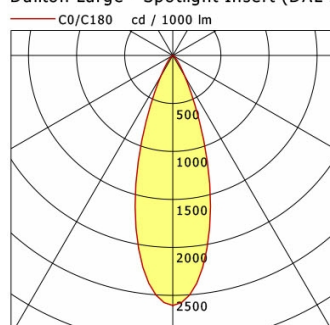
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.72	895.5
6.0	3.44	223.9
9.0	5.16	99.5
12.0	6.89	56.0
15.0	8.61	35.8

C0-C180 Plane

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

C0-C180 Plane

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

Recessed Spotlights · Dallton Large System



DAL-L-LK 102.830.35

Accessories



DAL-L-ZBW 13.23
honeycomb louvre