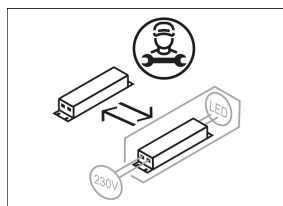
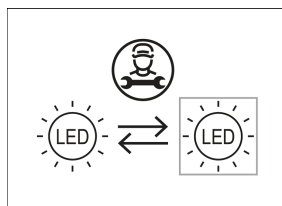


DAL-S-LK 100.830.40



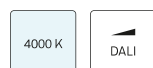
Colours	Article no.	EAN
silver	661025	4043544698421



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
- 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

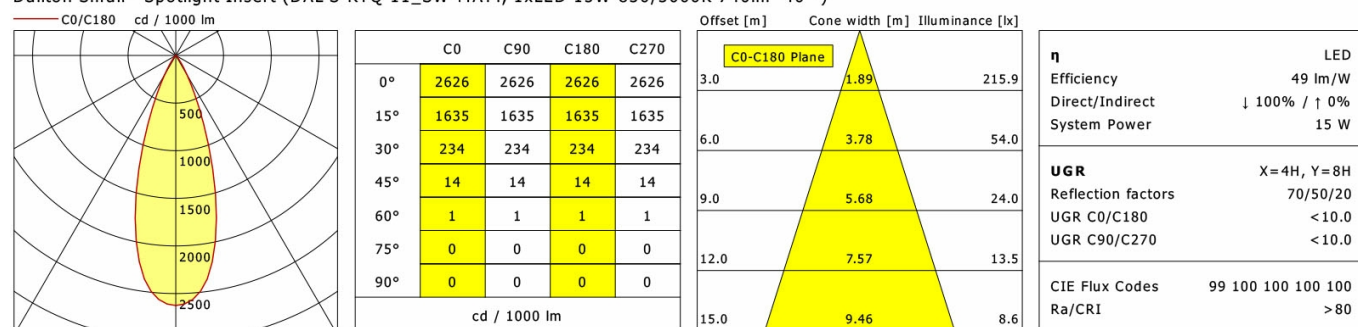
Lamps	LED Spot / CRI 80 / 3000 K
EPREL light sources	992480
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	15.0 W
Luminaire luminous flux	max. 1070 lm
System efficiency	49.33 lm/W
Module efficiency	157.83 lm/W
UGR class	≤16
Beam angle	40°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	III
Type of protection	IP20

Dimensions / Weights

Outer diameter	82 mm
Height	103 mm
Recessed depth	135 mm
Diameter of light head	82 mm
Net weight	0.65 kg
Gross weight	0.69 kg

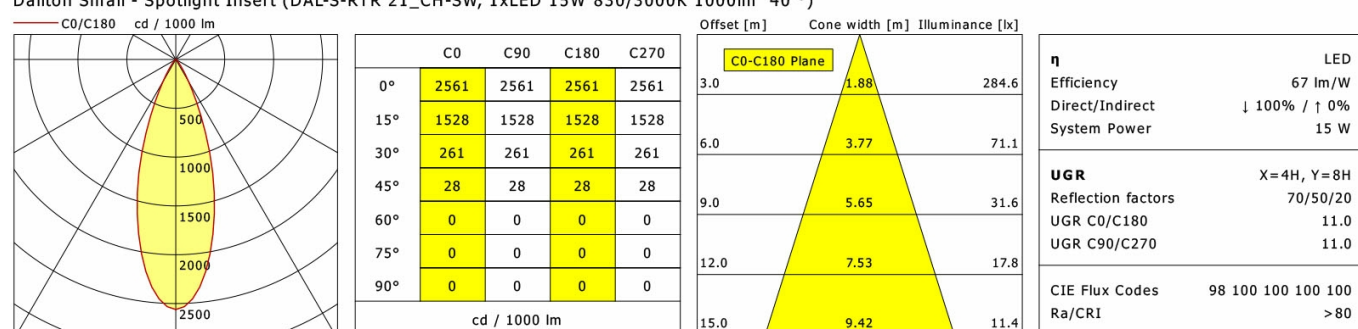
DAL-S-LK 100.830.40

Dallton Small - Spotlight Insert (DAL-S-RTQ 11_SW-MATT, 1xLED 15W 830/3000K 740lm 40 °)



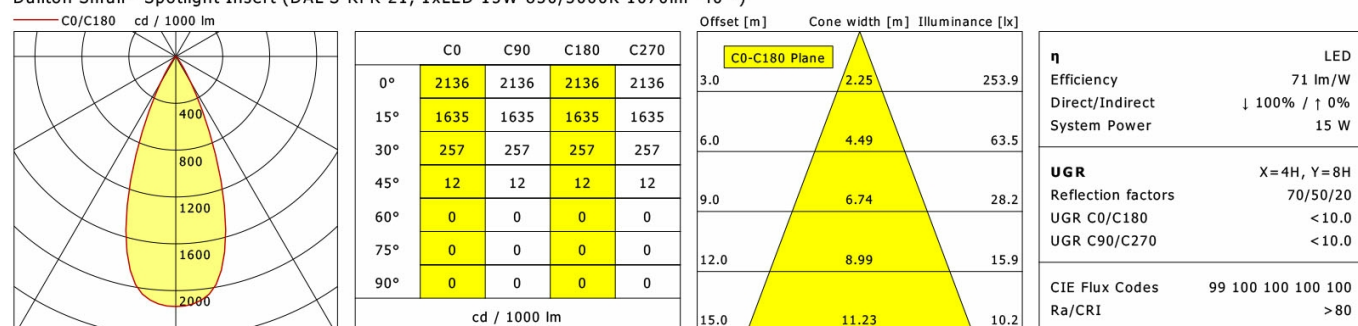
LTS

Dallton Small - Spotlight Insert (DAL-S-RTR 21_CH-SW, 1xLED 15W 830/3000K 1000lm 40 °)



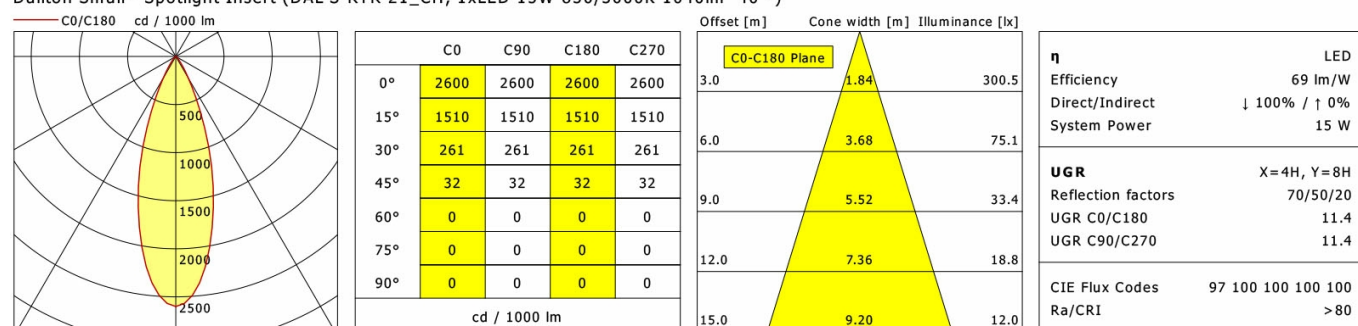
LTS

Dallton Small - Spotlight Insert (DAL-S-RFR 21, 1xLED 15W 830/3000K 1070lm 40 °)



LTS

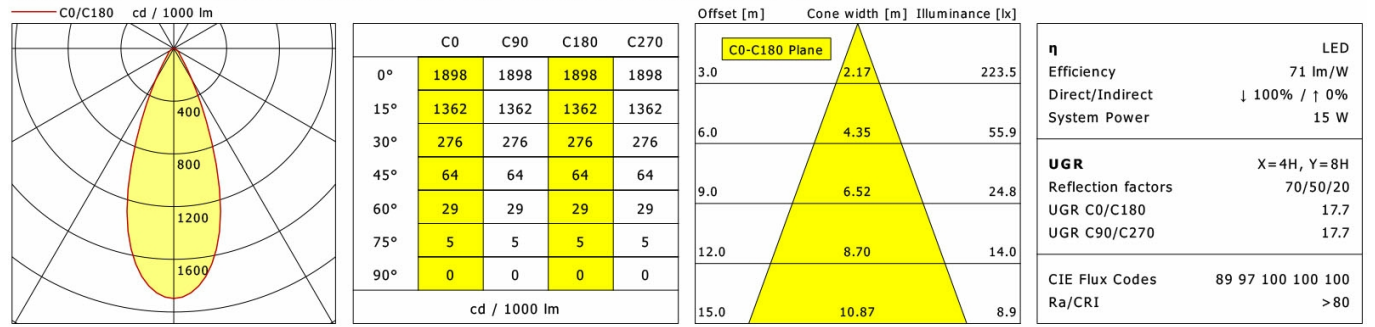
Dallton Small - Spotlight Insert (DAL-S-RTR 21_CH, 1xLED 15W 830/3000K 1040lm 40 °)



LTS

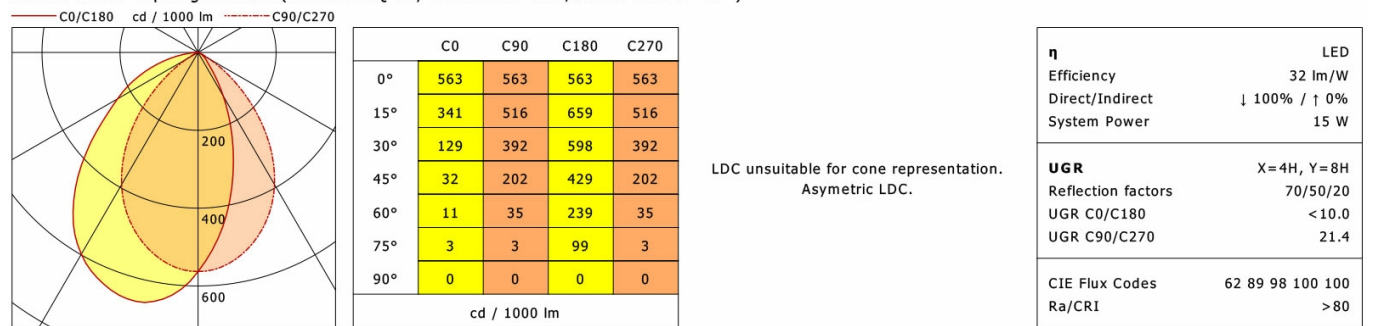
DAL-S-LK 100.830.40

Dallton Small - Spotlight Insert (DAL-S-RTR 21_WS-MATT, 1xLED 15W 830/3000K 1060lm 40 °)



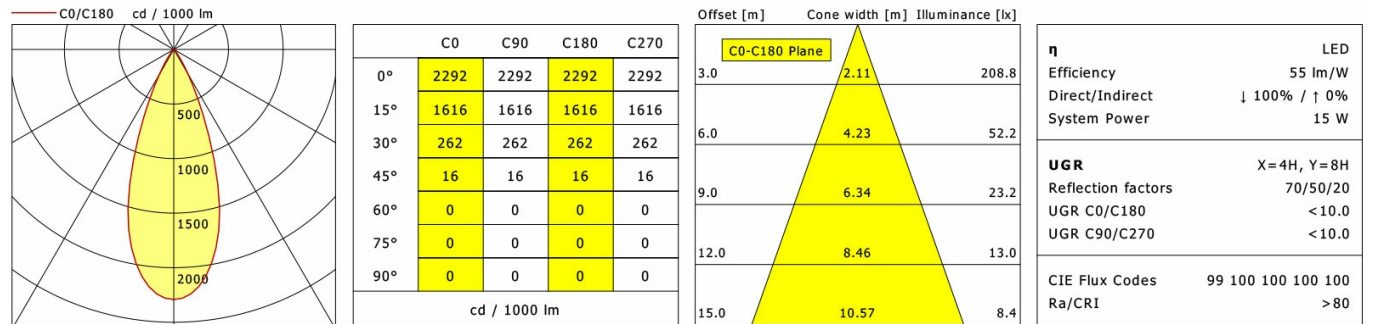
LTS

Dallton Small - Spotlight Insert (DAL-S-RWQ 11, 1xLED 15W 830/3000K 480lm 40 °)



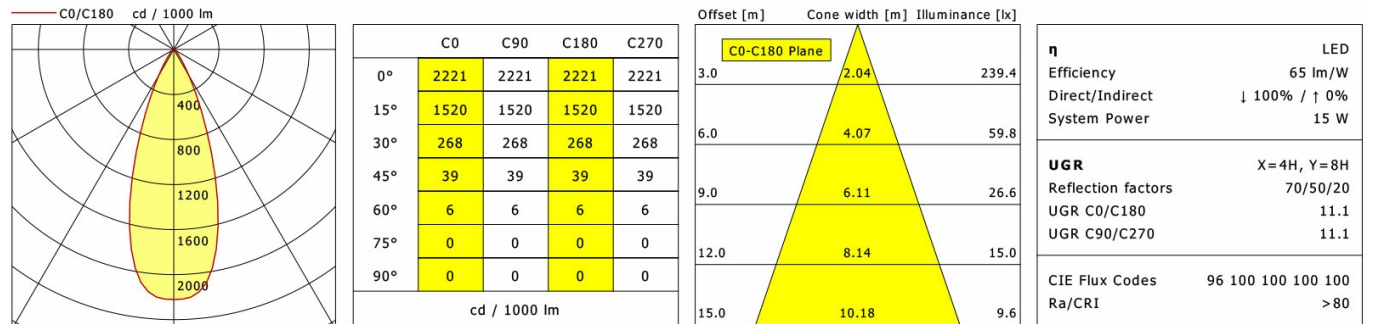
LTS

Dallton Small - Spotlight Insert (DAL-S-RTR 21_SW-MATT, 1xLED 15W 830/3000K 820lm 40 °)



LTS

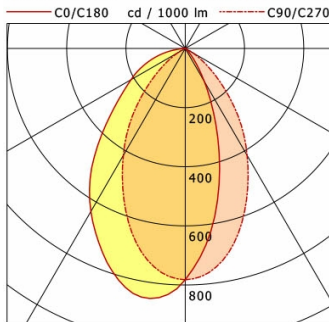
Dallton Small - Spotlight Insert (DAL-S-RTQ 11_CH, 1xLED 15W 830/3000K 970lm 40 °)



LTS

DAL-S-LK 100.830.40

Dallton Small - Spotlight Insert (DAL-S-RWR 21, 1xLED 15W 830/3000K 610lm 40 °)



	C0	C90	C180	C270
0°	782	782	782	782
15°	447	665	825	665
30°	129	417	637	417
45°	17	179	389	179
60°	3	30	211	30
75°	1	2	95	2
90°	0	0	0	0

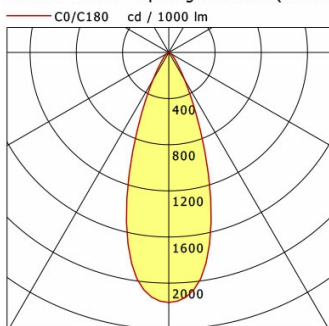
cd / 1000 lm

LDC unsuitable for cone representation.
Asymmetric LDC.

η	LED
Efficiency	41 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	<10.0
UGR C90/C270	21.9
CIE Flux Codes	70 91 98 100 100
Ra/CRI	>80

LTS

Dallton Small - Spotlight Insert (DAL-S-RTQ 11_SI-MATT, 1xLED 15W 830/3000K 930lm 40 °)



	C0	C90	C180	C270
0°	2168	2168	2168	2168
15°	1417	1417	1417	1417
30°	273	273	273	273
45°	61	61	61	61
60°	16	16	16	16
75°	1	1	1	1
90°	0	0	0	0

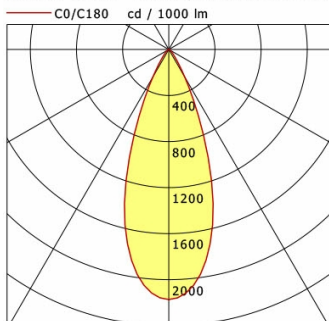
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.98	224.0
6.0	3.96	56.0
9.0	5.94	24.9
12.0	7.92	14.0
15.0	9.90	9.0

η	LED
Efficiency	62 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	13.5
UGR C90/C270	13.5
CIE Flux Codes	92 99 100 100 100
Ra/CRI	>80

LTS

Dallton Small - Spotlight Insert (DAL-S-RTR 21_SI-MATT, 1xLED 15W 830/3000K 980lm 40 °)



	C0	C90	C180	C270
0°	2172	2172	2172	2172
15°	1485	1485	1485	1485
30°	276	276	276	276
45°	45	45	45	45
60°	7	7	7	7
75°	0	0	0	0
90°	0	0	0	0

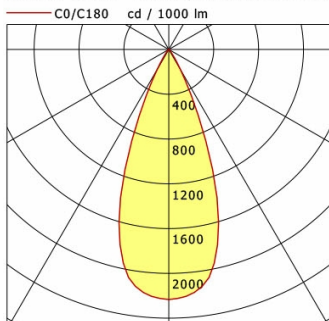
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.08	236.5
6.0	4.16	59.1
9.0	6.24	26.3
12.0	8.32	14.8
15.0	10.40	9.5

η	LED
Efficiency	65 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	13.0
UGR C90/C270	13.0
CIE Flux Codes	95 100 100 100 100
Ra/CRI	>80

LTS

Dallton Small - Spotlight Insert (DAL-S-RFQ 11, 1xLED 15W 830/3000K 1000lm 40 °)



	C0	C90	C180	C270
0°	2233	2233	2233	2233
15°	1707	1707	1707	1707
30°	210	210	210	210
45°	14	14	14	14
60°	3	3	3	3
75°	0	0	0	0
90°	0	0	0	0

cd / 1000 lm

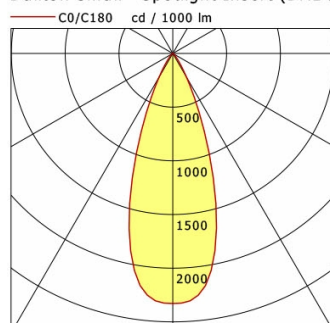
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.21	248.1
6.0	4.41	62.0
9.0	6.62	27.6
12.0	8.82	15.5
15.0	11.03	9.9

η	LED
Efficiency	67 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 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

DAL-S-LK 100.830.40

Dallton Small - Spotlight Insert (DAL-S-RTQ 11_CH-SW, 1xLED 15W 830/3000K 910lm 40 °)



	C0	C90	C180	C270
0°	2329	2329	2329	2329
15°	1569	1569	1569	1569
30°	254	254	254	254
45°	31	31	31	31
60°	4	4	4	4
75°	0	0	0	0
90°	0	0	0	0

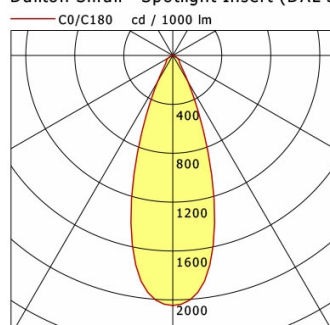
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.00	235.5
6.0	4.01	58.9
9.0	6.01	26.2
12.0	8.01	14.7
15.0	10.02	9.4

η	LED
Efficiency	61 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	<10.0
UGR C90/C270	<10.0
CIE Flux Codes	97 100 100 100 100
Ra/CRI	>80

LTS

Dallton Small - Spotlight Insert (DAL-S-RTQ 11_WS-MATT, 1xLED 15W 830/3000K 940lm 40 °)



	C0	C90	C180	C270
0°	2046	2046	2046	2046
15°	1319	1319	1319	1319
30°	247	247	247	247
45°	77	77	77	77
60°	43	43	43	43
75°	6	6	6	6
90°	0	0	0	0

cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.96	213.7
6.0	3.91	53.4
9.0	5.87	23.7
12.0	7.82	13.4
15.0	9.78	8.5

η	LED
Efficiency	63 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	17.9
UGR C90/C270	17.9
CIE Flux Codes	86 96 100 100 100
Ra/CRI	>80

LTS

Recessed Spotlights · Dallton Small System



DAL-S-LK 100.830.40

Accessories



DAL-S-ZBW 11.21
honeycomb louvre