

# NEST

ATR03-CDW

3" almost trimless downlight



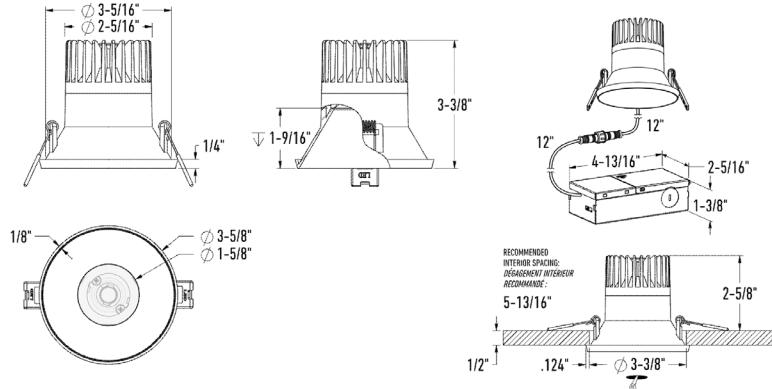
PROJECT

DATE

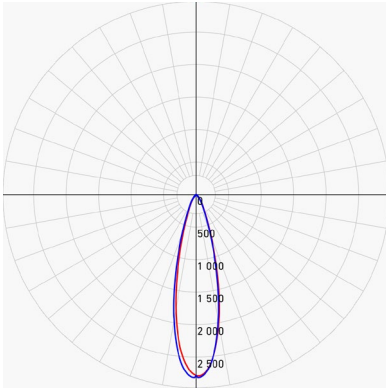
TYPE

QTY

NOTES



## LIGHT DISTRIBUTION



| Distance from luminaire | FC at Nadir | Diameter |
|-------------------------|-------------|----------|
| 4'                      | 173.8 fc    | 2'       |
| 6'                      | 77.3 fc     | 3'       |
| 8'                      | 43.5 fc     | 4'       |
| 10'                     | 27.8 fc     | 5'       |
| 12'                     | 19.3 fc     | 6'       |

\*measured at 3000k

## SPECS

|                           |                                           |         |
|---------------------------|-------------------------------------------|---------|
| <b>Cut hole size (in)</b> | 3-3/8"                                    |         |
| <b>Watts (W)</b>          | 10                                        |         |
| <b>Delivered lumens*</b>  | 800                                       |         |
| <b>Voltage (v)</b>        | 120                                       |         |
| <b>FT rating</b>          | FT6                                       |         |
| <b>CRI</b>                | 94                                        |         |
| <b>TM-30</b>              | Rf : 91                                   | Rg : 99 |
| <b>Binning</b>            | 3 SDCM                                    |         |
| <b>Beam angle (deg)</b>   | 25                                        |         |
| <b>UGR</b>                | 13                                        |         |
| <b>LED model</b>          | COB                                       |         |
| <b>Dimming</b>            | Triac / ELV                               |         |
| <b>Color temperature</b>  | 2700K/3000K/3500K/4000K/5000K+DIM-TO-WARM |         |

## CONSTRUCTION

|                      |              |
|----------------------|--------------|
| <b>Lens material</b> | Acrylic      |
| <b>Optic type</b>    | Optical lens |

## ELECTRICAL DETAILS

|                              |                  |       |
|------------------------------|------------------|-------|
| <b>Location</b>              | Wet              |       |
| <b>Environment</b>           | Indoor/Outdoor   |       |
| <b>Operating temp. (° C)</b> | -20              | to 45 |
| <b>IP rating</b>             | IP65             |       |
| <b>Input voltage (V)</b>     | 120              |       |
| <b>Input current (mA)</b>    | 96               |       |
| <b>Output voltage (V)</b>    | 36               |       |
| <b>Output current (mA)</b>   | 230              |       |
| <b>Power factor (%)</b>      | 90               |       |
| <b>Driver type</b>           | Constant current |       |
| <b>THD</b>                   | ≤ 20%            |       |
| <b>Lifetime @ L70</b>        | >50 000hrs       |       |

## ORDERING GUIDE

|                   |                                     |        |
|-------------------|-------------------------------------|--------|
| ATR03-CDW         | -                                   | Finish |
| <b>WH</b> - White | <input type="checkbox"/>            |        |
| <b>BK</b> - Black | <input checked="" type="checkbox"/> |        |

## 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 Part 15 Subpart B |     |                     |
| ICES-005 Issue 5                                            |                       |     |                     |



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**USA**  
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Coral Springs, Florida 33065

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info@dals.com  
dals.com

WHAT'S IN THE BOX

Recessed fixture  
Junction box  
3x push-in wire connectors  
1/2" non-Metallic Connector  
Instruction sheet

ACCESSORIES

**REC-RFP-13**  
Rough-in template  
  
**REC-RFP-DOUBLE23**  
Rough-in template  
  
**RFP-UNI**  
Rough-in template  
  
**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                | 3               | 100 | 25                  |
| Lutron               | DVCL-153PR-WH-C*       | Triac, 150 W Dimmable CFL/LED      | 4               | 100 | 15                  |
| Lutron               | CTCL-153PDH-WH-C*      | Triac, 150 W Dimmable CFL/LED      | 4               | 100 | 15                  |
| Lutron               | DVLV-600P-BL           | Magnetic Low Voltage, 450W         | 6               | 100 | 45                  |
| Lutron               | MACL-153MRHW-WHC*      | Triac, 150 W Dimmable CFL/LED      | 0               | 100 | 15                  |
| Lutron               | DVELV-300P-WH          | 300W electronic low voltage dimmer | 7               | 100 | 30                  |
| Lutron               | MA-PRO-WH*             | ELV, 250W LED/CFL                  | 0               | 100 | 25                  |
| Lutron               | Caseta PD-6WCL-WH-R-C* | Triac, 300W Dimmable CFL/LED       | 1               | 100 | 15                  |
| Lutron               | Caseta PD-5NE-WH-C*    | ELV, LED—up to 250 W               | 1               | 100 | 25                  |
| Lutron               | Caseta PD-10NXD-WH*    | Triac, LED—up to 250 W             | 0               | 100 | 25                  |
| Leviton <sup>f</sup> | 6672-1LW               | Triac, 150W Dimmable CFL/LED       | 12              | 100 | 15                  |
| Leviton              | DSM10-1LZ*             | Triac, 450W Dimmable CFL/LED       | 1               | 100 | 45                  |
| Leviton              | 6674*                  | Triac, 150 W Dimmable CFL/LED      | 7               | 100 | 15                  |
| Leviton              | PL06-10Z*              | Triac, 150 W Dimmable CFL/LED      | 7               | 100 | 15                  |
| Leviton              | DSL06-1LZ*             | Triac, 300 W Dimmable CFL/LED      | 6               | 100 | 30                  |
| Leviton              | D26HD-742-1RW*         | Triac, 300W LED/CFL                | 0               | 100 | 30                  |
| Legrand              | RHCL453PNICCV4*        | Triac, 450W Dimmable CFL/LED       | 7               | 100 | 45                  |
| Legrand              | ADTP703TUM4*           | Triac, 450W Dimmable CFL/LED       | 0               | 100 | 45                  |
| Control 4            | C4-APD120-WH           | ELV, 120W LED                      | 0               | 100 | 12                  |
| Commercial Electric  | HPDA311CWB*            | Triac, 150W LED & CFL              | 0               | 100 | 15                  |
| TP-Link              | HS220*                 | Triac, 150 W, Dimmable LED (MLV)   | 1               | 100 | 15                  |
| Leviton              | RDL06-10Z              | Triac, 150W LED & CFL              | 8               | 100 | 15                  |

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

