DAL-L-LK 102.830.50/DALI





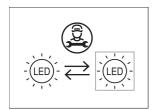


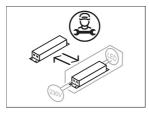






Colours	Article no.	EAN
silver	660974	4043544697912





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

LED Spot / CRI 80 / 3000 K

EPREL light sources 851239

L90 B50 50.000 h **Lifetime**L80 B50 100.000 h
L80 B20 50.000 h

 System power
 43.0 W

 Luminaire luminous flux
 max. 3300 lm

 System efficiency
 64.18 lm/W

 Module efficiency
 158.91 lm/W

 UGR class
 ≤22

UGR class ≤22 Beam angle 50°

Supply voltage 220 - 240 V / 50 - 60 Hz

Protection class III

Type of protection IP20

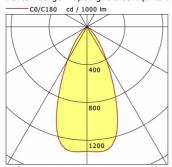
Dimensions / Weights

Outer diameter124 mmHeight149 mmRecessed depth200 mmDiameter of light head124 mmNet weight1.35 kgGross weight1.42 kg

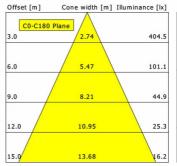


DAL-L-LK 102.830.50/DALI

Dallton Large - Spotlight Insert (DAL-L-RTQ 13_CH-SW, 1xLED 43W 830/3000K 2760lm 50 °)

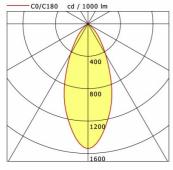


	CO	600	6100	6270
	C0	C90	C180	C270
0°	1319	1319	1319	1319
15°	1193	1193	1193	1193
30°	417	417	417	417
45°	85	85	85	85
60°	8	8	8	8
75°	0	0	0	0
90°	0	0	0	0
	cc	/ 1000 I	m	

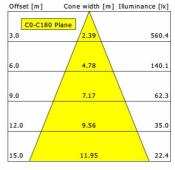


η	LED
Efficiency	64 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	43 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	16.1
UGR C90/C270	16.1
CIE Flux Codes	93 100 100 100 100
Ra/CRI	>80

Dallton Large - Spotlight Insert (DAL-L-RTR 23_CH, 1xLED 43W 830/3000K 3270lm 50 °)

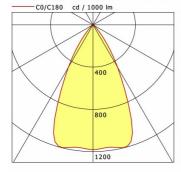


	C0	C90	C180	C270
0°	1543	1543	1543	1543
15°	1077	1077	1077	1077
30°	431	431	431	431
45°	114	114	114	114
60°	0	0	0	0
75°	0	0	0	0
90°	0	0	0	0
	co	1 / 1000 I	m	

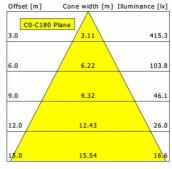


η	LEI		
Efficiency	76 lm/W		
Direct/Indirect \ \ \ 100% /			
System Power	43 W		
UGR	X=4H, Y=8H		
Reflection factors	70/50/20		
UGR C0/C180	18.9		
UGR C90/C270	18.9		
CIE Flux Codes	92 100 100 100 100		
Ra/CRI	>80		

Dallton Large - Spotlight Insert (DAL-L-RFQ 13, 1xLED 43W 830/3000K 3160lm 50 °)

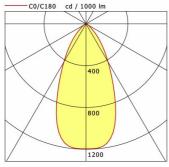


	C0	C90	C180	C270	
0°	1183	1183	1183	1183	
15°	1198	1198	1198	1198	
30°	464	464	464	464	
45°	47	47	47	47	
60°	2	2	2	2	
75°	1	1	1	1	
90°	0	0	0	0	
	cd / 1000 lm				

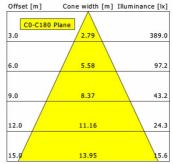


η	LEC		
Efficiency	74 lm/W		
Direct/Indirect	↓ 100% / ↑ 0%		
System Power	43 W		
UGR	X=4H, Y=8H		
Reflection factors	70/50/20		
UGR C0/C180	15.		
UGR C90/C270	15.5		
CIE Flux Codes	96 100 100 100 100		
Ra/CRI	>80		

Dallton Large - Spotlight Insert (DAL-L-RTQ 13_SI-MATT, 1xLED 43W 830/3000K 2930lm $\,$ 50 °)



C0	C90	C180	C270
1195	1195	1195	1195
1037	1037	1037	1037
421	421	421	421
116	116	116	116
24	24	24	24
1	1	1	1
0	0	0	0
	1195 1037 421 116 24 1	1195 1195 1037 1037 421 421 116 116 24 24 1 1	1195 1195 1195 1037 1037 1037 421 421 421 116 116 116 24 24 24 1 1 1



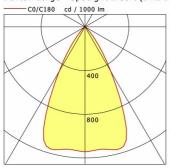
η	LED
Efficiency	68 lm/W
Direct/Indirect \ \ \ \ 100%	
System Power	43 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	18.4
UGR C90/C270	18.4
CIE Flux Codes	87 99 100 100 100
Ra/CRI	>80

LTS

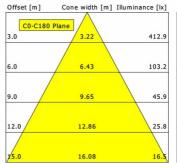


DAL-L-LK 102.830.50/DALI

Dallton Large - Spotlight Insert (DAL-L-RFR 23, 1xLED 43W 830/3000K 3250lm 50 °)

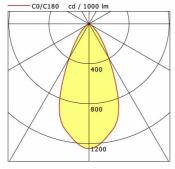


	C0	C90	C180	C270
0°	1143	1143	1143	1143
15°	1162	1162	1162	1162
30°	471	471	471	471
45°	46	46	46	46
60°	0	0	0	0
75°	0	0	0	0
90°	0	0	0	0

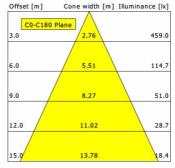


η	LED
Efficiency	76 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	43 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	16.7
UGR C90/C270	16.7
CIE Flux Codes	97 100 100 100 100
Ra/CRI	>80

Dallton Large - Spotlight Insert (DAL-L-RTR 23_WS-MATT, 1xLED 43W 830/3000K 3300lm $\,$ 50 °)

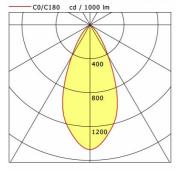


	C0	C90	C180	C270
0°	1252	1252	1252	1252
15°	1041	1041	1041	1041
30°	394	394	394	394
45°	111	111	111	111
60°	32	32	32	32
75°	6	6	6	6
90°	0	0	0	0
	co	1 / 1000	m	

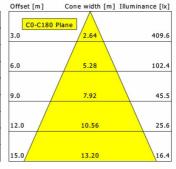


η	LED
Efficiency	77 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	43 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.6
UGR C90/C270	20.6
CIE Flux Codes	86 97 100 100 100
Ra/CRI	>80

Dallton Large - Spotlight Insert (DAL-L-RTR 23_SW-MATT, 1xLED 43W 830/3000K 2500lm 50 °)

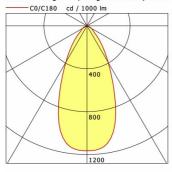


	C0	C90	C180	C270	
0°	1475	1475	1475	1475	
15°	1154	1154	1154	1154	
30°	429	429	429	429	
45°	90	90	90	90	
60°	0	0	0	0	
75°	0	0	0	0	
90°	0	0	0	0	
	cd / 1000 lm				

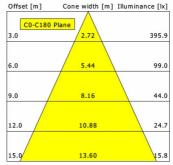


η	LED
Efficiency	58 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	43 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	17.0
UGR C90/C270	17.0
CIE Flux Codes	94 100 100 100 100
Ra/CRI	>80

Dallton Large - Spotlight Insert (DAL-L-RTQ 13_WS-MATT, 1xLED 43W 830/3000K 3060lm 50 °)



	C0	C90	C180	C270	
0°	1165	1165	1165	1165	
15°	982	982	982	982	
30°	394	394	394	394	
45°	120	120	120	120	
60°	47	47	47	47	
75°	7	7	7	7	
90°	0	0	0	0	
cd / 1000 lm					



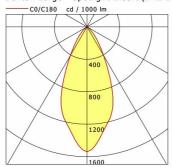
η	LED
Efficiency	71 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	43 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.6
UGR C90/C270	20.6
CIE Flux Codes	83 96 100 100 100
Ra/CRI	>80

LTS

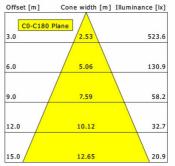
LTS LOVE TO SHINE

DAL-L-LK 102.830.50/DALI

Dallton Large - Spotlight Insert (DAL-L-RTR 23_SI-MATT, 1xLED 43W 830/3000K 3060lm 50 °)

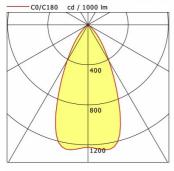


	C0	C90	C180	C270
0°	1540	1540	1540	1540
15°	1135	1135	1135	1135
30°	406	406	406	406
45°	91	91	91	91
60°	11	11	11	11
75°	1	1	1	1
90°	0	0	0	0
cd / 1000 lm				

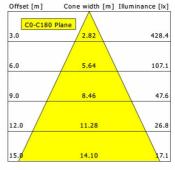


n Efficiency	LED 71 lm/W
Direct/Indirect System Power	↓ 100% / ↑ 0% 43 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	17.9
UGR C90/C270	17.9
CIE Flux Codes	92 99 100 100 100
Ra/CRI	>80

Dallton Large - Spotlight Insert (DAL-L-RTQ 13_CH, 1xLED 43W 830/3000K 3150lm 50 °)

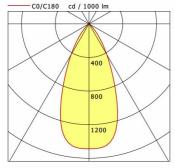


	C0	C90	C180	C270
0°	1224	1224	1224	1224
15°	1182	1182	1182	1182
30°	417	417	417	417
45°	89	89	89	89
60°	11	11	11	11
75°	0	0	0	0
90°	0	0	0	0
cd / 1000 lm				

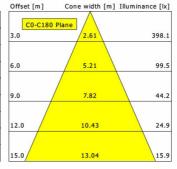


η	LED		
Efficiency	73 lm/W		
Direct/Indirect	↓ 100% / ↑ 0%		
System Power	43 W		
UGR	X=4H, Y=8H		
Reflection factors	70/50/20		
UGR C0/C180	16.8		
UGR C90/C270	16.8		
CIE Flux Codes	92 100 100 100 100		
Ra/CRI	>80		

Dallton Large - Spotlight Insert (DAL-L-RTQ 13_SW-MATT, 1xLED 43W 830/3000K 2410lm 50 °)

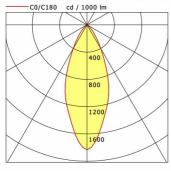


	C0	C90	C180	C270
0°	1487	1487	1487	1487
15°	1268	1268	1268	1268
30°	423	423	423	423
45°	55	55	55	55
60°	1	1	1	1
75°	0	0	0	0
90°	0	0	0	0
	cd / 1000 lm			



η	LEC		
Efficiency	56 lm/W		
Direct/Indirect	↓ 100% / ↑ 0%		
System Power	43 W		
UGR	X=4H, Y=8H		
Reflection factors	70/50/20		
UGR C0/C180	14.6		
UGR C90/C270	14.6		
CIE Flux Codes	96 100 100 100 100		
Ra/CRI	>80		

Dallton Large - Spotlight Insert (DAL-L-RTR 23_CH-SW, 1xLED 43W 830/3000K 3210lm 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	
	cd / 1000 lm				

Offset [m]	Cone width [m] Ill	uminance [lx]
C0-C180	Plane 2.21	653.5
6.0	4.42	163.4
9.0	6.63	72.6
12.0	8.84	40.8
15.0	11.04	26.1

η	LED	
Efficiency	75 lm/W	
Direct/Indirect	↓ 100% / ↑ 0%	
System Power	43 W	
UGR	X=4H, Y=8H	
Reflection factors	70/50/20	
UGR C0/C180	17.4	
UGR C90/C270	17.4	
CIE Flux Codes	94 100 100 100 100	
Ra/CRI	>80	

LTS

Recessed Spotlights · Dallton Large System

DAL-L-LK 102.830.50/DALI

Accessories





DAL-L-ZBW 13.23 honeycomb louvre



ZB-OR DONGLE Organic Response IR dongle kit



ZB-OR GATEWAYOrganic Response IoT Gateway Cascade Series



ZB-OR-R SENSOROrganic Response sensor for recessed mounting