

# DAL-S-LK 100.840.50/DALI



Colours	Article no.	EAN
silver	661034	4043544698513



## 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 DALI, dimmable) included (external placement)

## Standard options



## Special options



## Lighting data / Norms

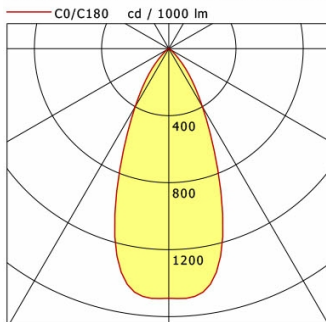
Lamps	LED Spot / CRI 80 / 4000 K
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	15.0 W
Luminaire luminous flux	max. 1050 lm
System efficiency	64.66 lm/W
Module efficiency	160.65 lm/W
UGR class	≤19
Beam angle	50°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	III
Type of protection	IP20

## Dimensions / Weights

Outer diameter	82 mm
Height	103 mm
Recessed depth	135 mm
Diameter of light head	82 mm
Net weight	0.67 kg
Gross weight	0.71 kg

# DAL-S-LK 100.840.50/DALI

Dallton Small - Spotlight Insert (DAL-S-RTQ 11\_CH, 1xLED 15W 840/4000K 970lm 50 °)



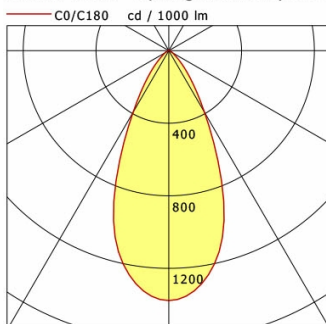
	C0	C90	C180	C270
0°	1490	1490	1490	1490
15°	1224	1224	1224	1224
30°	400	400	400	400
45°	75	75	75	75
60°	8	8	8	8
75°	0	0	0	0
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.49	160.6
6.0	4.98	40.2
9.0	7.47	17.8
12.0	9.95	10.0
15.0	12.44	6.4

<b>η</b>	LED
Efficiency	65 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
<b>UGR</b>	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	15.0
UGR C90/C270	15.0
CIE Flux Codes	93 100 100 100 100
Ra/CRI	>80

LTS

Dallton Small - Spotlight Insert (DAL-S-RTR 21\_WS-MATT, 1xLED 15W 840/4000K 1020lm 50 °)



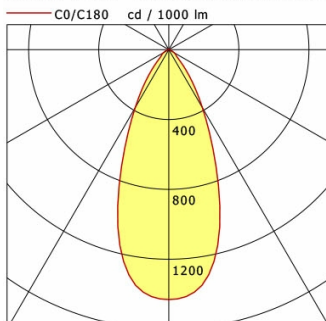
	C0	C90	C180	C270
0°	1377	1377	1377	1377
15°	1108	1108	1108	1108
30°	392	392	392	392
45°	96	96	96	96
60°	25	25	25	25
75°	4	4	4	4
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.62	156.1
6.0	5.24	39.0
9.0	7.86	17.3
12.0	10.48	9.8
15.0	13.09	6.2

<b>η</b>	LED
Efficiency	68 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
<b>UGR</b>	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	18.4
UGR C90/C270	18.4
CIE Flux Codes	88 98 100 100 100
Ra/CRI	>80

LTS

Dallton Small - Spotlight Insert (DAL-S-RTQ 11\_WS-MATT, 1xLED 15W 840/4000K 950lm 50 °)



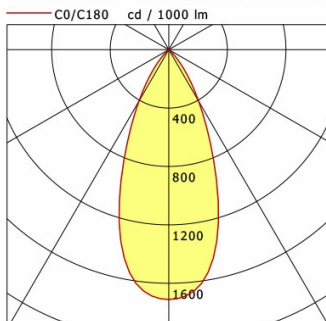
	C0	C90	C180	C270
0°	1431	1431	1431	1431
15°	1107	1107	1107	1107
30°	384	384	384	384
45°	88	88	88	88
60°	36	36	36	36
75°	6	6	6	6
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.44	151.0
6.0	4.87	37.8
9.0	7.31	16.8
12.0	9.75	9.4
15.0	12.18	6.0

<b>η</b>	LED
Efficiency	63 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
<b>UGR</b>	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	17.8
UGR C90/C270	17.8
CIE Flux Codes	87 97 100 100 100
Ra/CRI	>80

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Dallton Small - Spotlight Insert (DAL-S-RTQ 11\_SW-MATT, 1xLED 15W 840/4000K 750lm 50 °)



	C0	C90	C180	C270
0°	1712	1712	1712	1712
15°	1294	1294	1294	1294
30°	408	408	408	408
45°	46	46	46	46
60°	1	1	1	1
75°	0	0	0	0
90°	0	0	0	0

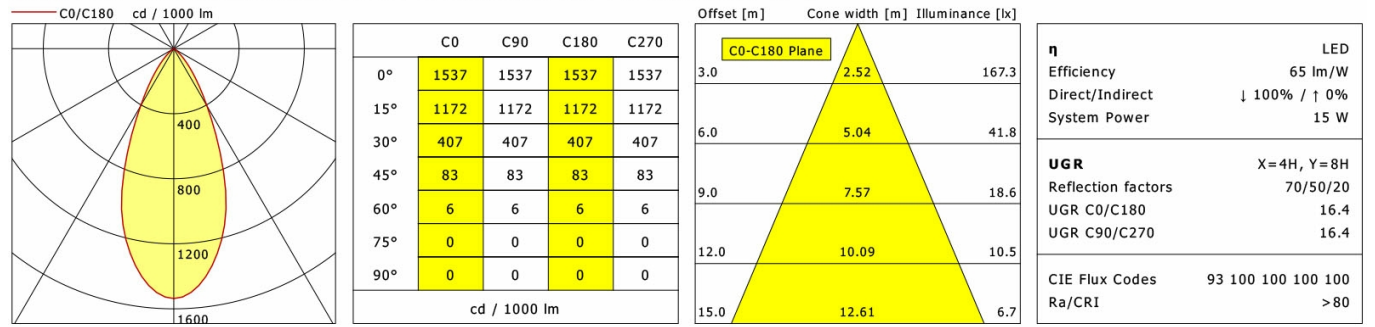
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.36	142.6
6.0	4.72	35.7
9.0	7.08	15.8
12.0	9.44	8.9
15.0	11.80	5.7

<b>η</b>	LED
Efficiency	50 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
<b>UGR</b>	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	12.8
UGR C90/C270	12.8
CIE Flux Codes	97 100 100 100 100
Ra/CRI	>80

LTS

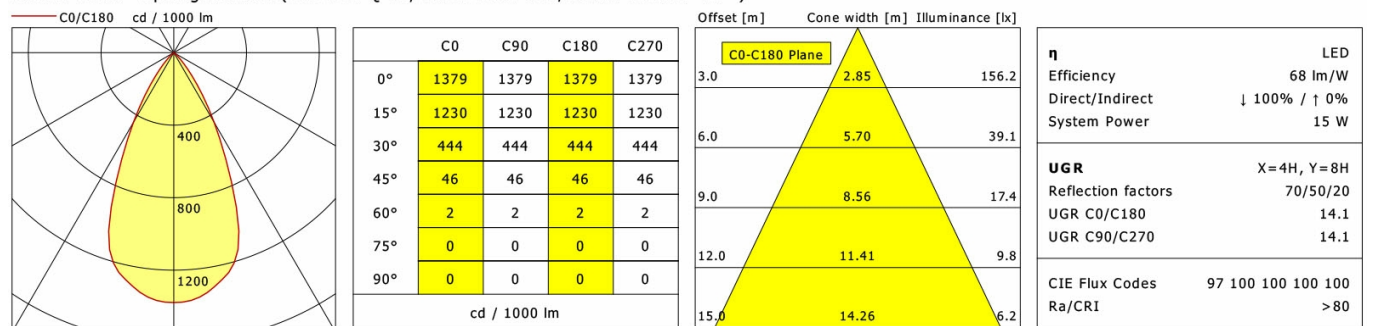
# DAL-S-LK 100.840.50/DALI

Dallton Small - Spotlight Insert (DAL-S-RTR 21\_SI-MATT, 1xLED 15W 840/4000K 980lm 50 °)



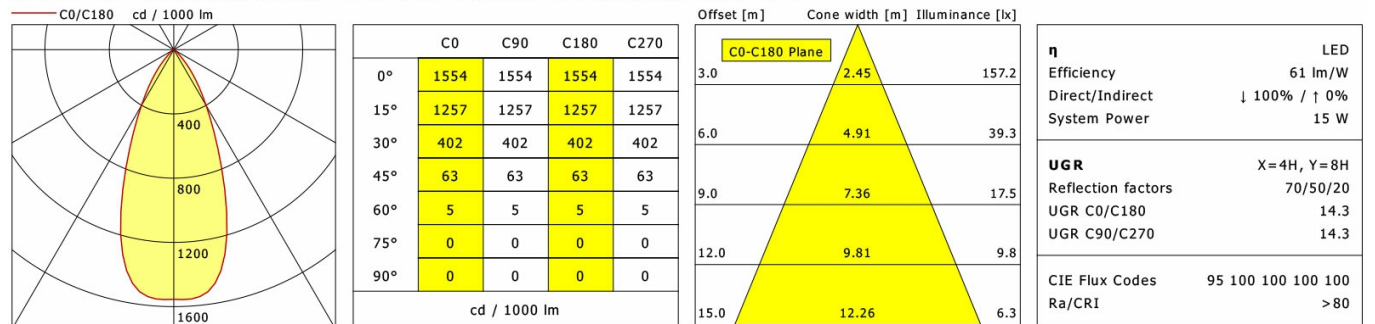
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Dallton Small - Spotlight Insert (DAL-S-RFQ 11, 1xLED 15W 840/4000K 1020lm 50 °)



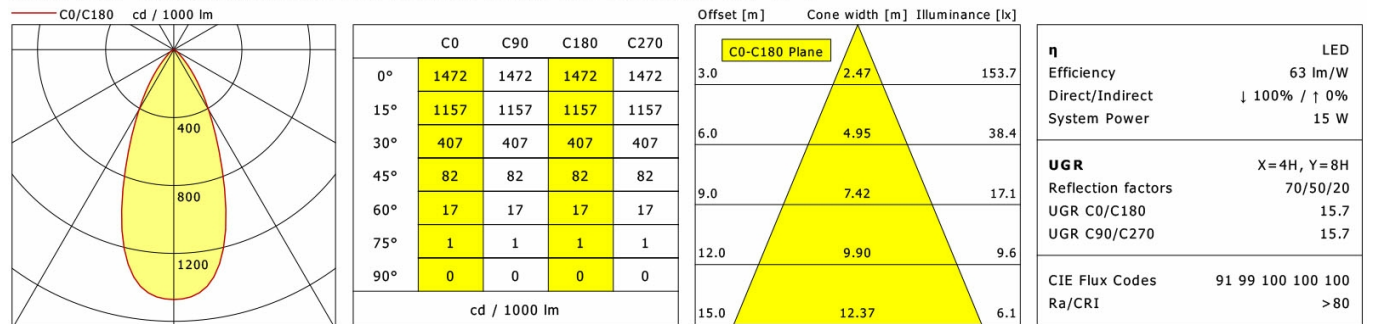
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Dallton Small - Spotlight Insert (DAL-S-RTQ 11\_CH-SW, 1xLED 15W 840/4000K 910lm 50 °)



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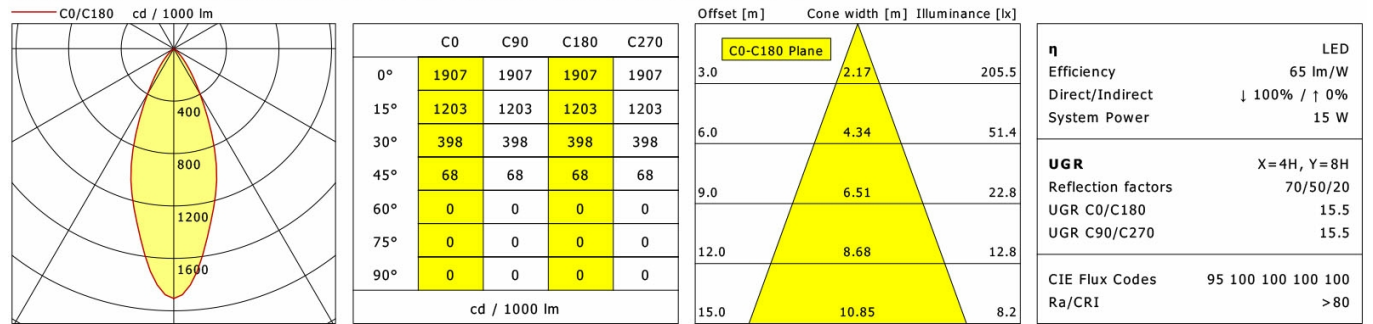
Dallton Small - Spotlight Insert (DAL-S-RTQ 11\_SI-MATT, 1xLED 15W 840/4000K 940lm 50 °)



LTS

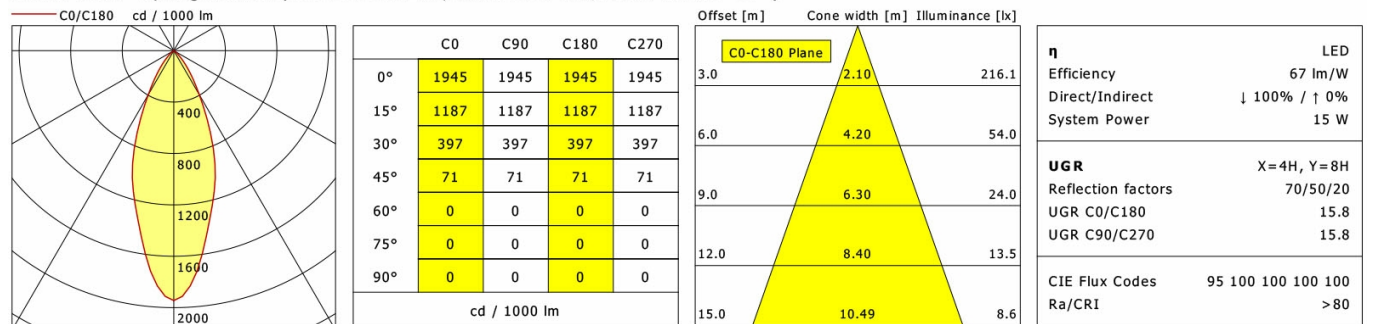
# DAL-S-LK 100.840.50/DALI

Dallton Small - Spotlight Insert (DAL-S-RTR 21\_CH-SW, 1xLED 15W 840/4000K 970lm 50 °)



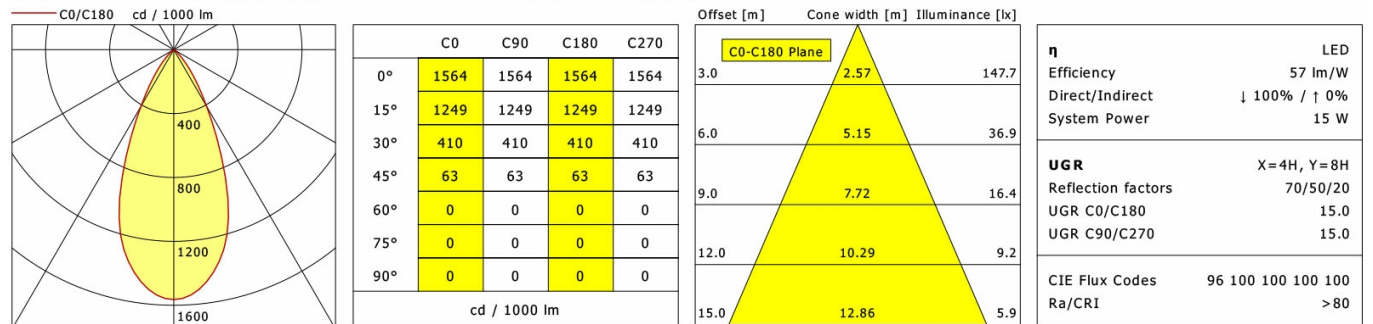
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Dallton Small - Spotlight Insert (DAL-S-RTR 21\_CH, 1xLED 15W 840/4000K 1000lm 50 °)



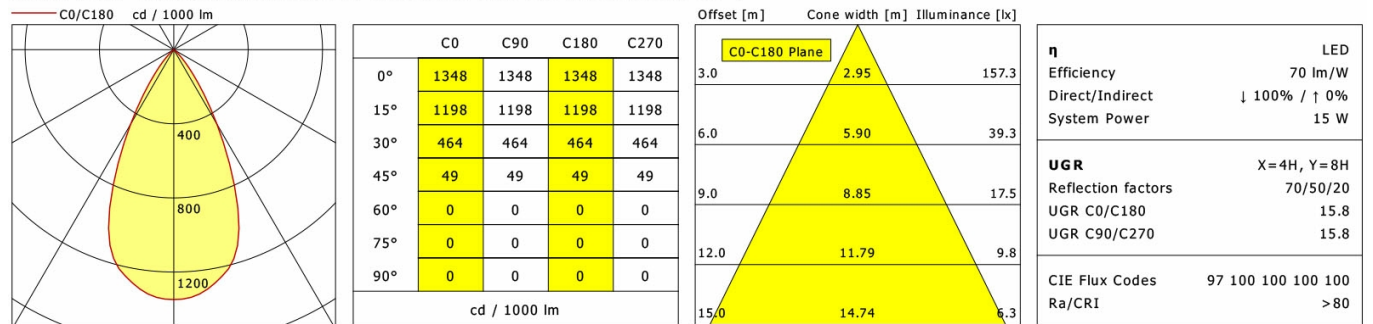
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Dallton Small - Spotlight Insert (DAL-S-RTR 21\_SW-MATT, 1xLED 15W 840/4000K 850lm 50 °)



LTS

Dallton Small - Spotlight Insert (DAL-S-RFR 21, 1xLED 15W 840/4000K 1050lm 50 °)



LTS

Recessed Spotlights · Dallton Small System



# DAL-S-LK 100.840.50/DALI

## Accessories



**DAL-S-ZBW 11.21**  
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