

# RGR

RGR4SQ-CDW

4" round regressed downlight

dals

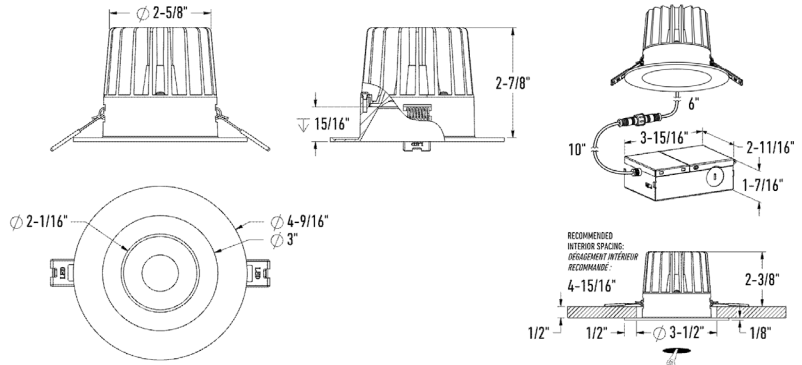
PROJECT

DATE

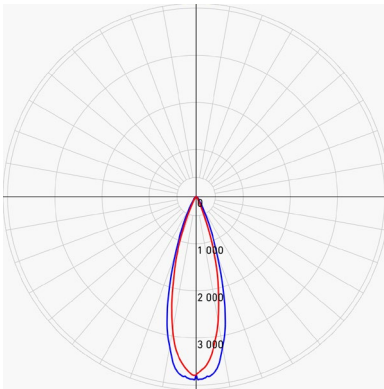
TYPE

QTY

NOTES



## LIGHT DISTRIBUTION



| Distance from luminaire | FC at Nadir | Diameter |
|-------------------------|-------------|----------|
| 4'                      | 236.4 fc    | 2'       |
| 6'                      | 105.1 fc    | 3'-1"    |
| 8'                      | 59.1 fc     | 4'-1"    |
| 10'                     | 37.8 fc     | 5'-1"    |
| 12'                     | 26.3 fc     | 6'-1"    |

\*measured at 3000k

## SPECS

|                    |                                           |
|--------------------|-------------------------------------------|
| Cut hole size (in) | 4-1/4"                                    |
| Watts (W)          | 14                                        |
| Delivered lumens*  | 1180                                      |
| Voltage (v)        | 120                                       |
| FT rating          | FT6                                       |
| CRI                | 93                                        |
| TM-30              | Rf : 92 Rg : 100                          |
| Binning            | 3 SDCM                                    |
| Beam angle (deg)   | 30                                        |
| UGR                | 18                                        |
| 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)    | 140              |
| Output voltage (V)    | 32-48            |
| Output current (mA)   | 320              |
| Power factor (%)      | 98               |
| Driver type           | Constant current |
| THD                   | 12.94            |
| Lifetime @ L70        | >50 000hrs       |

|                  |          |
|------------------|----------|
| Finish type      | Matte    |
| Housing material | Aluminum |

## ORDERING GUIDE

RGR4SQ-CDW

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Finish

WH - White



BK - Black



SN - Satin nickel



## 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-35**  
26" Rough-in template Ø3-1/2"

**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 DAL'S customer service call 1-877-430-1818 or send an e-mail to [info@dals.com](mailto:info@dals.com).

RECOMMENDED DIMMER LIST\*\*

| BRAND     | MODEL                  | DIMMER SPECS                       | DIMMING RANGE % |     | MAX LOAD<br>(units) |
|-----------|------------------------|------------------------------------|-----------------|-----|---------------------|
|           |                        |                                    | MIN             | MAX |                     |
| Dals      | SM-DIMSW Smart Dimmer* | Triac, 250W LED/CFL                | 5               | 100 | 17                  |
| Lutron    | DVCL-153PR-WH-C*       | Triac, 150 W Dimmable CFL/LED      | 6               | 100 | 10                  |
| Lutron    | CTCL-153PDH-WH-C*      | Triac, 150 W Dimmable CFL/LED      | 6               | 100 | 10                  |
| Lutron    | MACL-153MRHW-WHC*      | Triac, 150 W Dimmable CFL/LED      | 0               | 100 | 10                  |
| Lutron    | DVELV-300P-WH          | 300W electronic low voltage dimmer | 9               | 99  | 21                  |
| Lutron    | MA-PRO-WH*             | ELV, 250W LED/CFL                  | 0               | 100 | 17                  |
| Lutron    | Caseta PD-6WCL-WH-R-C* | Triac, 300W Dimmable CFL/LED       | 8               | 100 | 10                  |
| Lutron    | Caseta PD-5NE-WH-C*    | ELV, LED—up to 250 W               | 5               | 100 | 17                  |
| Lutron    | Caseta PD-10NXD-WH*    | Triac, LED—up to 250 W             | 0               | 100 | 17                  |
| Leviton   | DSM10-1LZ*             | Triac, 450W Dimmable CFL/LED       | 9               | 100 | 31                  |
| Leviton   | 6674*                  | Triac, 150 W Dimmable CFL/LED      | 8               | 100 | 10                  |
| Leviton   | PL06-10Z*              | Triac, 150 W Dimmable CFL/LED      | 8               | 100 | 10                  |
| Leviton   | DSL06-1LZ*             | Triac, 300 W Dimmable CFL/LED      | 7               | 100 | 21                  |
| 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                  |
| TP-Link   | HS220*                 | Triac, 150 W, Dimmable LED (MLV)   | 5               | 100 | 10                  |

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



