



DALS LIGHTING

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MODEL RGR6SQ-CC

NAME RGR

6 Inch Square regressed Downlight
This versatile modern thin-trim gimbal with multi-directional adjustable swivel produces a high light output with minimal glare as a result of its regressed light source. Ideal for general lighting or for areas requiring a directional light to showcase unique elements or to create



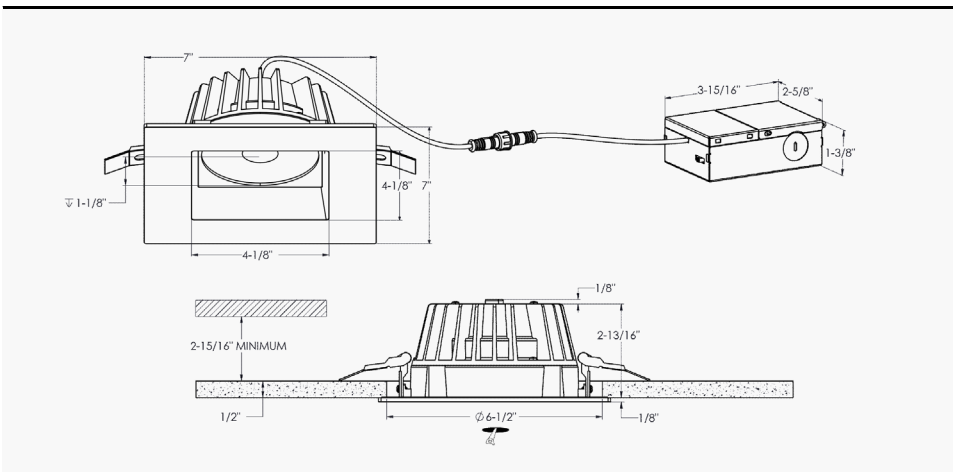
PROJECT

TYPE

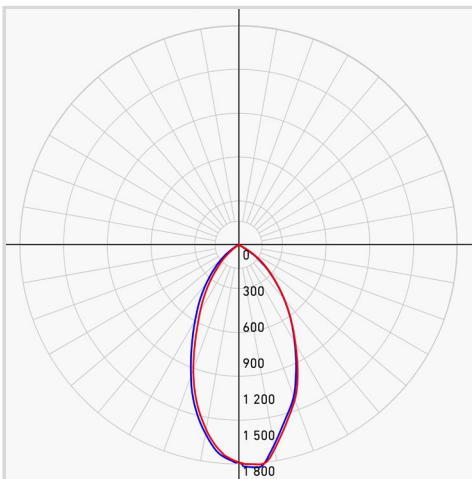
DATE

QTY

NOTES



LIGHT DISTRIBUTION



*Lumen output measured at 3000k

QUICK SPECS

Size	6"
Watts (W)	20
Delivered lumens*	1940
CRI	90
Voltage (v)	120
Beam angle (deg)	40
Cut hole size (in)	6-1/2"
FT rating	FT6
UGR	13.6
Binning	3 SDCM
LED model	COB
Color temperature	2700K/3000K/3500K/4000K/5000K
Certifications	ETL, FCC, ICES, JA8/T24, ES, IC, ASTM E283-04

ELECTRICAL DETAILS

Environment	Wet
Location	Indoor/Outdoor
Operating temp. (° C)	-20 to 40
IP rating	IP65
Input voltage (V)	108-135
Output voltage (V)	35
Output current (mA)	500
Power factor (%)	97
Driver type	Constant current
THD	15%
Lifespan (hrs)	50 000

ORDERING GUIDE

RGR6-CC	-	Voltage	-	Finish
BLANK	-	120v, TRIAC		WH - White
V	-	120-277-347V, 0-10v		BK - Black
				SN - Satin nickel

CONSTRUCTION

Lens material	Acrylic
Optic type	Optical lens
Finish type	Matte
Housing material	Aluminum

WHAT'S IN THE BOX

LED recessed fixture
Junction box
3x Push-in wire connectors
Non-Metallic Connector 1/2in
Instruction sheet

ACCESSORIES

RFP-46
Drilling plate
RFP-UNI
Universal drilling plate
REC-EMD08
8w Emergency battery

ADAPTORS

REC-CC-EXT8FT
96" extension cord for recessed fixtures
REC-CC-EXT20FT
240" extension cord for recessed fixtures

RECOMMENDED DIMMER LIST*

BRAND	MODEL	DIMMER SPECS	DIMMING RANGE %		MAX LOAD (units)
			MIN	MAX	
Lutron	DVCL-153PR-WH-C*	Triac, 150 W Dimmable CFL/LED	6	100	8
Lutron	CTCL-153PDH-WH-C*	Triac, 150 W Dimmable CFL/LED	6	100	8
Lutron	STCL-153PH-WH-C*	Triac, 150 W Dimmable CFL/LED	1	99	8
Lutron	MACL-153MRHW-WHC*	Triac, 150 W Dimmable CFL/LED	0	100	8
Lutron	DVELV-300P-WH	300W electronic low voltage dimmer	7	100	15
Lutron	MA-PRO-WH*	ELV, 250W LED/CFL	0	100	13
Lutron	Caseta PD-6WCL-WH-R-C*	Triac, 300W Dimmable CFL/LED	0	100	8
Lutron	Caseta PD-5NE-WH-C*	ELV, LED—up to 250 W	3	100	13
Leviton	DSM10-1LZ*	Triac, 450W Dimmable CFL/LED	1	100	23
Leviton	¶PL06-10Z*	Triac, 150 W Dimmable CFL/LED	7	100	8
Leviton	D26HD-742-1RW*	Triac, 300W LED/CFL	9	100	15
Legrand	ADTP703TUM4*	Triac,450W Dimmable CFL/LED	8	100	23
Legrand	RHL373PW*	Triac, 250W LED	3	100	13
Control 4	C4-APD120-WH	ELV, 120W LED	0	100	6
Control 4	C4-FPD120-WH	Triac, 200W LED	0	100	10
TP-Link	HS220*	Triac, 150 W, Dimmable LED (MLV)	3	66	8

V version 0-10v dimming

Lutron	DVSTV (0–10 V Controls)*	960W, 8A, 120–277 V	1	96	48
Leviton	IP710-DLZ(0–10 V Controls)	1200VA, 10A LED, 120-277V	0	100	60
Leviton	ZS057-30Z(0–10 V Controls)	1388VA, 4A , 347V	0	100	40
Lutron	Vive PowPak Dimming ModuleRMJS-8T-D' 960VA, 8A, 120-277V		0	100	0

*With Low-End Adjustment Feature. Minimal buzzing noise may occur with some dimmers.

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.