

# PIVOT

FGM2-CDW

2" flat round gimbal recessed

dals

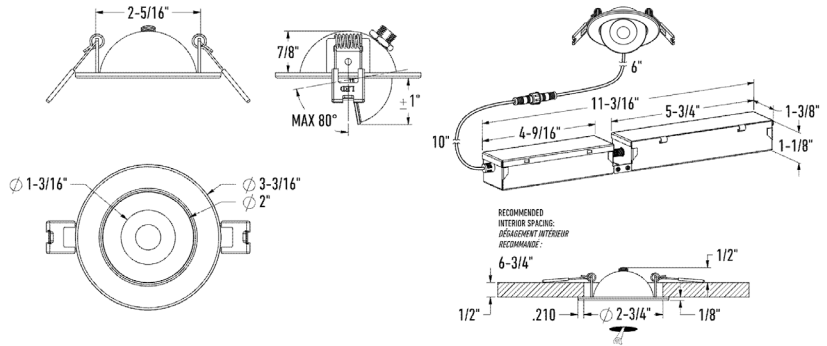
PROJECT

DATE

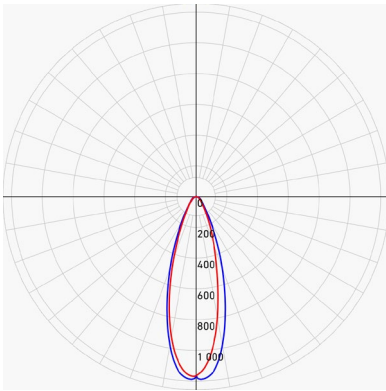
TYPE

QTY

NOTES



## LIGHT DISTRIBUTION



| Distance from luminaire | FC at Nadir | Diameter |
|-------------------------|-------------|----------|
| 4'                      | 72.7 fc     | 2'       |
| 6'                      | 32.3 fc     | 3'       |
| 8'                      | 18.2 fc     | 4'       |
| 10'                     | 11.6 fc     | 5'       |
| 12'                     | 8.1 fc      | 5'-11"   |

\*measured at 3000k

## SPECS

|                    |                                           |          |
|--------------------|-------------------------------------------|----------|
| Cut hole size (in) | 2-3/4"                                    |          |
| Watts (W)          | 7                                         |          |
| Delivered lumens*  | 575                                       |          |
| Voltage (v)        | 120                                       |          |
| FT rating          | FT6                                       |          |
| CRI                | 93                                        |          |
| TM-30              | Rf : 91                                   | Rg : 101 |
| Binning            | 3 SDCM                                    |          |
| Beam angle (deg)   | 30                                        |          |
| UGR                | 26                                        |          |
| 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)    | 70               |       |
| Output voltage (V)    | 32-48            |       |
| Output current (mA)   | 160              |       |
| Power factor (%)      | 99               |       |
| Driver type           | Constant current |       |
| THD                   | 0.17             |       |
| Lifetime @ L70        | >50 000hrs       |       |

## ORDERING GUIDE

|          |   |        |
|----------|---|--------|
| FGM2-CDW | - |        |
|          |   | 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**  
26" Rough-in template Ø2-1/4", Ø2-3/4"

**RFP-UNI**  
Universal rough-in template

**REC-EMD08**  
8w 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              | 2               | 100 | 36                  |
| Lutron              | DVCL-153PR*            | Triac, 150 W Dimmable CFL/LED    | 3               | 100 | 21                  |
| Lutron              | CTCL-153PDH*           | Triac, 150 W Dimmable CFL/LED    | 5               | 100 | 21                  |
| Lutron              | STCL-153PH*            | Triac, 150 W Dimmable CFL/LED    | 4               | 100 | 21                  |
| Lutron              | DVLV-600P-BL           | MLV, 450W                        | 4               | 100 | 64                  |
| Lutron              | MACL-153MRHW*          | Triac, 150 W Dimmable CFL/LED    | 3               | 100 | 21                  |
| Lutron              | DVELV-300P             | ELV, 300W                        | 5               | 100 | 43                  |
| Lutron              | MA-PRO*                | ELV, 250W LED/CFL                | 0               | 100 | 36                  |
| Lutron              | Caseta PD-6WCL*        | Triac, 300W Dimmable CFL/LED     | 1               | 100 | 21                  |
| Lutron              | Caseta PD-5NE*         | ELV, LED—up to 250 W             | 1               | 100 | 36                  |
| Lutron              | Caseta PD-10NXD*       | Triac, LED—up to 250 W           | 0               | 100 | 36                  |
| Leviton†            | 6672-1LW               | Triac, 150W Dimmable CFL/LED     | 6               | 100 | 21                  |
| Leviton             | DSM10*                 | Triac, 450W Dimmable CFL/LED     | 5               | 100 | 64                  |
| Leviton             | 6674*                  | Triac, 150 W Dimmable CFL/LED    | 5               | 100 | 21                  |
| Leviton             | IPL06-10Z*             | Triac, 150 W Dimmable CFL/LED    | 4               | 100 | 21                  |
| Leviton             | DSL06*                 | Triac, 300 W Dimmable CFL/LED    | 4               | 100 | 43                  |
| Leviton             | D26HD-742-1RW*         | Triac, 300W LED/CFL              | 5               | 100 | 43                  |
| Legrand             | RHCL453PNICCV4*        | Triac, 450W Dimmable CFL/LED     | 5               | 100 | 64                  |
| Legrand             | ADTP703TUM4*           | Triac, 450W Dimmable CFL/LED     | 0               | 100 | 64                  |
| Legrand             | RHL373PW*              | Triac, 250W LED                  | 6               | 100 | 36                  |
| Control 4           | C4-APD120              | ELV, 120W LED                    | 0               | 100 | 17                  |
| Control 4           | C4-FPD120              | Triac, 200W LED                  | 0               | 100 | 29                  |
| Commercial Electric | HPDA311CWB*            | Triac, 150W LED & CFL            | 0               | 100 | 21                  |
| TP-Link             | HS220*                 | Triac, 150 W, Dimmable LED (MLV) | 1               | 100 | 21                  |
| Leviton             | RDL06-10Z              | Triac, 150W LED & CFL            | 5               | 100 | 21                  |

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

**FGM2-CDW**

Revision 0 | 2026-03



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