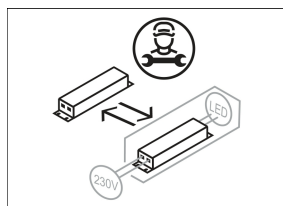
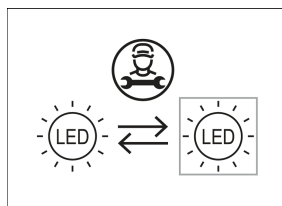


# DAL-S-LK 101.830.50



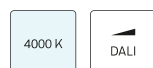
Colours	Article no.	EAN
silver	661045	4043544698629



## 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

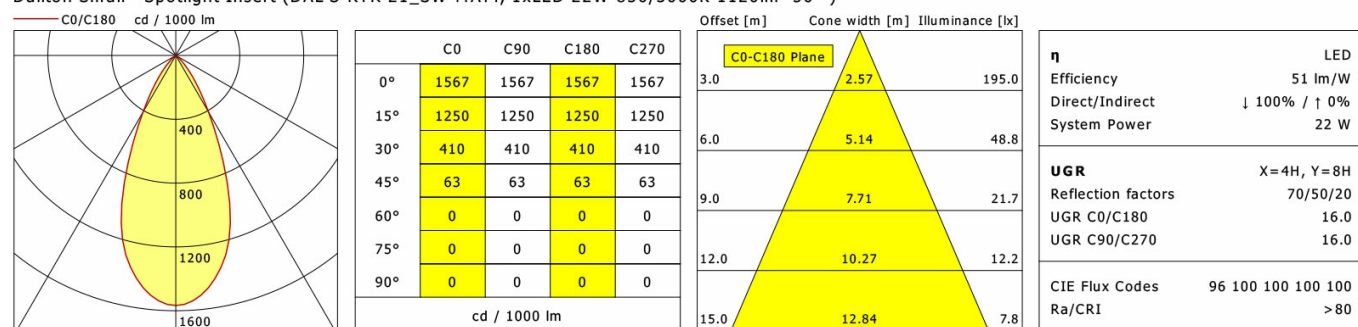
<b>Lamps</b>	LED Spot / CRI 80 / 3000 K
<b>EPREL light sources</b>	992480
<b>Lifetime</b>	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
<b>System power</b>	22.0 W
<b>Luminaire luminous flux</b>	max. 1360 lm
<b>System efficiency</b>	50.90 lm/W
<b>Module efficiency</b>	157.83 lm/W
<b>UGR class</b>	≤19
<b>Beam angle</b>	50°
<b>Supply voltage</b>	220 - 240 V / 50 - 60 Hz
<b>Protection class</b>	III
<b>Type of protection</b>	IP20

## Dimensions / Weights

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

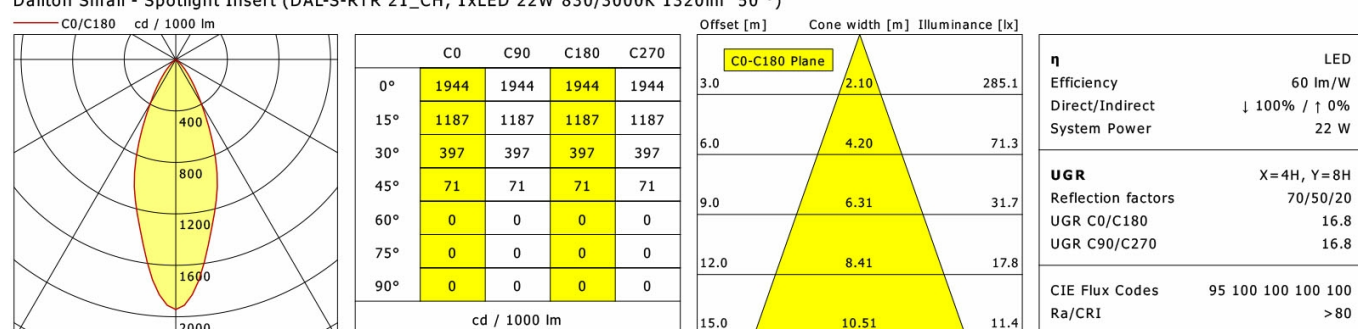
# DAL-S-LK 101.830.50

Dallton Small - Spotlight Insert (DAL-S-RTR 21\_SW-MATT, 1xLED 22W 830/3000K 1120lm 50 °)



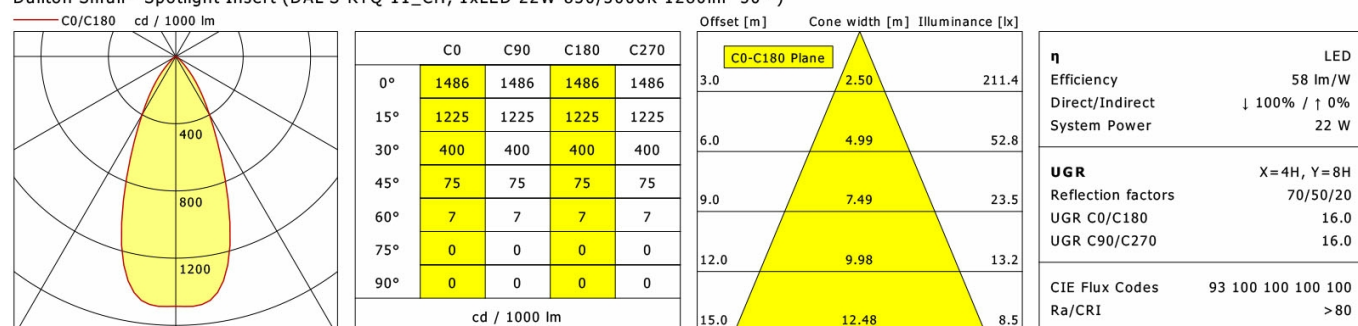
LTS

Dallton Small - Spotlight Insert (DAL-S-RTR 21\_CH, 1xLED 22W 830/3000K 1320lm 50 °)



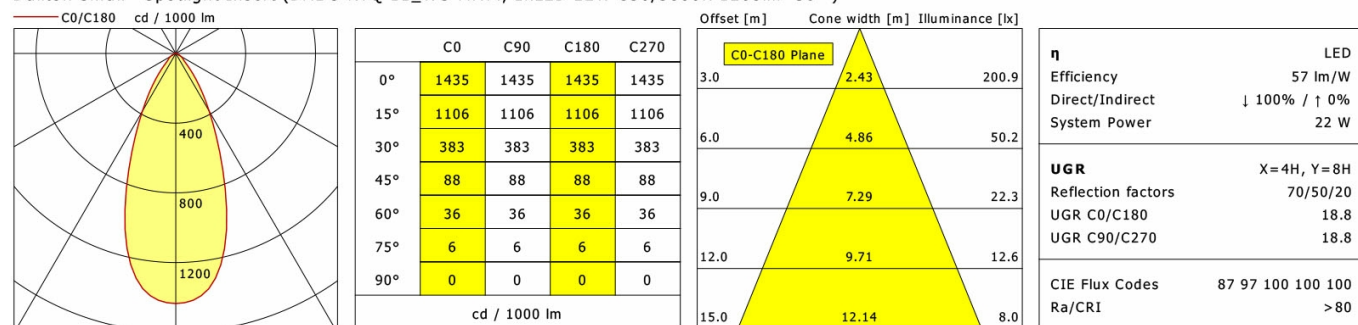
LTS

Dallton Small - Spotlight Insert (DAL-S-RTQ 11\_CH, 1xLED 22W 830/3000K 1280lm 50 °)



LTS

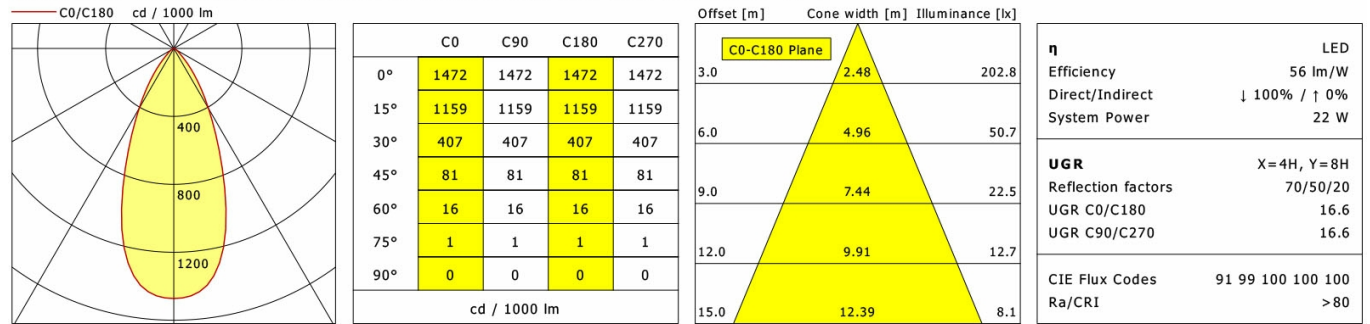
Dallton Small - Spotlight Insert (DAL-S-RTQ 11\_WS-MATT, 1xLED 22W 830/3000K 1260lm 50 °)



LTS

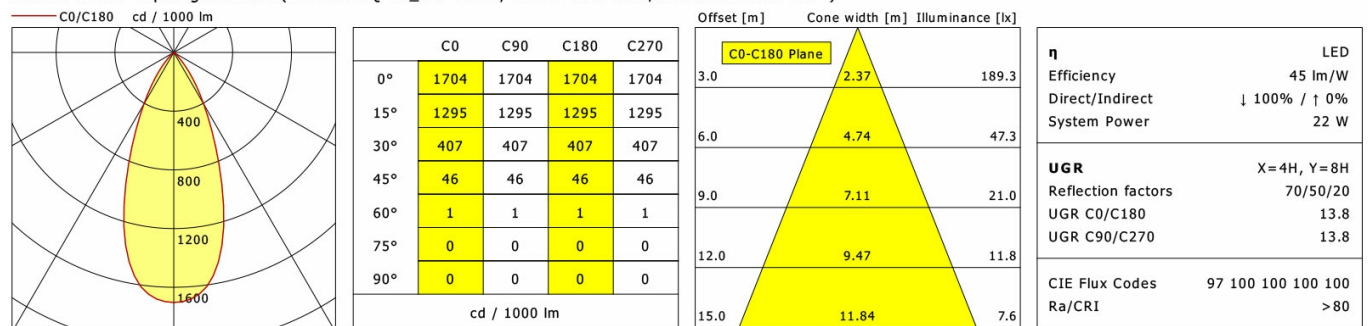
# DAL-S-LK 101.830.50

Dallton Small - Spotlight Insert (DAL-S-RTQ 11\_SI-MATT, 1xLED 22W 830/3000K 1240lm 50 °)



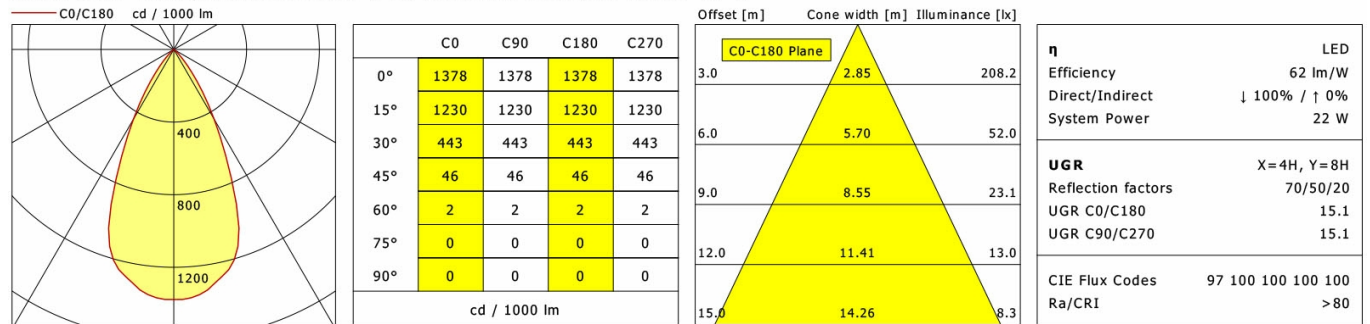
LTS

Dallton Small - Spotlight Insert (DAL-S-RTQ 11\_SW-MATT, 1xLED 22W 830/3000K 1000lm 50 °)



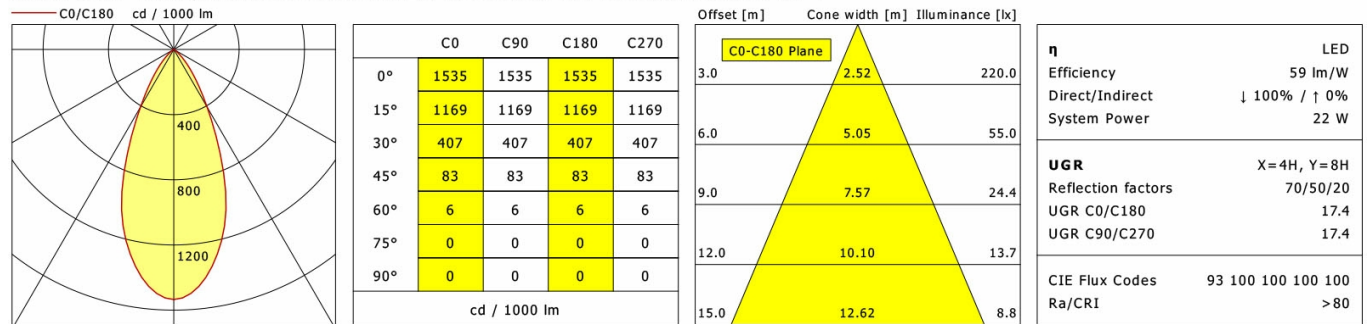
LTS

Dallton Small - Spotlight Insert (DAL-S-RFQ 11, 1xLED 22W 830/3000K 1360lm 50 °)



LTS

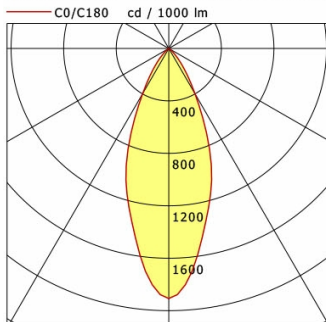
Dallton Small - Spotlight Insert (DAL-S-RTR 21\_SI-MATT, 1xLED 22W 830/3000K 1290lm 50 °)



LTS

# DAL-S-LK 101.830.50

Dallton Small - Spotlight Insert (DAL-S-RTR 21\_CH-SW, 1xLED 22W 830/3000K 1280lm 50 °)



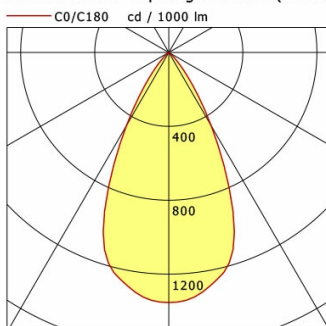
	C0	C90	C180	C270
0°	1907	1907	1907	1907
15°	1203	1203	1203	1203
30°	397	397	397	397
45°	68	68	68	68
60°	0	0	0	0
75°	0	0	0	0
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.17	271.2
6.0	4.34	67.8
9.0	6.50	30.1
12.0	8.67	17.0
15.0	10.84	10.8

<b>η</b>	LED
Efficiency	58 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
<b>UGR</b>	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	16.5
UGR C90/C270	16.5
CIE Flux Codes	95 100 100 100 100
Ra/CRI	>80

LTS

Dallton Small - Spotlight Insert (DAL-S-RFR 21, 1xLED 22W 830/3000K 1350lm 50 °)



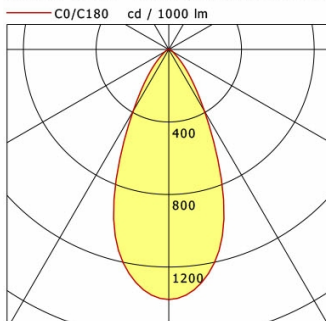
	C0	C90	C180	C270
0°	1354	1354	1354	1354
15°	1208	1208	1208	1208
30°	458	458	458	458
45°	49	49	49	49
60°	0	0	0	0
75°	0	0	0	0
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.93	203.0
6.0	5.87	50.8
9.0	8.80	22.6
12.0	11.73	12.7
15.0	14.67	8.1

<b>η</b>	LED
Efficiency	61 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
<b>UGR</b>	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	16.6
UGR C90/C270	16.6
CIE Flux Codes	97 100 100 100 100
Ra/CRI	>80

LTS

Dallton Small - Spotlight Insert (DAL-S-RTR 21\_WS-MATT, 1xLED 22W 830/3000K 1340lm 50 °)



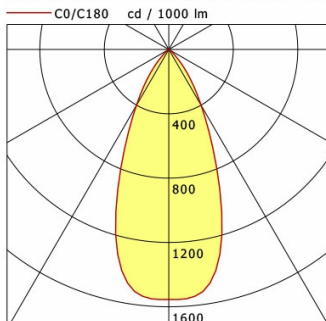
	C0	C90	C180	C270
0°	1379	1379	1379	1379
15°	1109	1109	1109	1109
30°	392	392	392	392
45°	95	95	95	95
60°	25	25	25	25
75°	5	5	5	5
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.61	205.3
6.0	5.23	51.3
9.0	7.84	22.8
12.0	10.46	12.8
15.0	13.07	8.2

<b>η</b>	LED
Efficiency	61 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
<b>UGR</b>	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	19.4
UGR C90/C270	19.4
CIE Flux Codes	88 98 100 100 100
Ra/CRI	>80

LTS

Dallton Small - Spotlight Insert (DAL-S-RTQ 11\_CH-SW, 1xLED 22W 830/3000K 1200lm 50 °)



	C0	C90	C180	C270
0°	1554	1554	1554	1554
15°	1256	1256	1256	1256
30°	402	402	402	402
45°	63	63	63	63
60°	5	5	5	5
75°	0	0	0	0
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.46	207.3
6.0	4.91	51.8
9.0	7.37	23.0
12.0	9.82	13.0
15.0	12.28	8.3

<b>η</b>	LED
Efficiency	55 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
<b>UGR</b>	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	15.2
UGR C90/C270	15.2
CIE Flux Codes	95 100 100 100 100
Ra/CRI	>80

LTS

Recessed Spotlights · Dallton Small System



# DAL-S-LK 101.830.50

## Accessories



DAL-S-ZBW 11.21  
honeycomb louvre