

# MODA

RC04-CC

4in Modular Recessed



|         |  |
|---------|--|
| PROJECT |  |
| DATE    |  |
| TYPE    |  |
| QTY     |  |
| NOTES   |  |



## QUICK SPECS

|                    |                               |
|--------------------|-------------------------------|
| Cut hole size (in) | 4-1/4"                        |
| Watts (W)          | 16/20/24                      |
| Delivered lumens*  | 2200                          |
| Voltage (v)        | 120/277/347                   |
| FT rating          | FT6                           |
| CRI                | 91                            |
| TM-30              | Rf : 90      Rg : 99          |
| Binning            | 3 SDCM                        |
| Beam angle (deg)   | 20/35/60                      |
| UGR                | <22                           |
| 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)    | 34.7                |
| Output current (mA)   | 575                 |
| Power factor (%)      | 92                  |
| Driver type           | Constant current    |
| Dimming               | Triac / ELV / 0-10v |
| THD                   | 19.6%               |
| 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

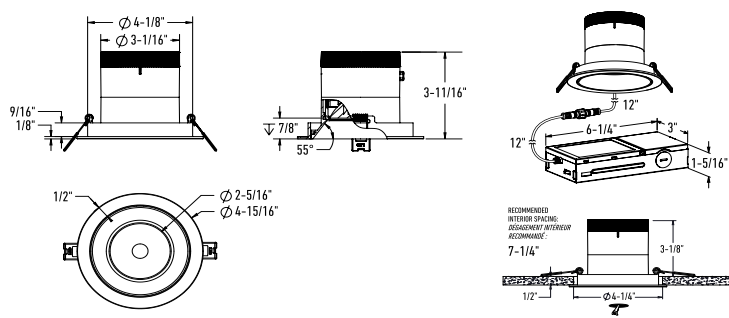
ICES-005 Issue 38

## ORDERING GUIDE

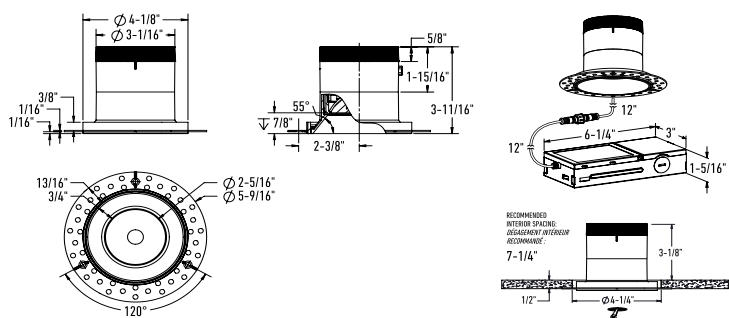
| RC04-CC                                                                 | -         |                 | -          |                 | -                |            |                                                                                               |                  |
|-------------------------------------------------------------------------|-----------|-----------------|------------|-----------------|------------------|------------|-----------------------------------------------------------------------------------------------|------------------|
| Light module                                                            |           | Beam angle      |            | Reflector type  | Reflector finish | Trim style |                                                                                               |                  |
| <b>UNIVERSAL DRIVER</b><br>120-277-347V<br>TRIAC / ELV<br>0-10v dimming | <b>20</b> | 20° narrow beam | <b>RG</b>  | Regular ceiling | <b>AZ</b>        | Alzak      | <b>TL</b>                                                                                     | Round trimless   |
|                                                                         | <b>35</b> | 35° medium beam | <b>SL</b>  | Sloped ceiling  | <b>BK</b>        | Black      | <b>TBK</b>                                                                                    | Round black trim |
|                                                                         | <b>60</b> | 60° wide beam   | <b>GMB</b> | Gimbal          | <b>GD</b>        | Gold       | <b>TGD</b>                                                                                    | Round gold trim  |
|                                                                         |           |                 |            |                 | <b>WH</b>        | White      | <b>TWH</b>                                                                                    | Round white trim |
|                                                                         |           |                 | <b>WW</b>  | Wall wash       | <b>BK</b>        | Black      | <i>The wall wash option integrates the reflector and trim into a single unit. Leave blank</i> |                  |
|                                                                         |           |                 |            | <b>WH</b>       | White            |            |                                                                                               |                  |

DIMENSIONS

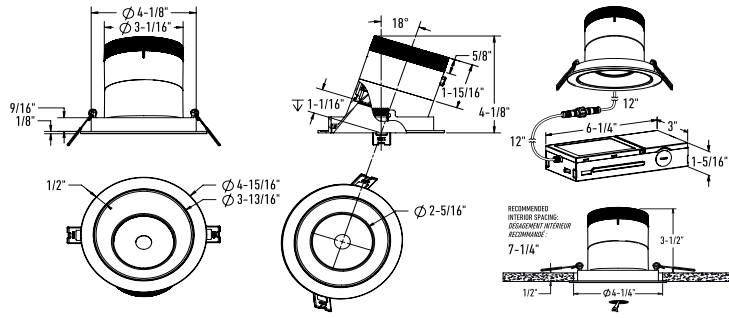
RC04-XX-RGXX-TXX



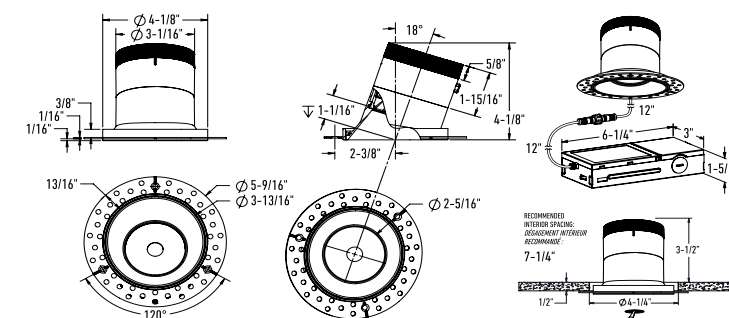
RC04-XX-RGXX-TL



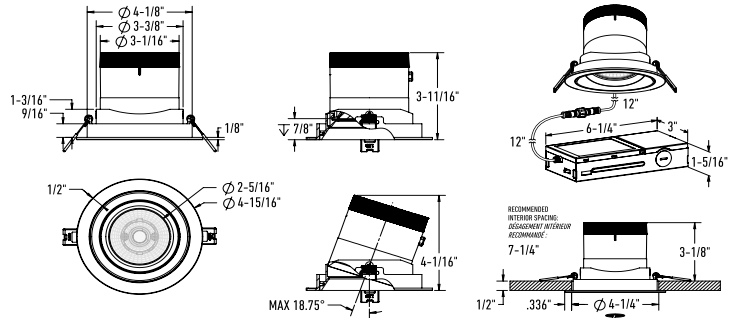
RC04-XX-SLXX-TXX



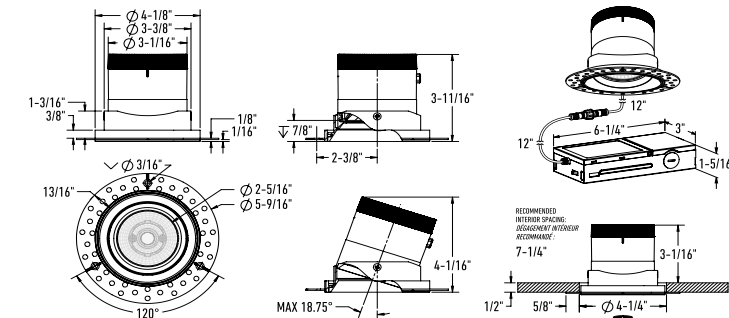
RC04-XX-SLXX-TL



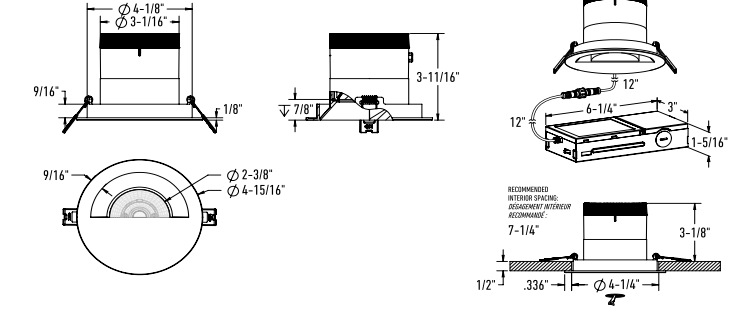
RC04-CC-XX-GMBXX-TXX



RC04-CC-XX-GMBXX-TL



RC04-CC-XX-WWXX



| Distance from luminaire | FC at Nadir 20° | Diameter |
|-------------------------|-----------------|----------|
| 4'                      | 650.4 fc        | 1'-4"    |
| 6'                      | 289.1 fc        | 2'       |
| 8'                      | 162.6 fc        | 2'-9"    |
| 10'                     | 104.1 fc        | 3'-5"    |
| 12'                     | 72.3 fc         | 4'-1"    |

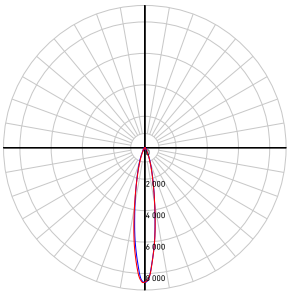
| Distance from luminaire | FC at Nadir 35° | Diameter |
|-------------------------|-----------------|----------|
| 4'                      | 273.1 fc        | 2'-10"   |
| 6'                      | 121.4 fc        | 4'-3"    |
| 8'                      | 68.3 fc         | 5'-8"    |
| 10'                     | 43.7 fc         | 7'-2"    |
| 12'                     | 30.3 fc         | 8'-7"    |

| Distance from luminaire | FC at Nadir 60° | Diameter |
|-------------------------|-----------------|----------|
| 4'                      | 141.0 fc        | 4'-9"    |
| 6'                      | 62.6 fc         | 7'-1"    |
| 8'                      | 35.2 fc         | 9'-6"    |
| 10'                     | 22.6 fc         | 11'-10"  |
| 12'                     | 15.7 fc         | 14'-2"   |

20° beam angle

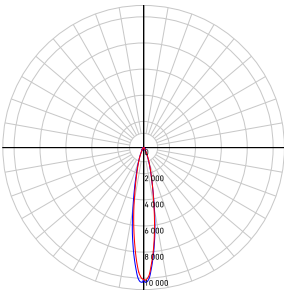
16w

1506lm



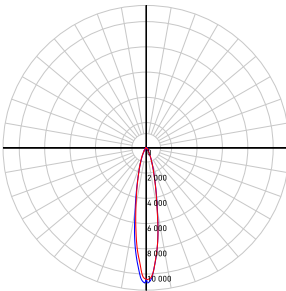
20w

1786lm



24w

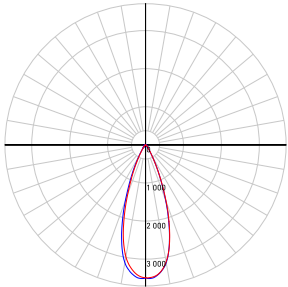
2164lm



35° beam angle

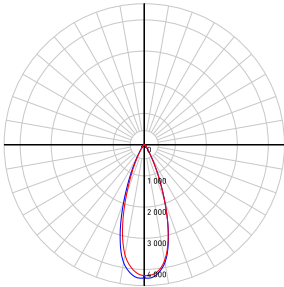
16w

1518lm



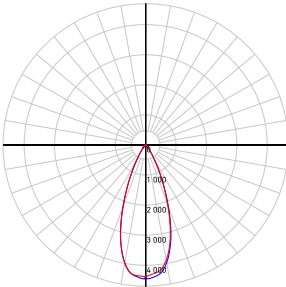
20w

1835lm



24w

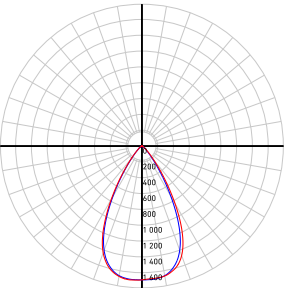
2226lm



60° beam angle

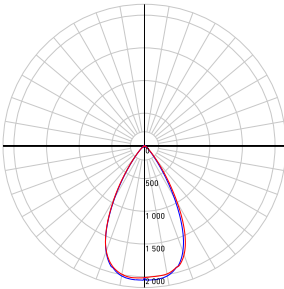
16w

1582lm



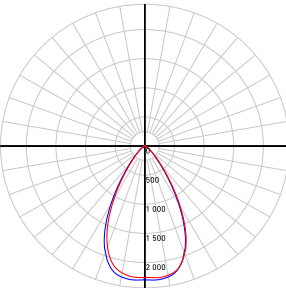
20w

1904lm



24w

2242lm

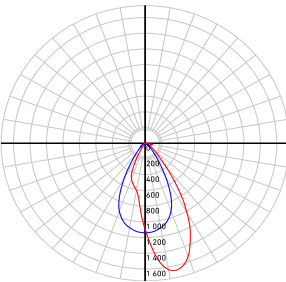


Wall wash (Ideal with 60° beam angle)

24w

60°

1240lm



**WHAT'S IN THE BOX**

Complete LED recessed fixture

Junction box

3x Push-in wire connectors

2x wire nuts

Instruction sheet

**ACCESSORIES**

[RFP-46](#)

Drilling plate

[RFP-UNI](#)

Universal drilling plate

[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 (units) |
|-----------|-------------------------------|------------------------------------|------------|-----------------|-----|------------------|
|           |                               |                                    |            | MIN             | MAX |                  |
| Dals      | SM-DIMSW Smart Dimmer*        | Triac, 250W LED/CFL                | Compatible | 8               | 100 | 10               |
| Lutron    | DVCL-153PR-WH-C*              | Triac, 150 W Dimmable CFL/LED      | Compatible | 5               | 100 | 6                |
| Lutron    | CTCL-153PDH-WH-C*             | Triac, 150 W Dimmable CFL/LED      | Compatible | 5               | 100 | 6                |
| Lutron    | STCL-153PH-WH-C*              | Triac, 150 W Dimmable CFL/LED      | Compatible | 1               | 100 | 6                |
| Lutron    | MACL-153MRHW-WHC*             | Triac, 150 W Dimmable CFL/LED      | Compatible | 1               | 100 | 6                |
| Lutron    | DVELV-300P-WH                 | 300W electronic low voltage dimmer | Compatible | 9               | 100 | 12               |
| Lutron    | MA-PRO-WH*                    | ELV, 250W LED/CFL                  | Compatible | 2               | 100 | 10               |
| Lutron    | Caseta PD-6WCL-WH-R-C*        | Triac, 300W Dimmable CFL/LED       | Compatible | 1               | 100 | 6                |
| Lutron    | Caseta PD-5NE-WH-C*           | ELV, LED—up to 250 W               | Compatible | 4               | 100 | 10               |
| Lutron    | Caseta PD-10NXD-WH*           | Triac, LED—up to 250 W             | Compatible | 1               | 100 | 10               |
| Leviton   | 6674*                         | Triac, 150 W Dimmable CFL/LED      | Compatible | 8               | 100 | 6                |
| Leviton   | IPL06-10Z*                    | Triac, 150 W Dimmable CFL/LED      | Compatible | 7               | 100 | 6                |
| Leviton   | DSL06-1LZ*                    | Triac, 150 W Dimmable CFL/LED      | Compatible | 6               | 100 | 6                |
| Legrand   | ADTP703TUM4*                  | Triac,450W Dimmable CFL/LED        | Compatible | 0               | 100 | 18               |
| Legrand   | RHL373PW*                     | Triac, 250W LED                    | Compatible | 6               | 100 | 10               |
| Control 4 | C4-APD120-WH                  | ELV, 120W LED                      | Compatible | 0               | 100 | 5                |
| Control 4 | C4-FPD120-WH                  | Triac, 200W LED                    | Compatible | 0               | 100 | 8                |
| TP-Link   | HS220*                        | Triac, 150 W, Dimmable LED (MLV)   | Compatible | 5               | 100 | 6                |
| Lutron    | DVSTV (0–10 V Controls)*      | 960W, 8A, 120–277 V                | Compatible | 0               | 100 | 38               |
| Leviton   | IP710-DLZ(0–10 V Controls)    | 1200VA, 10A LED, 120-277V          | Compatible | 0               | 100 | 48               |
| Leviton   | ZS057-30Z(0–10 V Controls)    | 1388VA, 4A , 347V                  | Compatible | 0               | 100 | 32               |
| Lutron    | RMJS-8T-DV-B(0–10 V Controls) | 960VA, 8A, 120-277V                | Compatible | 0               | 100 | 38               |

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