

DAL-L-LK 102.840.50/DALI



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 DALI, dimmable) included (external placement)

Standard options



Special options



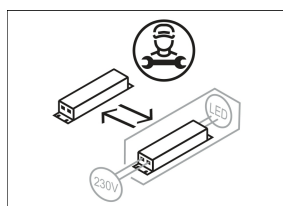
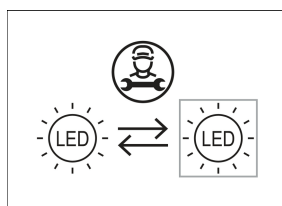
Lighting data / Norms

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. 3460 lm
System efficiency	76.97 lm/W
Module efficiency	162.17 lm/W
UGR class	≤22
Beam angle	50°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	III
Type of protection	IP20

Dimensions / Weights

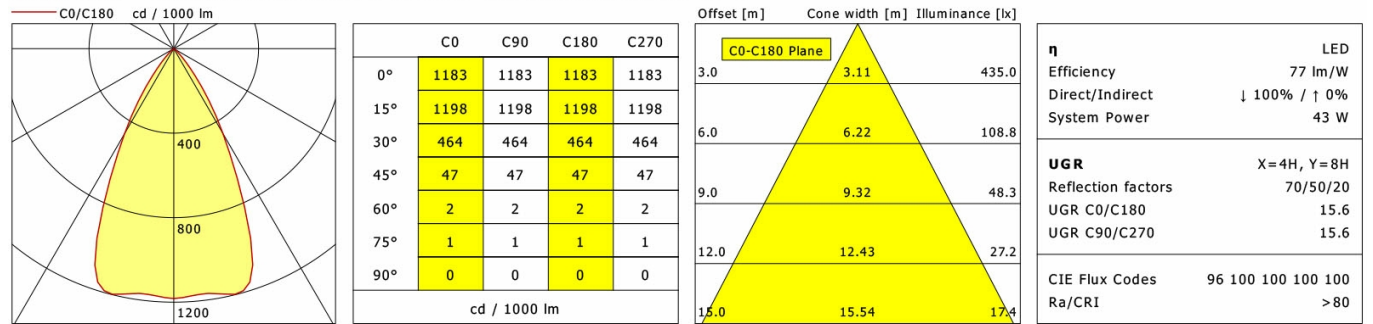
Outer diameter	124 mm
Height	149 mm
Recessed depth	200 mm
Diameter of light head	124 mm
Net weight	1.35 kg
Gross weight	1.42 kg

Colours	Article no.	EAN
silver	660980	4043544697974



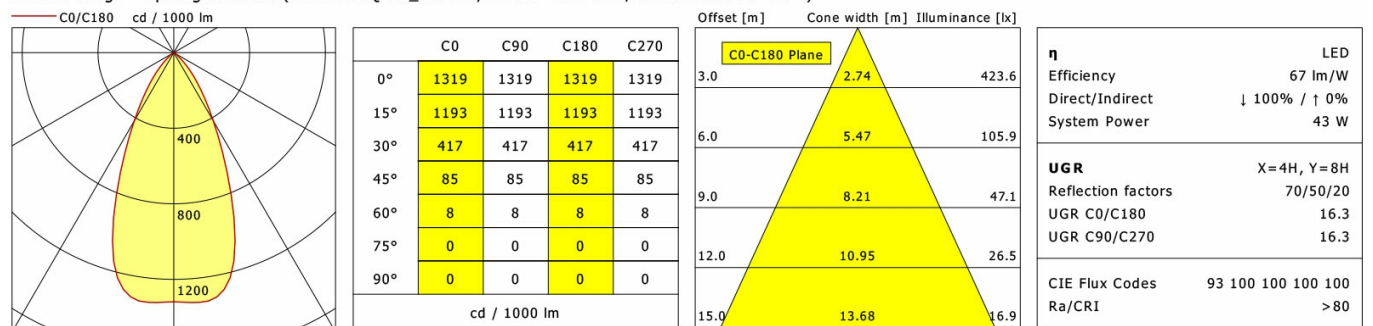
DAL-L-LK 102.840.50/DALI

Dallton Large - Spotlight Insert (DAL-L-RFQ 13, 1xLED 43W 840/4000K 3310lm 50 °)



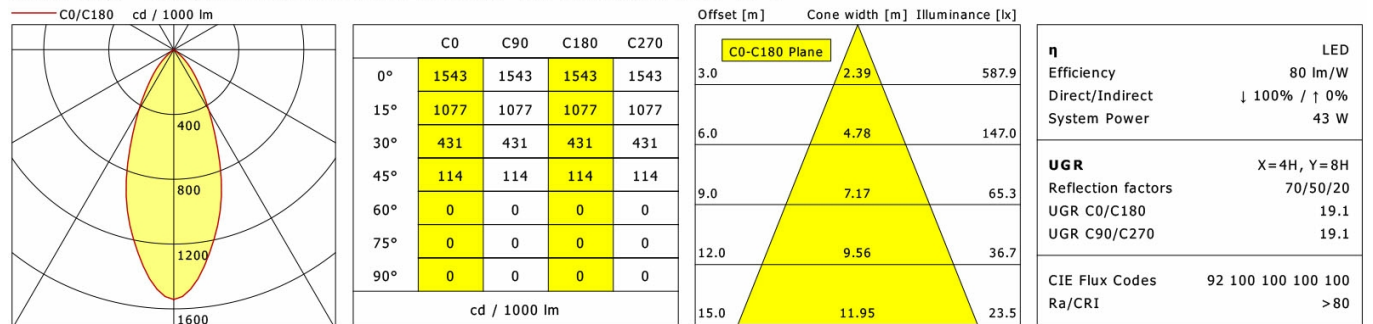
LTS

Dallton Large - Spotlight Insert (DAL-L-RTQ 13_CH-SW, 1xLED 43W 840/4000K 2890lm 50 °)



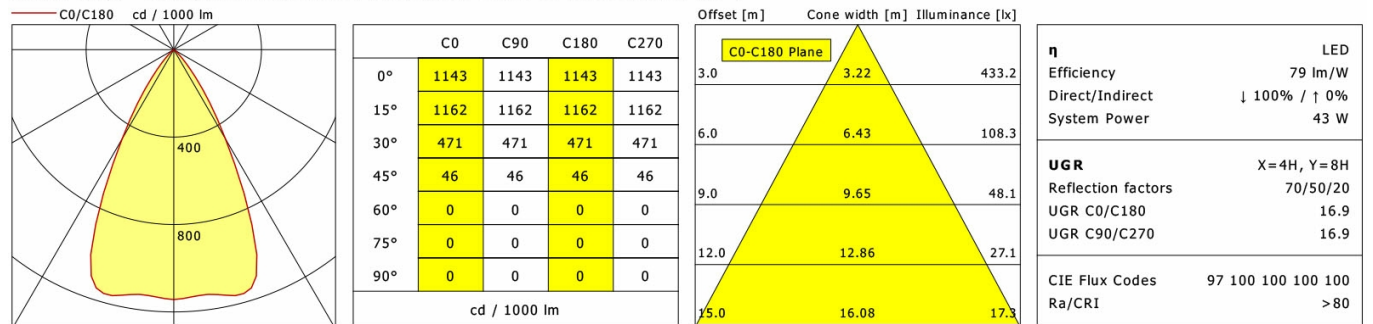
LTS

Dallton Large - Spotlight Insert (DAL-L-RTR 23_CH, 1xLED 43W 840/4000K 3430lm 50 °)



LTS

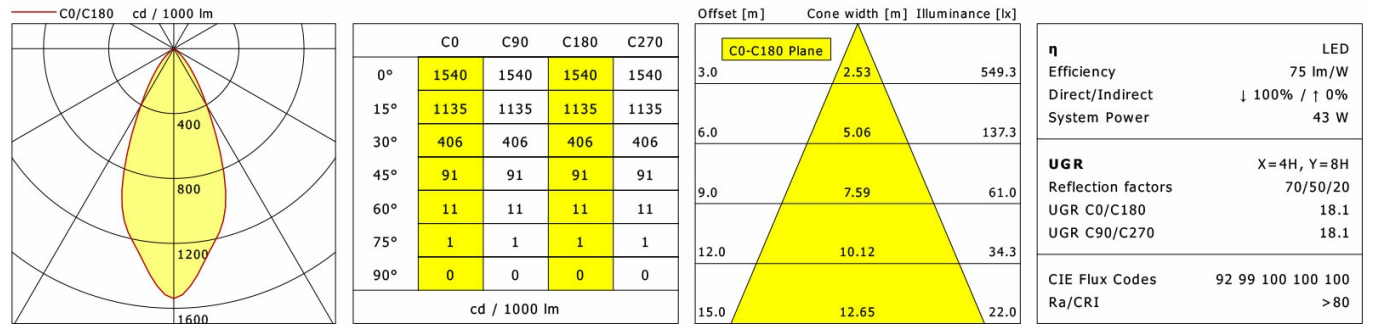
Dallton Large - Spotlight Insert (DAL-L-RFR 23, 1xLED 43W 840/4000K 3410lm 50 °)



LTS

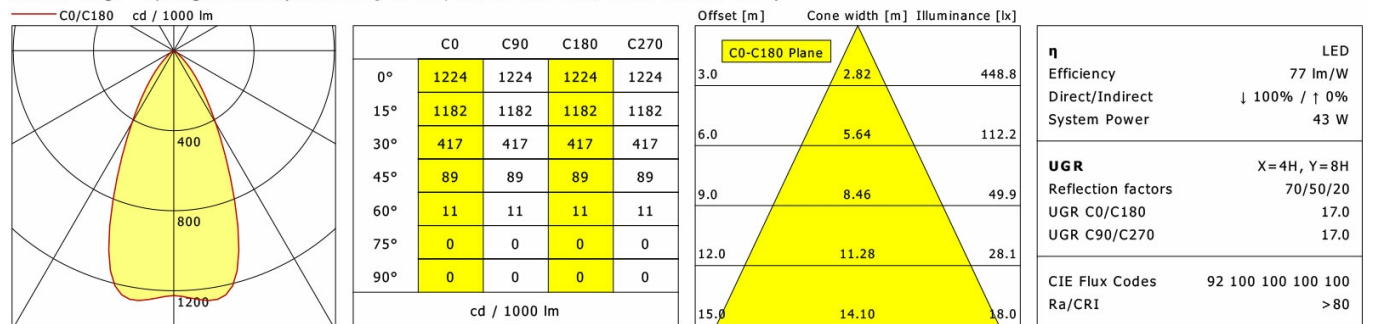
DAL-L-LK 102.840.50/DALI

Dallton Large - Spotlight Insert (DAL-L-RTR 23_SI-MATT, 1xLED 43W 840/4000K 3210lm 50 °)



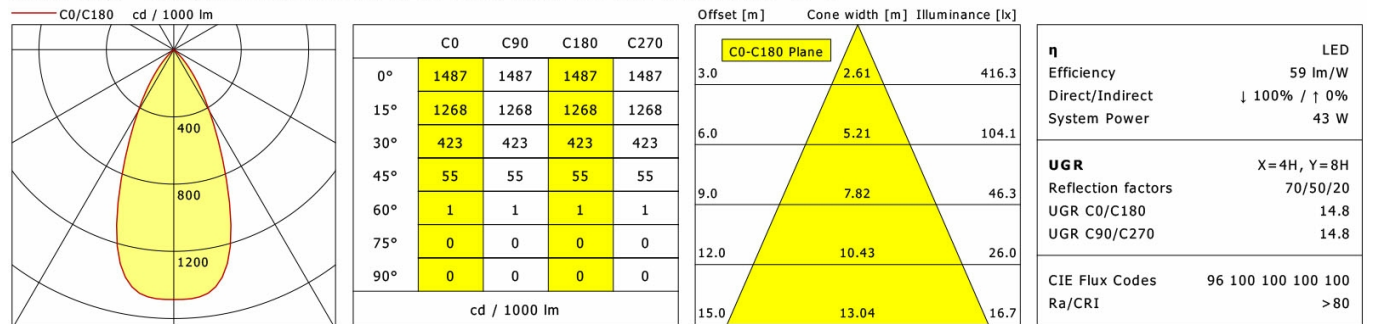
LTS

Dallton Large - Spotlight Insert (DAL-L-RTQ 13_CH, 1xLED 43W 840/4000K 3300lm 50 °)



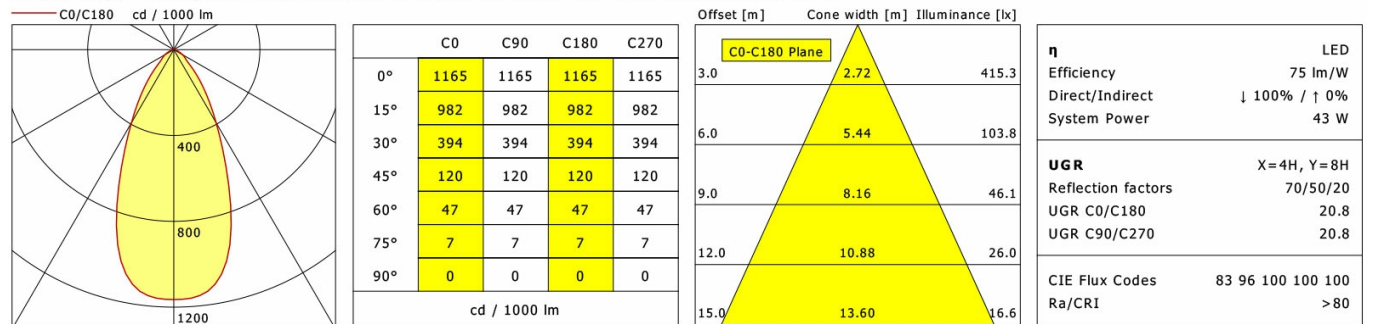
LTS

Dallton Large - Spotlight Insert (DAL-L-RTQ 13_SW-MATT, 1xLED 43W 840/4000K 2520lm 50 °)



LTS

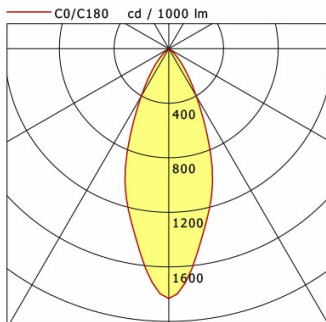
Dallton Large - Spotlight Insert (DAL-L-RTQ 13_WS-MATT, 1xLED 43W 840/4000K 3210lm 50 °)



LTS

DAL-L-LK 102.840.50/DALI

Dallton Large - Spotlight Insert (DAL-L-RTR 23_CH-SW, 1xLED 43W 840/4000K 3360lm 50 °)



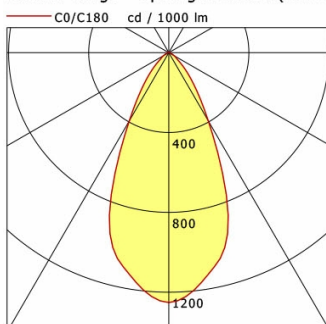
	C0	C90	C180	C270
0°	1832	1832	1832	1832
15°	1176	1176	1176	1176
30°	404	404	404	404
45°	82	82	82	82
60°	0	0	0	0
75°	0	0	0	0
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.21	684.0
6.0	4.42	171.0
9.0	6.63	76.0
12.0	8.84	42.8
15.0	11.04	27.4

η	LED
Efficiency	78 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	43 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	17.6
UGR C90/C270	17.6
CIE Flux Codes	94 100 100 100 100
Ra/CRI	>80

LTS

Dallton Large - Spotlight Insert (DAL-L-RTR 23_WS-MATT, 1xLED 43W 840/4000K 3460lm 50 °)



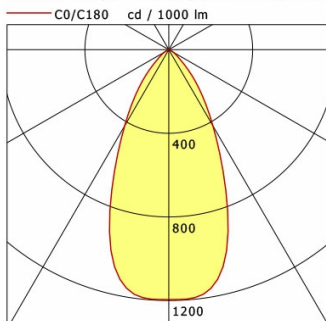
	C0	C90	C180	C270
0°	1252	1252	1252	1252
15°	1041	1041	1041	1041
30°	394	394	394	394
45°	111	111	111	111
60°	32	32	32	32
75°	6	6	6	6
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.76	481.2
6.0	5.51	120.3
9.0	8.27	53.5
12.0	11.02	30.1
15.0	13.78	19.2

η	LED
Efficiency	81 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	43 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.8
UGR C90/C270	20.8
CIE Flux Codes	86 97 100 100 100
Ra/CRI	>80

LTS

Dallton Large - Spotlight Insert (DAL-L-RTQ 13_SI-MATT, 1xLED 43W 840/4000K 3070lm 50 °)



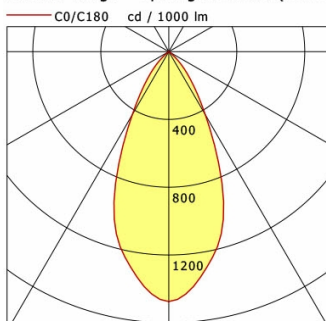
	C0	C90	C180	C270
0°	1195	1195	1195	1195
15°	1037	1037	1037	1037
30°	421	421	421	421
45°	116	116	116	116
60°	24	24	24	24
75°	1	1	1	1
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.79	407.6
6.0	5.58	101.9
9.0	8.37	45.3
12.0	11.16	25.5
15.0	13.95	16.3

η	LED
Efficiency	71 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	43 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	18.6
UGR C90/C270	18.6
CIE Flux Codes	87 99 100 100 100
Ra/CRI	>80

LTS

Dallton Large - Spotlight Insert (DAL-L-RTR 23_SW-MATT, 1xLED 43W 840/4000K 2620lm 50 °)



	C0	C90	C180	C270
0°	1475	1475	1475	1475
15°	1154	1154	1154	1154
30°	429	429	429	429
45°	90	90	90	90
60°	0	0	0	0
75°	0	0	0	0
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.64	429.3
6.0	5.28	107.3
9.0	7.92	47.7
12.0	10.56	26.8
15.0	13.20	17.2

η	LED
Efficiency	61 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	43 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	17.2
UGR C90/C270	17.2
CIE Flux Codes	94 100 100 100 100
Ra/CRI	>80

LTS

Recessed Spotlights · Dallton Large System



DAL-L-LK 102.840.50/DALI

Accessories



DAL-L-ZBW 13.23
honeycomb louvre



ZB-OR DONGLE
Organic Response IR dongle kit



ZB-OR GATEWAY
Organic Response IoT Gateway Cascade Series



ZB-OR-R SENSOR
Organic Response sensor for recessed mounting