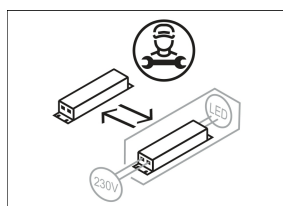
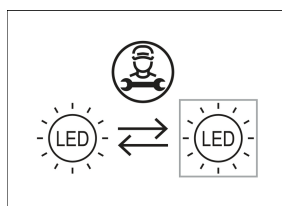


DAL-L-LK 102.840.20



Colours	Article no.	EAN
silver	660975	4043544697929



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

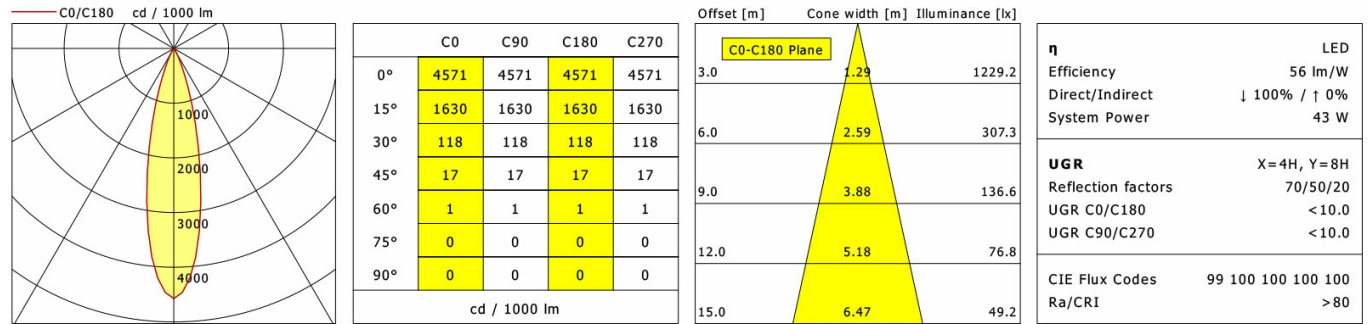
Lamps	LED Spot / CRI 80 / 4000 K
EPREL light sources	851282
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	43.0 W
Luminaire luminous flux	max. 3640 lm
System efficiency	56.27 lm/W
Module efficiency	162.17 lm/W
UGR class	≤16
Beam angle	20°
Supply voltage	220 - 240 V / 50 - 60 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

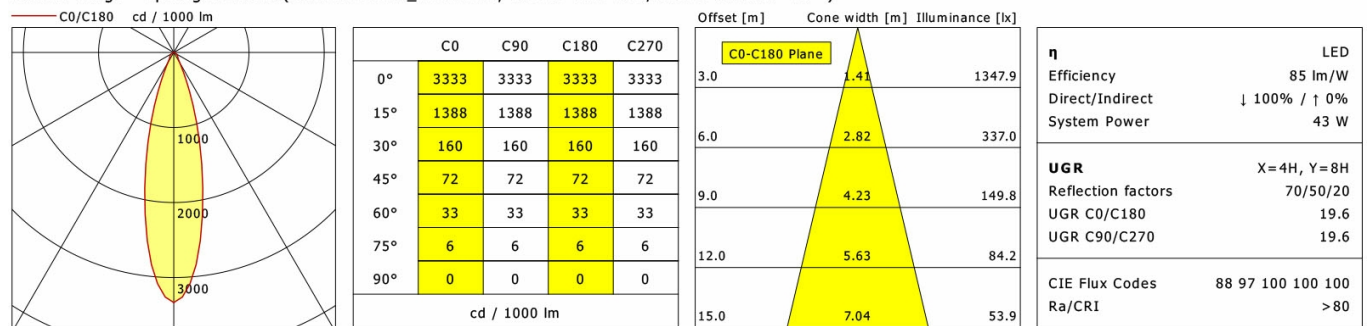
DAL-L-LK 102.840.20

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



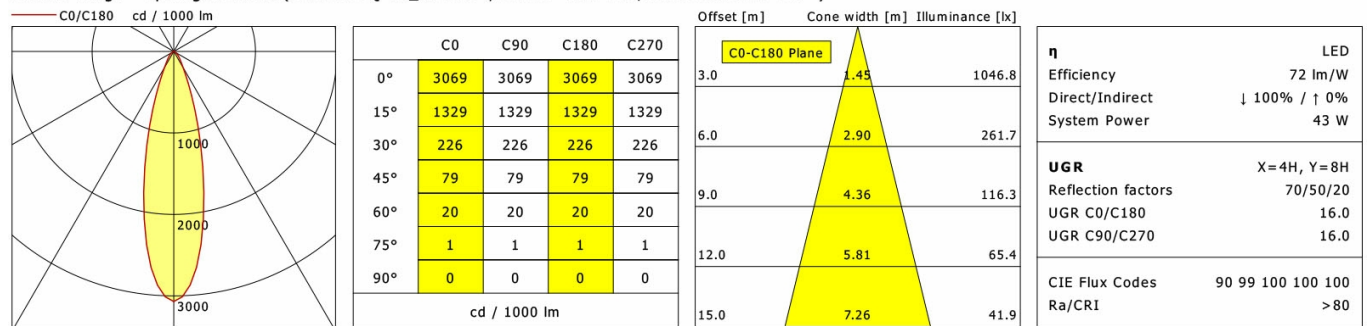
LTS

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



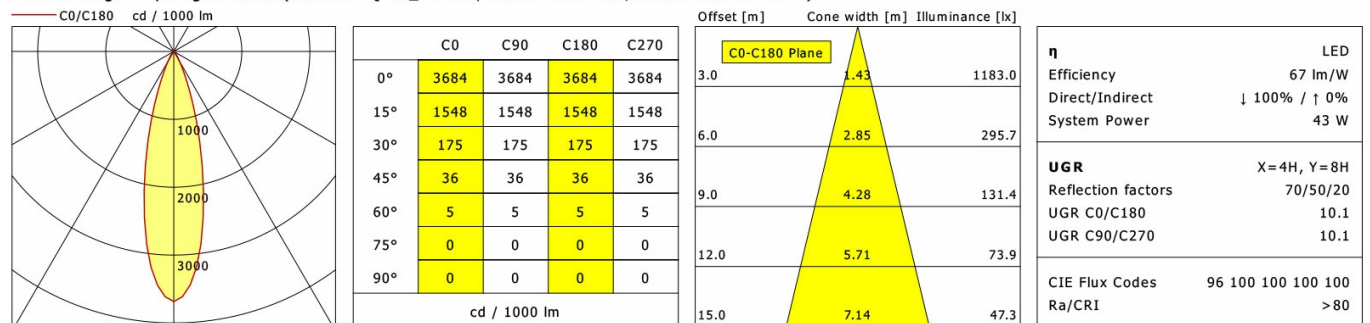
LTS

Dallton Large - Spotlight Insert (DAL-L-RTQ 13_SI-MATT, 1xLED 43W 840/4000K 3070lm 20 °)



LTS

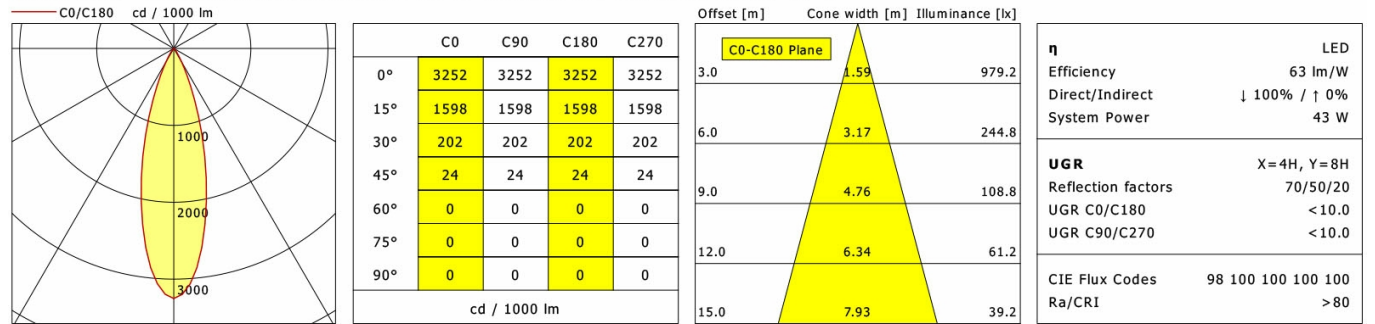
Dallton Large - Spotlight Insert (DAL-L-RTQ 13_CH-SW, 1xLED 43W 840/4000K 2890lm 20 °)



LTS

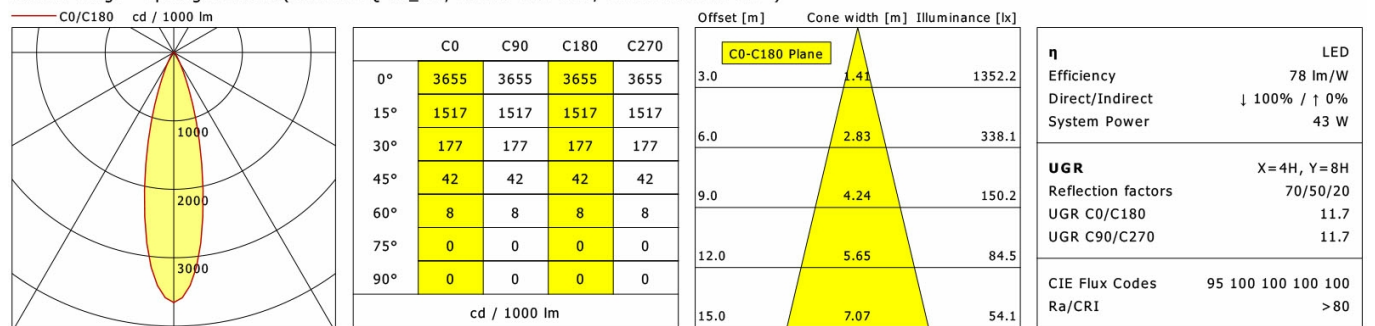
DAL-L-LK 102.840.20

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



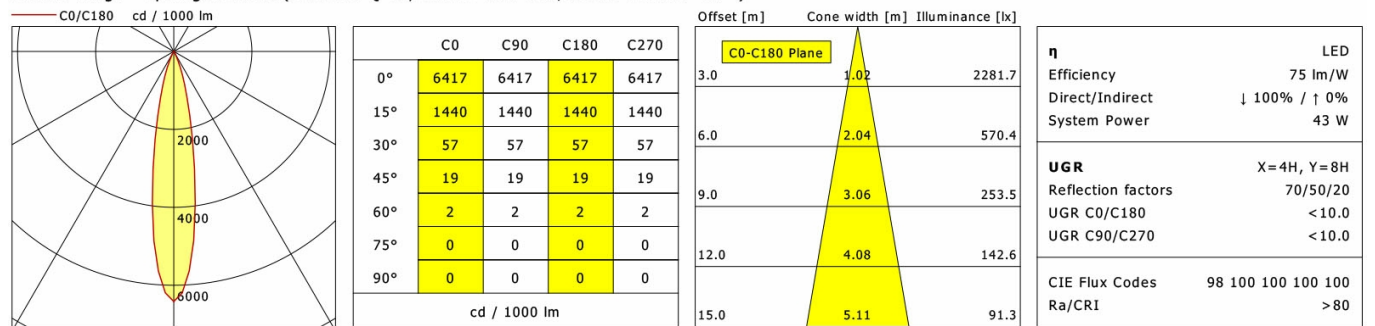
LTS

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



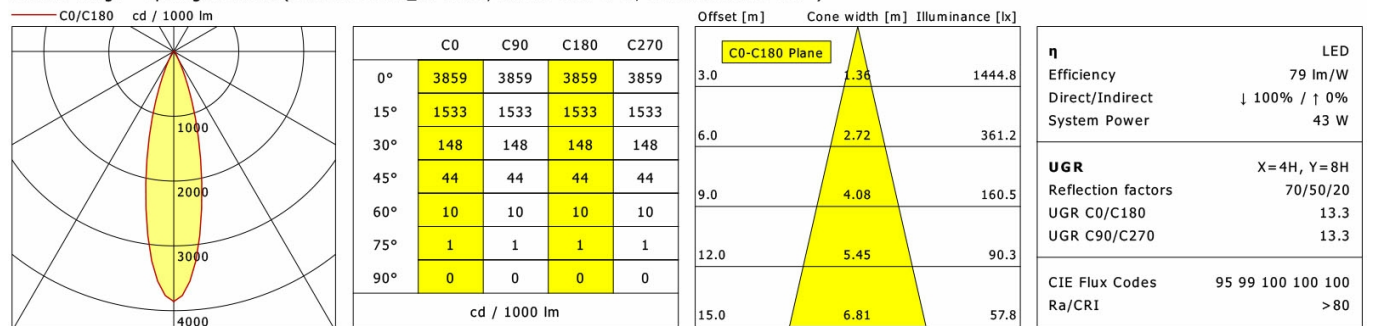
LTS

Dallton Large - Spotlight Insert (DAL-L-RFQ 13, 1xLED 43W 840/4000K 3200lm 20 °)



LTS

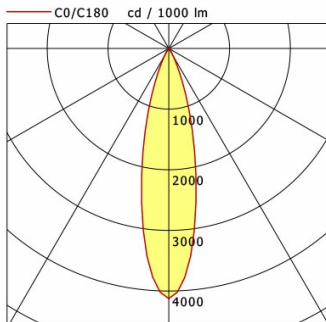
Dallton Large - Spotlight Insert (DAL-L-RTR 23_SI-MATT, 1xLED 43W 840/4000K 3370lm 20 °)



LTS

DAL-L-LK 102.840.20

Dallton Large - Spotlight Insert (DAL-L-RTR 23_CH-SW, 1xLED 43W 840/4000K 3500lm 20 °)



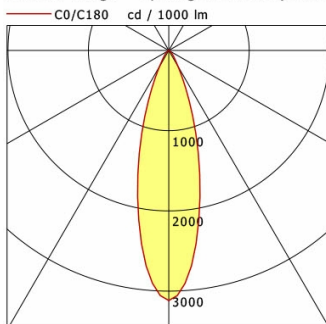
	C0	C90	C180	C270
0°	4123	4123	4123	4123
15°	1576	1576	1576	1576
30°	142	142	142	142
45°	34	34	34	34
60°	0	0	0	0
75°	0	0	0	0
90°	0	0	0	0

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-RTR 23_CH, 1xLED 43W 840/4000K 3600lm 20 °)



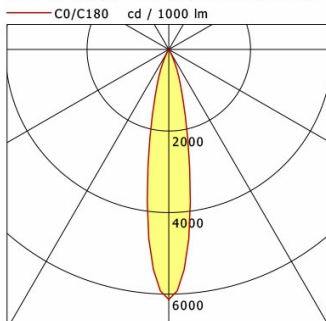
	C0	C90	C180	C270
0°	3117	3117	3117	3117
15°	1459	1459	1459	1459
30°	229	229	229	229
45°	56	56	56	56
60°	0	0	0	0
75°	0	0	0	0
90°	0	0	0	0

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-RFR 23, 1xLED 43W 840/4000K 3390lm 20 °)



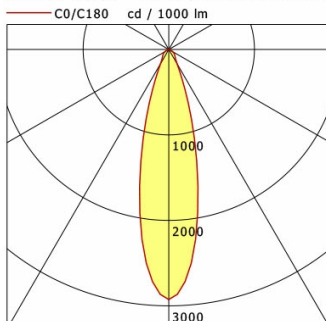
	C0	C90	C180	C270
0°	6132	6132	6132	6132
15°	1430	1430	1430	1430
30°	69	69	69	69
45°	16	16	16	16
60°	1	1	1	1
75°	0	0	0	0
90°	0	0	0	0

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_WS-MATT, 1xLED 43W 840/4000K 3270lm 20 °)



	C0	C90	C180	C270
0°	2926	2926	2926	2926
15°	1214	1214	1214	1214
30°	194	194	194	194
45°	99	99	99	99
60°	53	53	53	53
75°	8	8	8	8
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.41	1063.0
6.0	2.82	265.8
9.0	4.23	118.1
12.0	5.64	66.4
15.0	7.05	42.5

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	20.7
UGR C90/C270	20.7
CIE Flux Codes	83 96 100 100 100
Ra/CRI	>80

LTS

Recessed Spotlights · Dallton Large System



DAL-L-LK 102.840.20

Accessories



DAL-L-ZBW 13.23
honeycomb louvre