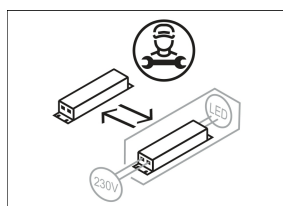
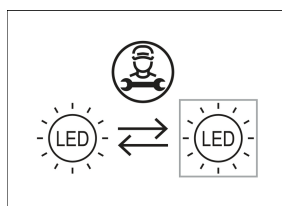


DAL-S-LK 101.840.20



Colours	Article no.	EAN
silver	661047	4043544698643



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

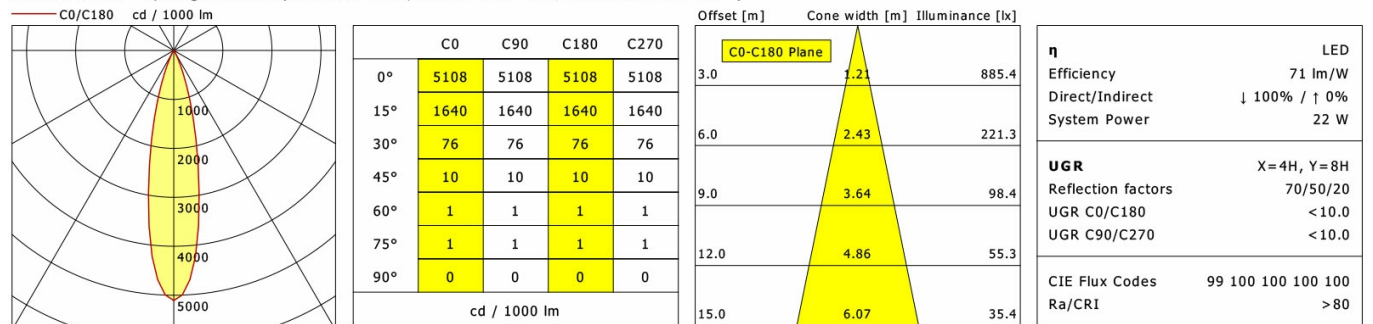
Lamps	LED Spot / CRI 80 / 4000 K
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	22.0 W
Luminaire luminous flux	max. 1650 lm
System efficiency	70.90 lm/W
Module efficiency	160.65 lm/W
UGR class	≤16
Beam angle	20°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	III
Type of protection	IP20

Dimensions / Weights

Outer diameter	82 mm
Height	103 mm
Recessed depth	135 mm
Diameter of light head	82 mm
Net weight	0.66 kg
Gross weight	0.70 kg

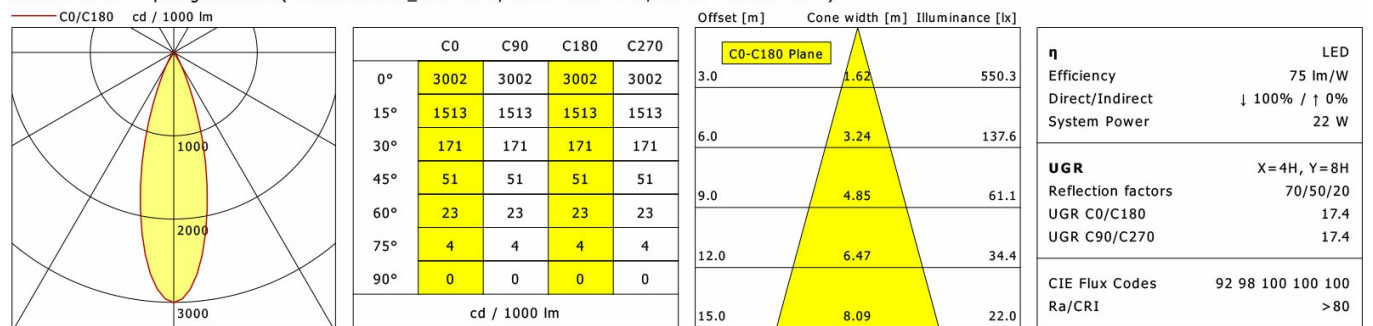
DAL-S-LK 101.840.20

Dallton Small - Spotlight Insert (DAL-S-RFR 21, 1xLED 22W 840/4000K 1560lm 20 °)



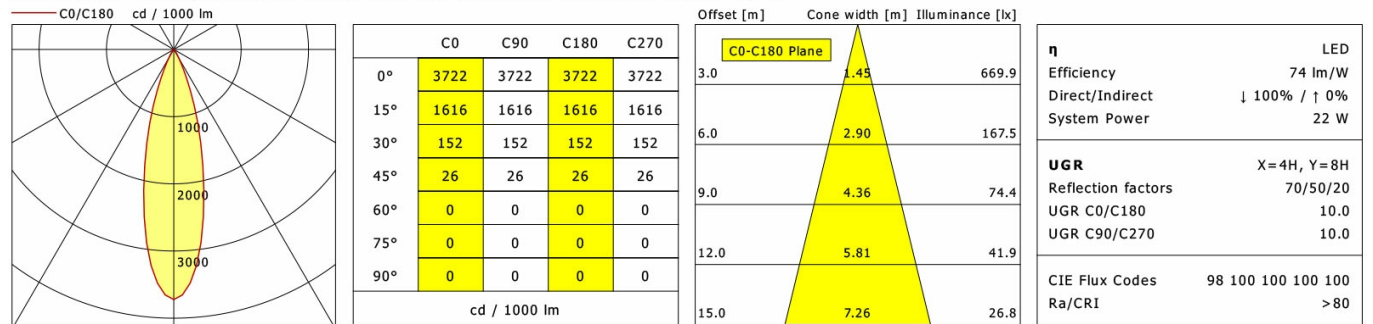
LTS

Dallton Small - Spotlight Insert (DAL-S-RTR 21_WS-MATT, 1xLED 22W 840/4000K 1650lm 20 °)



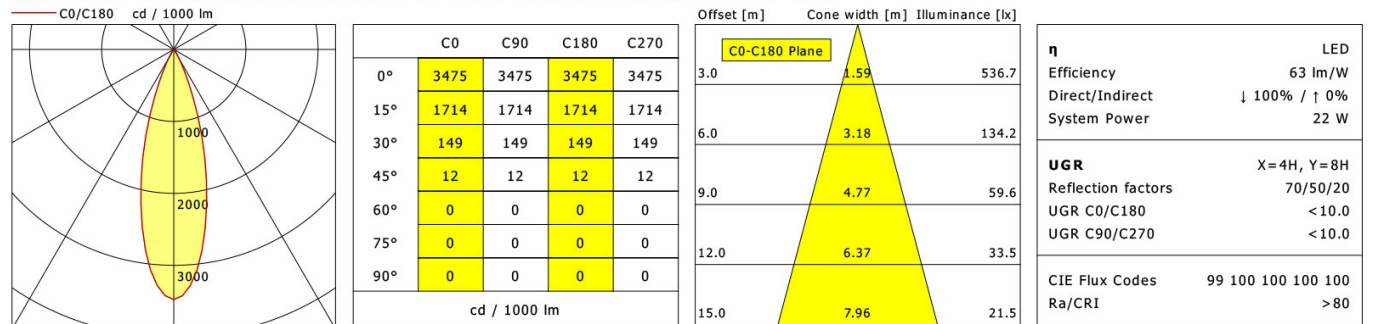
LTS

Dallton Small - Spotlight Insert (DAL-S-RTR 21_CH, 1xLED 22W 840/4000K 1620lm 20 °)



LTS

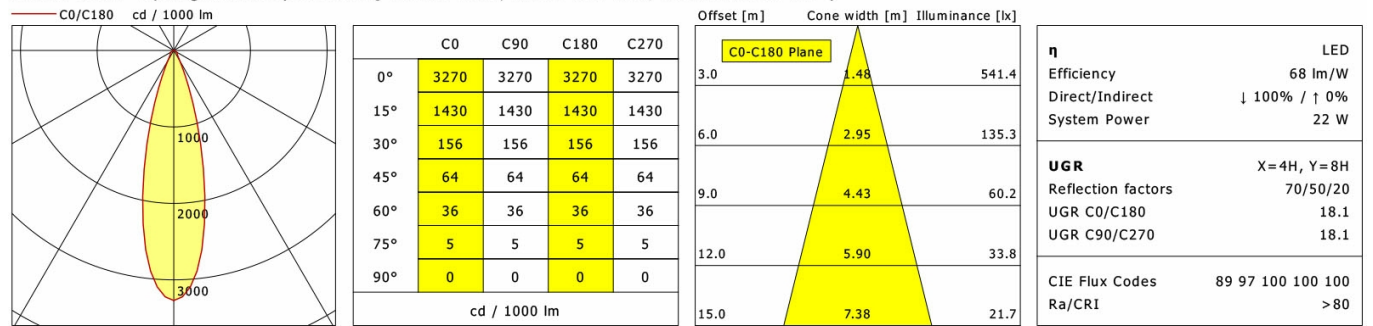
Dallton Small - Spotlight Insert (DAL-S-RTR 21_SW-MATT, 1xLED 22W 840/4000K 1390lm 20 °)



LTS

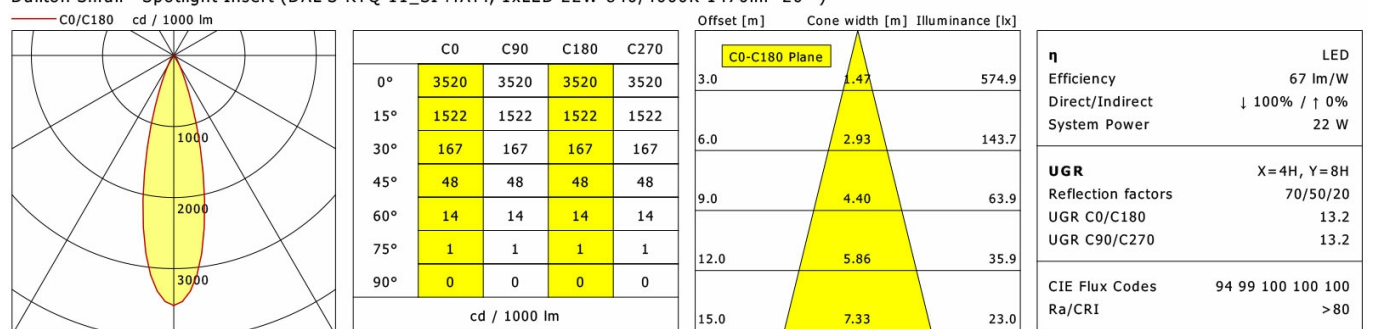
DAL-S-LK 101.840.20

Dallton Small - Spotlight Insert (DAL-S-RTQ 11_WS-MATT, 1xLED 22W 840/4000K 1490lm 20 °)



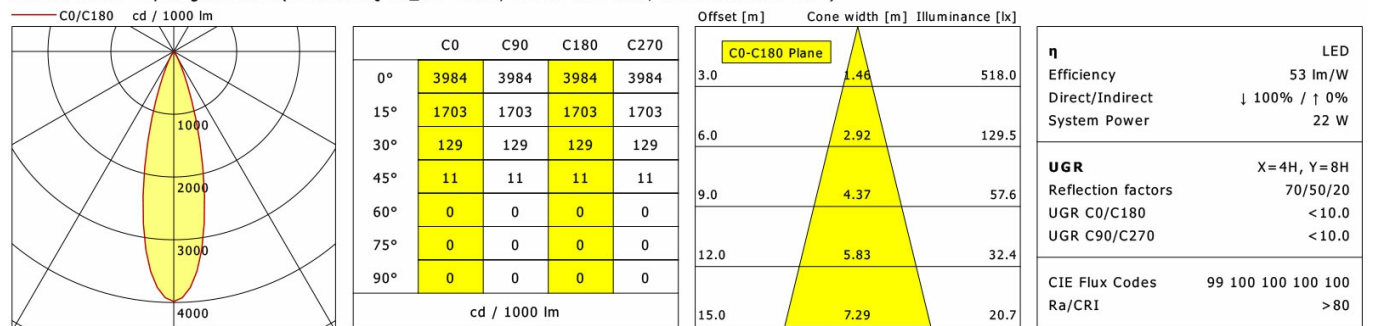
LTS

Dallton Small - Spotlight Insert (DAL-S-RTQ 11_SI-MATT, 1xLED 22W 840/4000K 1470lm 20 °)



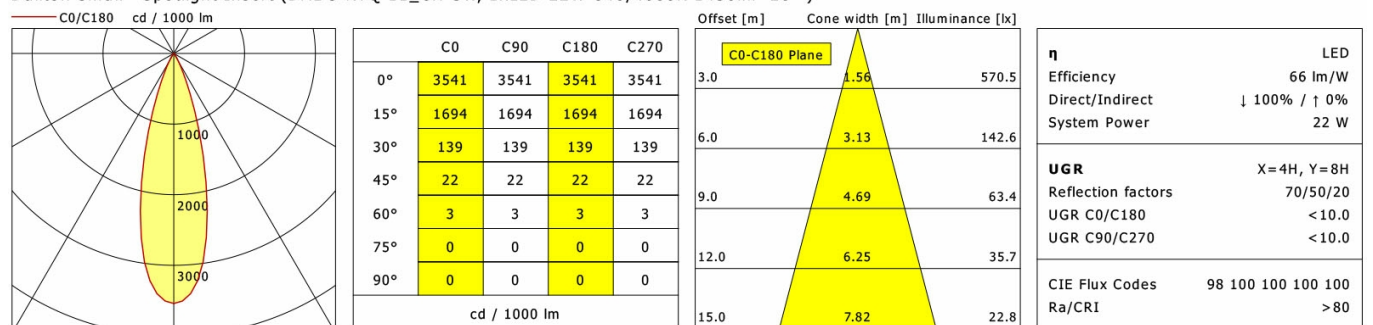
LTS

Dallton Small - Spotlight Insert (DAL-S-RTQ 11_SW-MATT, 1xLED 22W 840/4000K 1170lm 20 °)



LTS

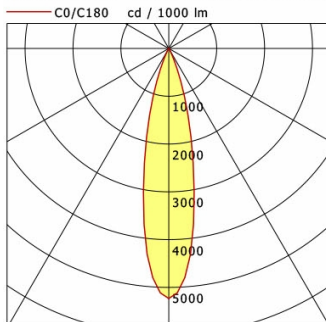
Dallton Small - Spotlight Insert (DAL-S-RTQ 11_CH-SW, 1xLED 22W 840/4000K 1450lm 20 °)



LTS

DAL-S-LK 101.840.20

Dallton Small - Spotlight Insert (DAL-S-RFQ 11, 1xLED 22W 840/4000K 1530lm 20 °)



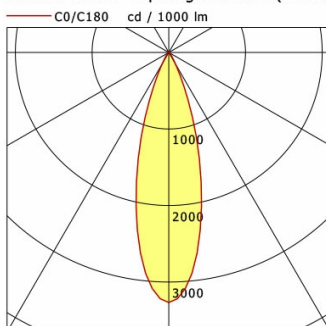
	C0	C90	C180	C270
0°	5232	5232	5232	5232
15°	1683	1683	1683	1683
30°	55	55	55	55
45°	11	11	11	11
60°	3	3	3	3
75°	1	1	1	1
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.22	889.5
6.0	2.43	222.4
9.0	3.65	98.8
12.0	4.87	55.6
15.0	6.08	35.6

η	LED
Efficiency	70 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 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 Small - Spotlight Insert (DAL-S-RTR 21_SI-MATT, 1xLED 22W 840/4000K 1590lm 20 °)



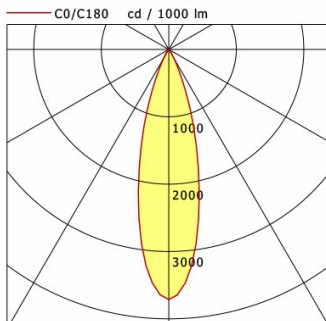
	C0	C90	C180	C270
0°	3268	3268	3268	3268
15°	1593	1593	1593	1593
30°	171	171	171	171
45°	37	37	37	37
60°	6	6	6	6
75°	0	0	0	0
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.58	577.3
6.0	3.16	144.3
9.0	4.73	64.1
12.0	6.31	36.1
15.0	7.89	23.1

η	LED
Efficiency	72 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	12.4
UGR C90/C270	12.4
CIE Flux Codes	96 100 100 100 100
Ra/CRI	>80

LTS

Dallton Small - Spotlight Insert (DAL-S-RTR 21_CH-SW, 1xLED 22W 840/4000K 1570lm 20 °)



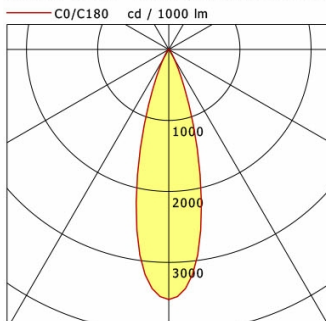
	C0	C90	C180	C270
0°	3713	3713	3713	3713
15°	1640	1640	1640	1640
30°	149	149	149	149
45°	22	22	22	22
60°	0	0	0	0
75°	0	0	0	0
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.47	647.6
6.0	2.94	161.9
9.0	4.41	72.0
12.0	5.88	40.5
15.0	7.35	25.9

η	LED
Efficiency	72 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 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 Small - Spotlight Insert (DAL-S-RTQ 11_CH, 1xLED 22W 840/4000K 1500lm 20 °)



	C0	C90	C180	C270
0°	3523	3523	3523	3523
15°	1631	1631	1631	1631
30°	155	155	155	155
45°	30	30	30	30
60°	6	6	6	6
75°	0	0	0	0
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.53	587.1
6.0	3.06	146.8
9.0	4.59	65.2
12.0	6.13	36.7
15.0	7.66	23.5

η	LED
Efficiency	68 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 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

Recessed Spotlights · Dallton Small System



DAL-S-LK 101.840.20

Accessories



DAL-S-ZBW 11.21
honeycomb louvre