

MODA

RC03-CC

3in Square Modular Recessed



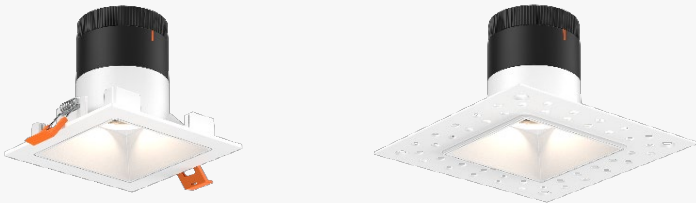
PROJECT

DATE

TYPE

QTY

NOTES



QUICK SPECS

|                    |                               |          |
|--------------------|-------------------------------|----------|
| Cut hole size (in) | 3-1/2" x 3-1/2"               |          |
| Watts (W)          | 8/10/12                       |          |
| Delivered lumens*  | 1000                          |          |
| Voltage (v)        | 120/277/347                   |          |
| FT rating          | FT6                           |          |
| CRI                | 90                            |          |
| TM-30              | Rf : 89                       | Rg : 100 |
| Binning            | 3 SDCM                        |          |
| Beam angle (deg)   | 20/35/60                      |          |
| UGR                | <18                           |          |
| LED model          | COB                           |          |
| Color temperature  | 2700K/3000K/3500K/4000K/5000K |          |

ELECTRICAL DETAILS

|                       |                     |    |    |
|-----------------------|---------------------|----|----|
| Operating temp. (° C) | -20                 | to | 40 |
| IP rating             | IP65                |    |    |
| Input voltage (V)     | 120-347             |    |    |
| Output voltage (V)    | 35.4                |    |    |
| Output current (mA)   | 256                 |    |    |
| Power factor (%)      | 92                  |    |    |
| Driver type           | Constant current    |    |    |
| Dimming               | Triac / ELV / 0-10v |    |    |
| THD                   | 18.2%               |    |    |
| Lifetime @ L70        | >50 000hrs          |    |    |

CONSTRUCTION

|                  |                |
|------------------|----------------|
| Environment      | Wet            |
| Location         | Indoor/Outdoor |
| Housing material | Aluminum       |
| Finish type      | Painted        |
| Lens material    | Acrylic        |
| Optic type       | Optical lens   |

CERTIFICATIONS

|                                                   |         |     |                     |
|---------------------------------------------------|---------|-----|---------------------|
| ETL listed                                        | UL-1598 | and | CSA C22.2 No. 250.0 |
| Energy Star, Title 24-JA8, IC rated, ASTM E283-04 |         |     |                     |

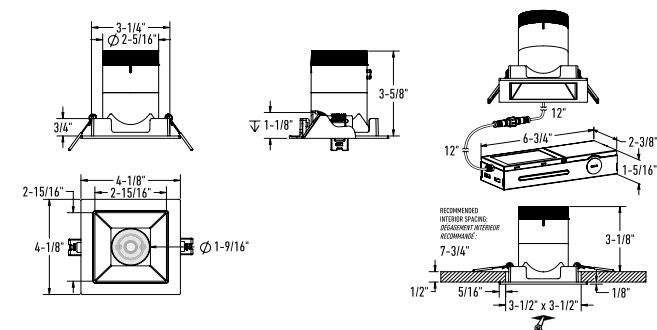
|              |                               |
|--------------|-------------------------------|
| Compliant to | FCC Title 47 Part 15; Class B |
|              | ICES-005 Issue 5              |

ORDERING GUIDE

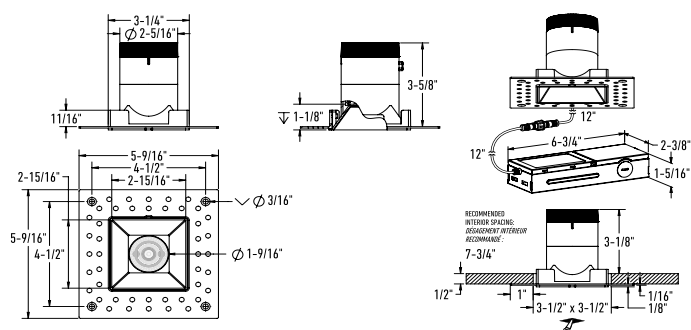
| RC03-CC                                                          | -  |                 | -   |                  | -                |            |       |                   |
|------------------------------------------------------------------|----|-----------------|-----|------------------|------------------|------------|-------|-------------------|
| Light module                                                     |    | Beam angle      |     | Reflector type   | Reflector finish | Trim style |       |                   |
| UNIVERSAL DRIVER<br>120-277-347V<br>TRIAC / ELV<br>0-10v dimming | 20 | 20° narrow beam | RSQ | Square reflector | AZ               | Alzak      | TLSQ  | Square trimless   |
|                                                                  | 35 | 35° medium beam |     |                  | BK               | Black      | TSQBK | Square black trim |
|                                                                  | 60 | 60° wide beam   |     |                  | GD               | Gold       | TSQGD | Square gold trim  |
|                                                                  |    |                 |     |                  | WH               | White      | TSQWH | Square white trim |

DIMENSIONS

RC03-CC-XX-RSQXX-TSQXX



RC03-CC-XX-RSQXX-TLSQ



LIGHT DISTRIBUTION \*Lumen output measured at 3000k

| Distance from luminaire | FC at Nadir 20° | Diameter |
|-------------------------|-----------------|----------|
| 4'                      | 183.8 fc        | 1'-4"    |
| 6'                      | 81.7 fc         | 2'       |
| 8'                      | 46.0 fc         | 2'-8"    |
| 10'                     | 29.4 fc         | 3'-4"    |
| 12'                     | 20.4 fc         | 4'       |

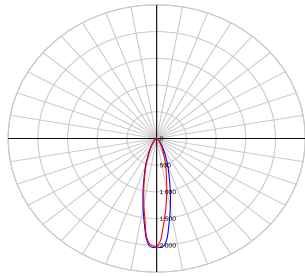
| Distance from luminaire | FC at Nadir 35° | Diameter |
|-------------------------|-----------------|----------|
| 4'                      | 114.9 fc        | 2'-10"   |
| 6'                      | 51.1 fc         | 4'-3"    |
| 8'                      | 28.7 fc         | 5'-7"    |
| 10'                     | 18.4 fc         | 7'       |
| 12'                     | 12.8 fc         | 8'-5"    |

| Distance from luminaire | FC at Nadir 60° | Diameter |
|-------------------------|-----------------|----------|
| 4'                      | 60.7 fc         | 4'-8"    |
| 6'                      | 27.0 fc         | 7'       |
| 8'                      | 15.2 fc         | 9'-4"    |
| 10'                     | 9.7 fc          | 11'-8"   |
| 12'                     | 6.7 fc          | 14'      |

20° beam angle

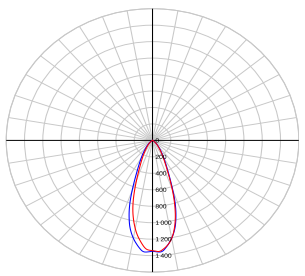
8w

609lm



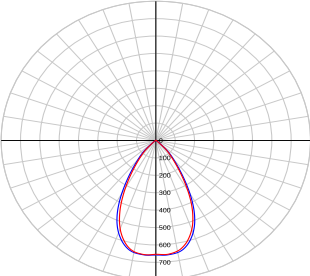
10w

765lm



12w

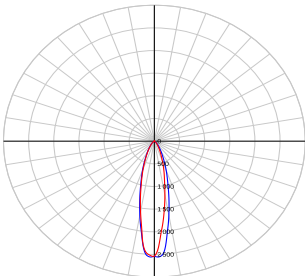
889lm



35° beam angle

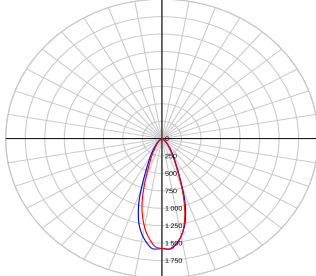
8w

678lm



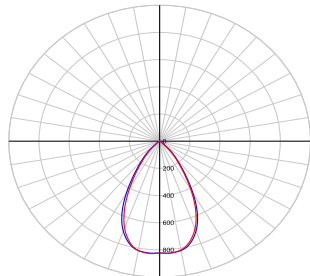
10w

801lm



12w

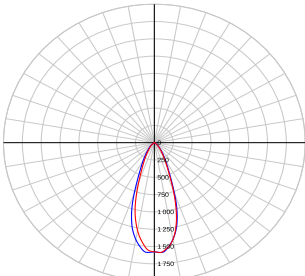
937lm



60° beam angle

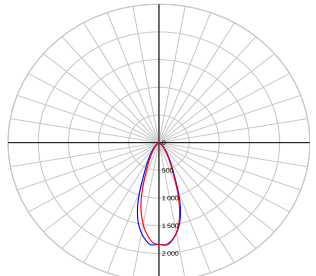
8w

650lm



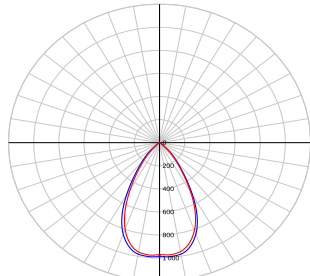
10w

818lm



12w

970lm



**WHAT'S IN THE BOX**

Complete LED recessed fixture  
Junction box  
3x Push-in wire connectors  
2x wire nuts  
Instruction sheet

**ACCESSORIES**

**REC-RFP-35SQ**  
Drilling plate  
**REC-EMD8**  
8w Emergency battery  
**REC-EMD15**  
15w Emergency battery

**ADAPTORS**

**REC-3K-EXT8FT**  
96" extension cord for recessed fixtures  
**REC-3K-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                | Compatible | 5               | 100 | 21                  |
| Lutron       | DVCL-153PR-WH-C*           | Triac, 150 W Dimmable CFL/LED      | Compatible | 2               | 100 | 13                  |
| Lutron       | CTCL-153PDH-WH-C*          | Triac, 150 W Dimmable CFL/LED      | Compatible | 2               | 100 | 13                  |
| Lutron       | STCL-153PH-WH-C*           | Triac, 150 W Dimmable CFL/LED      | Compatible | 0               | 100 | 13                  |
| Lutron       | MACL-153MRHW-WHC*          | Triac, 150 W Dimmable CFL/LED      | Compatible | 0               | 100 | 13                  |
| Lutron       | DVELV-300P-WH              | 300W electronic low voltage dimmer | Compatible | 7               | 100 | 25                  |
| Lutron       | MA-PRO-WH*                 | ELV, 250W LED/CFL                  | Compatible | 0               | 100 | 21                  |
| Lutron       | Caseta PD-6WCL-WH-R-C*     | Triac, 300W Dimmable CFL/LED       | Compatible | 0               | 100 | 13                  |
| Lutron       | Caseta PD-5NE-WH-C*        | ELV, LED—up to 250 W               | Compatible | 2               | 100 | 21                  |
| Lutron       | Caseta PD-10NXD-WH*        | Triac, LED—up to 250 W             | Compatible | 0               | 100 | 21                  |
| Leviton      | DSM10-1LZ*                 | Triac, 450W Dimmable CFL/LED       | Compatible | 3               | 100 | 38                  |
| Leviton      | 6674*                      | Triac, 150 W Dimmable CFL/LED      | Compatible | 5               | 100 | 13                  |
| Leviton      | PL06-10Z*                  | Triac, 150 W Dimmable CFL/LED      | Compatible | 4               | 100 | 13                  |
| Leviton      | DSL06-1LZ*                 | Triac, 150 W Dimmable CFL/LED      | Compatible | 4               | 100 | 13                  |
| Leviton      | D26HD-742-1RW*             | Triac, 300W LED/CFL                | Compatible | 8               | 100 | 25                  |
| Legrand      | ADTP703TUM4*               | Triac, 450W Dimmable CFL/LED       | Compatible | 0               | 100 | 38                  |
| Legrand      | RHL373PW*                  | Triac, 250W LED                    | Compatible | 3               | 100 | 21                  |
| Control 4    | C4-APD120-WH               | ELV, 120W LED                      | Compatible | 0               | 100 | 10                  |
| Commercial I | HPDA311CWB*                | Triac, 150W LED & CFL              | Compatible | 0               | 100 | 13                  |
| TP-Link      | HS220*                     | Triac, 150 W, Dimmable LED (MLV)   | Compatible | 3               | 100 | 13                  |
| Lutron       | DVSTV (0–10 V Controls)*   | 960W, 8A, 120–277 V                | Compatible | 0               | 100 | 80                  |
| Leviton      | IP710-DLZ(0–10 V Controls) | 1200VA, 10A LED, 120–277V          | Compatible | 0               | 100 | 100                 |
| Leviton      | ZS057-30Z(0–10 V Controls) | 1388VA, 4A, 347V                   | Compatible | 0               | 100 | 67                  |
| Lutron       | Vive PowPak Dimming Module | 960VA, 8A, 120–277V                | Compatible | 0               | 100 | 80                  |

\*With Low-End Adjustment Feature

\*\*Minimal buzzing noise may occur with some dimmers

**RC03-CC**

Revision 0 | 2026-05



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