

RGR

RGR6SQ-CDW

6" square regressed downlight

dals

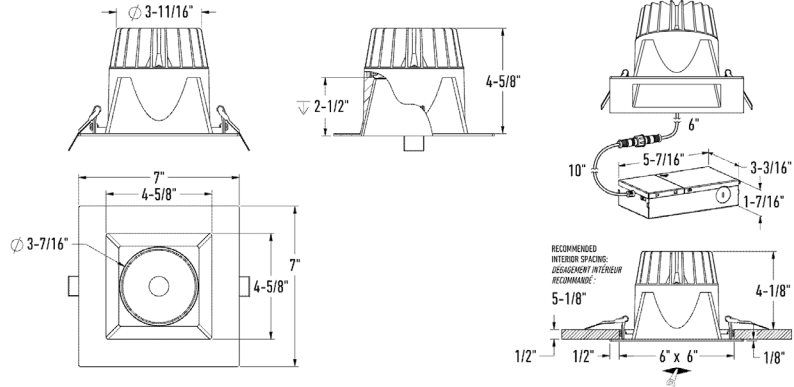
PROJECT

DATE

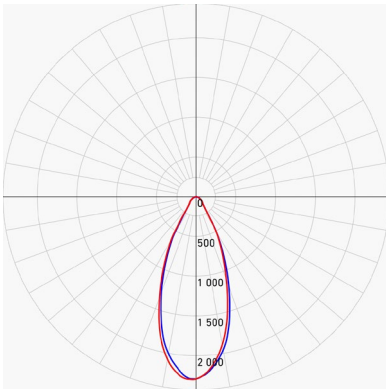
TYPE

QTY

NOTES



LIGHT DISTRIBUTION



Distance from luminaire	FC at Nadir	Diameter
4'	143.2 fc	2'-10"
6'	63.6 fc	4'-3"
8'	35.8 fc	5'-8"
10'	22.9 fc	7'-1"
12'	15.9 fc	8'-6"

*measured at 3000k

SPECS

Cut hole size (in)	Ø6-1/2"	
Watts (W)	20	
Delivered lumens*	1640	
Voltage (v)	120	
FT rating	FT6	
CRI	90	
TM-30	Rf : 90	Rg : 98
Binning	3 SDCM	
Beam angle (deg)	40	
UGR	28	
LED model	COB	
Dimming	Triac / ELV	
Color temperature	2700/3000/3500/4000/5000k + DW 3000-2200k	

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	
Input current (mA)	180	
Output voltage (V)	32-48	
Output current (mA)	470	
Power factor (%)	99	
Driver type	Constant current	
THD	13.44	
Lifetime @ L70	>50 000hrs	

Finish type	Matte
Housing material	Aluminum

ORDERING GUIDE

RGR6SQ-CDW

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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-46SQ

26" Rough-in template 4-1/2" x 4-1/2", 6" x 6"

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 DAL'S 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	4	100	12
Lutron	DVCL-153PR-WH-C*	Triac, 150 W Dimmable CFL/LED	4	100	7
Lutron	CTCL-153PDH-WH-C*	Triac, 150 W Dimmable CFL/LED	5	100	7
Lutron	STCL-153PH-WH-C*	Triac, 150 W Dimmable CFL/LED	9	100	7
Lutron	MACL-153MRHW-WHC*	Triac, 150 W Dimmable CFL/LED	0	100	7
Lutron	DVELV-300P-WH	300W electronic low voltage dimmer	7	96	15
Lutron	MA-PRO-WH*	ELV, 250W LED/CFL	0	100	12
Lutron	Caseta PD-6WCL-WH-R-C*	Triac, 300W Dimmable CFL/LED	3	100	7
Lutron	Caseta PD-5NE-WH-C*	ELV, LED—up to 250 W	6	100	12
Lutron	Caseta PD-10NXD-WH*	Triac, LED—up to 250 W	0	100	12
Leviton	DSM10-1LZ*	Triac, 450W Dimmable CFL/LED	7	100	22
Leviton	6674*	Triac, 150 W Dimmable CFL/LED	6	100	7
Leviton	PL06-10Z*	Triac, 150 W Dimmable CFL/LED	5	100	7
Leviton	DSL06-1LZ*	Triac, 300 W Dimmable CFL/LED	5	100	15
Leviton	D26HD-742-1RW*	Triac, 300W LED/CFL	8	100	15
Legrand	RHCL453PNICCV4*	Triac, 450W Dimmable CFL/LED	10	100	22
Legrand	ADTP703TUM4*	Triac, 450W Dimmable CFL/LED	0	100	22
Control 4	C4-APD120-WH	ELV, 120W LED	0	100	6
Control 4	C4-FPD120-WH	Triac, 200W LED	0	100	10
Commercial Electric	HPDA311CWB*	Triac, 150W LED & CFL	9	100	7
TP-Link	HS220*	Triac, 150 W, Dimmable LED (MLV)	3	100	7

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



