



# DALS LIGHTING

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**MODEL** ATR04-CDW

**NAME** Nest

4in almost trimless downlight

The Nest series of recessed fixtures offers an "almost trimless" design for a clean, minimal appearance.



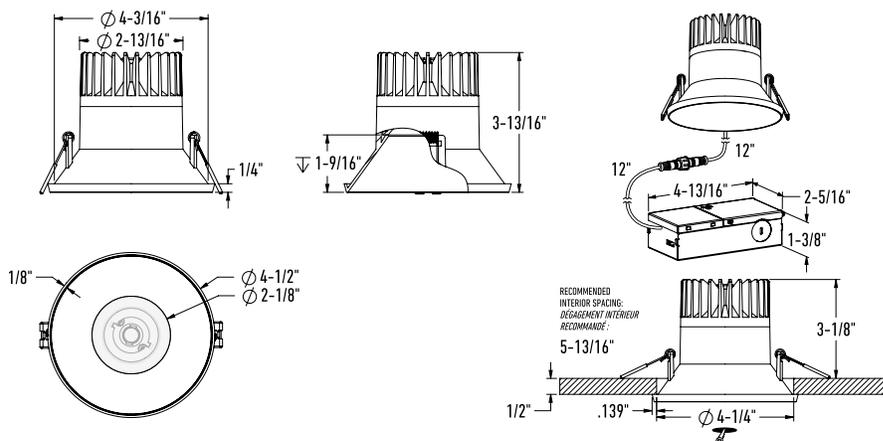
**PROJECT**

**TYPE**

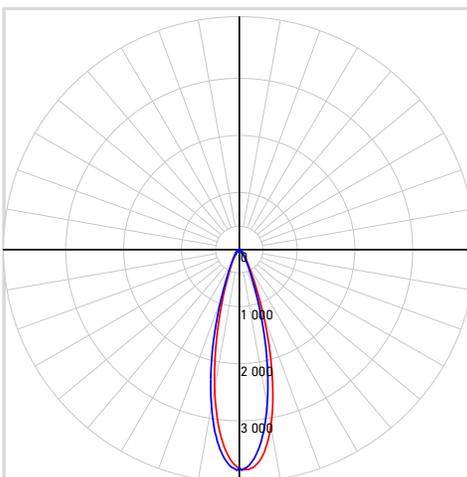
**DATE**

**QTY**

**NOTES**



## LIGHT DISTRIBUTION



\*Lumen output measured at 3000k

## QUICK SPECS

|                           |   |
|---------------------------|---|
| <b>Size</b>               | 4"  |
| <b>Watts (W)</b>          | 14  |
| <b>Delivered lumens*</b>  | 1220  |
| <b>CRI</b>                | 90  |
| <b>Voltage (v)</b>        | 120   |
| <b>Beam angle (deg)</b>   | 25  |
| <b>Cut hole size (in)</b> | 4-1/4"  |
| <b>FT rating</b>          | FT6   |
| <b>UGR</b>                | 15.6  |
| <b>Binning</b>            | 3 SDCM  |
| <b>LED model</b>          | COB   |
| <b>Color temperature</b>  | 2700K/3000K/3500K/4000K/5000K+DIM-TO-WARM     |
| <b>Certifications</b>     | ETL, FCC, ICES, JA8/T24, ES, IC, ASTM E283-04 |

## ELECTRICAL DETAILS

|                              |                  |
|------------------------------|------------------|
| <b>Environment</b>           | Wet              |
| <b>Location</b>              | Indoor/Outdoor   |
| <b>Operating temp. (° C)</b> | -20 to 45        |
| <b>IP rating</b>             | IP65             |
| <b>Input voltage (V)</b>     | 120              |
| <b>Output voltage (V)</b>    | 36               |
| <b>Output current (mA)</b>   | 330              |
| <b>Power factor (%)</b>      | 90               |
| <b>Driver type</b>           | Constant current |
| <b>THD</b>                   | >30%             |
| <b>Lifespan (hrs)</b>        | 50 000           |

## ORDERING GUIDE

|           |   |                            |   |                   |
|-----------|---|----------------------------|---|-------------------|
| ATR04-CDW | - | Voltage                    | - | Finish            |
|           |   | <b>BLANK</b> - 120v, TRIAC |   | <b>WH</b> - White |
|           |   |                            |   | <b>BK</b> - Black |

## CONSTRUCTION

|                         |          |
|-------------------------|----------|
| <b>Lens material</b>    | Plastic  |
| <b>Optic type</b>       | Frosted  |
| <b>Finish type</b>      | Painted  |
| <b>Housing material</b> | Aluminum |

| WHAT'S IN THE BOX   | ACCESSORIES   | ADAPTORS   |
|---|---|--|
| <ul style="list-style-type: none"> <li>LED recessed fixture</li> <li>Junction box</li> <li>3x Push-in wire connectors</li> <li>Non-Metallic Connector 1/2in</li> <li>Instruction sheet</li> </ul> | <ul style="list-style-type: none"> <li><a href="#">RFP-23</a></li> <li>Drilling plate</li> <li><a href="#">RFP-23</a></li> <li>Drilling plate</li> <li><a href="#">REC-EMD08</a></li> <li>8w Emergency battery</li> </ul> | <ul style="list-style-type: none"> <li><a href="#">REC-CDW-EXT8FT</a></li> <li>96" extension cord for recessed fixtures</li> <li><a href="#">REC-CDW-EXT20FT</a></li> <li>240" extension cord for recessed fixtures</li> </ul> |

#### RECOMMENDED DIMMER LIST\*

| BRAND               | MODEL                  | DIMMER SPECS                       | DIMMING RANGE % |     | MAX LOAD |
|---------------------|------------------------|------------------------------------|-----------------|-----|----------|
|                     |                        |                                    | MIN             | MAX |          |
| Dals                | SM-DIMSW Smart Dimmer* | Triac, 250W LED/CFL                | 9               | 100 | 17       |
| Lutron              | DVCL-153PR-WH-C*       | Triac, 150 W Dimmable CFL/LED      | 9               | 100 | 10       |
| Lutron              | CTCL-153PDH-WH-C*      | Triac, 150 W Dimmable CFL/LED      | 9               | 100 | 10       |
| Lutron              | MACL-153MRHW-WHC*      | Triac, 150 W Dimmable CFL/LED      | 1               | 100 | 10       |
| Lutron              | DVELV-300P-WH          | 300W electronic low voltage dimmer | 9               | 98  | 21       |
| Lutron              | MA-PRO-WH*             | ELV, 250W LED/CFL                  | 2               | 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             | 1               | 100 | 17       |
| 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      | 8               | 100 | 21       |
| Leviton             | D26HD-742-1RW*         | Triac, 300W LED/CFL                | 0               | 100 | 21       |
| Legrand             | RHCL453PNICCV4*        | Triac, 450W Dimmable CFL/LED       | 10              | 100 | 31       |
| 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       |
| Commercial Electric | HPDA311CWB*            | Triac, 150W LED & CFL              | 0               | 100 | 10       |
| TP-Link             | HS220*                 | Triac, 150 W, Dimmable LED (MLV)   | 5               | 100 | 10       |

\*With Low-End Adjustment Feature

Minimal buzzing noise may occur with some dimmers

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