

RGR

RGR2SQHP-CC-UNV

2" square high-powered regressed downlight

dals

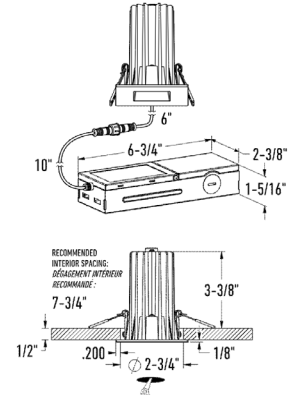
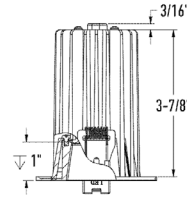
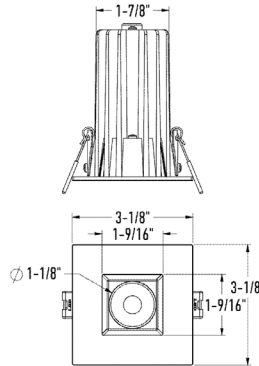
PROJECT

DATE

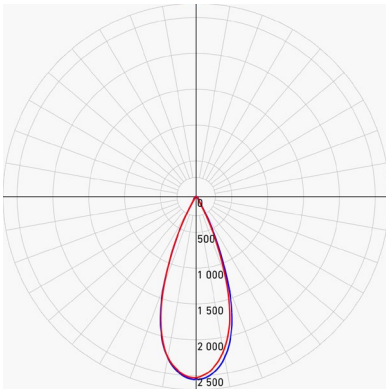
TYPE

QTY

NOTES



LIGHT DISTRIBUTION



Distance from luminaire	FC at Nadir	Diameter
4'	157.9 fc	2'-10"
6'	70.2 fc	4'-3"
8'	39.5 fc	5'-8"
10'	25.3 fc	7'-1"
12'	17.5 fc	8'-6"

*measured at 3000k

SPECS

Cut hole size (in)	2-3/4"
Watts (W)	14
Delivered lumens*	1200
Voltage (v)	120/277/347
FT rating	FT6
CRI	91
TM-30	Rf : 90 Rg : 101
Binning	3 SDCM
Beam angle (deg)	40
UGR	22
LED model	COB
Dimming	Triac / ELV / 0-10V
Color temperature	2700/3000/3500/4000/5000k

CONSTRUCTION

Lens material	Polycarbonate
Optic type	Optical lens

ELECTRICAL DETAILS

Location	Wet
Environment	Indoor/Outdoor
Operating temp. (° C)	-20 to 40
IP rating	IP65
Input voltage (V)	120-347
Input current (mA)	120 / 80 / 70
Output voltage (V)	33-37
Output current (mA)	300
Power factor (%)	96
Driver type	Constant current
THD	0.24
Lifetime @ L70	>60 000hrs

Finish type	Matte
Housing material	Aluminum

ORDERING GUIDE

RGR2SQHP-CC-UNV

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Finish

WH - White



BK - Black



CERTIFICATIONS

ETL listed UL-1598 and CSA C22.2 No. 250.0

Title 24-JA8, Energy Star, IC rated, Air-tight ASTM E283-04

Compliant to FCC Title 47 Part 15; Class B

ICES-005 Issue 5



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WHAT'S IN THE BOX

Recessed fixture

Junction box

3x push-in wire connectors

1/2" non-Metallic Connector

Instruction sheet

ACCESSORIES

REC-RFP-2

Rough-in template

RFP-UNI

Universal rough-in template

REC-RFP-DOUBLE23

Rough-in template

REC-EMD15

15w emergency battery

EXTENSIONS

REC-CDW-EXT8FT

96" extension cord for recessed fixtures

REC-CDW-EXT20FT

240" extension cord for recessed fixtures

WARRANTY

DALS offers a 5-year warranty from the date of purchase which covers repairs or replacement of defective parts of the housing, optics, and electronics. To contact DALs customer service call 1-877-430-1818 or send an e-mail to info@dals.com.

RECOMMENDED DIMMER LIST**

BRAND	MODEL	DIMMER SPECS	DIMMING RANGE %		MAX LOAD (units)
			MIN	MAX	
Dals	SM-DIMSW Smart Dimmer*	Triac, 250W LED/CFL	3	100	17
Lutron	DVCL-153PR-WH-C*	Triac, 150 W Dimmable CFL/LED	1	94	10
Lutron	CTCL-153PDH-WH-C*	Triac, 150 W Dimmable CFL/LED	1	94	10
Lutron	STCL-153PH-WH-C*	Triac, 150 W Dimmable CFL/LED	6	91	10
Lutron	MACL-153MRHW-WHC*	Triac, 150 W Dimmable CFL/LED	0	88	10
Lutron	DVELV-300P-WH	ELV, 300W	7	87	21
Lutron	MA-PRO-WH*	ELV, 250W LED/CFL	0	93	17
Lutron	Caseta PD-6WCL-WH-R-C*	Triac, 300W Dimmable CFL/LED	1	91	10
Lutron	Caseta PD-5NE-WH-C*	ELV, LED—up to 250 W	2	97	17
Lutron	Caseta PD-10NXD-WH*	Triac, LED—up to 250 W	0	90	17
Leviton	DSM10-1LZ*	Triac, 450W Dimmable CFL/LED	1	98	31
Leviton	6674*	Triac, 150 W Dimmable CFL/LED	3	97	10
Leviton	PL06-10Z*	Triac, 150 W Dimmable CFL/LED	3	97	10
Leviton	DSL06-1LZ*	Triac, 300 W Dimmable CFL/LED	3	97	21
Leviton	D26HD-742-1RW*	Triac, 300W LED/CFL	8	100	21
Legrand	RHCL453PNICCV4*	Triac, 450W Dimmable CFL/LED	10	96	31
Legrand	ADTP703TUM4*	Triac, 450W Dimmable CFL/LED	0	100	31
Control 4	C4-APD120-WH	ELV, 120W LED	0	100	8
Control 4	C4-FPD120-WH	Triac, 200W LED	0	100	14
Commercial Electric	HPDA311CWB*	Triac, 150W LED & CFL	10	100	10
TP-Link	HS220*	Triac, 150 W, Dimmable LED (MLV)	1	100	10
Lutron	DVSTV (0–10 V Controls)*	960W, 8A, 120–277 V	0	100	66
Leviton	IP710-DLZ(0–10 V Controls)	1200VA, 10A LED, 120-277V	0	100	83
Lutron	RMJS-8T-DV-B(0–10 V Controls)	960VA, 8A, 120-277V	0	100	66

*With low-end adjustment feature. **Some dimmers may produce minimal buzzing noise.

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Revision 0 | 2026-01



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