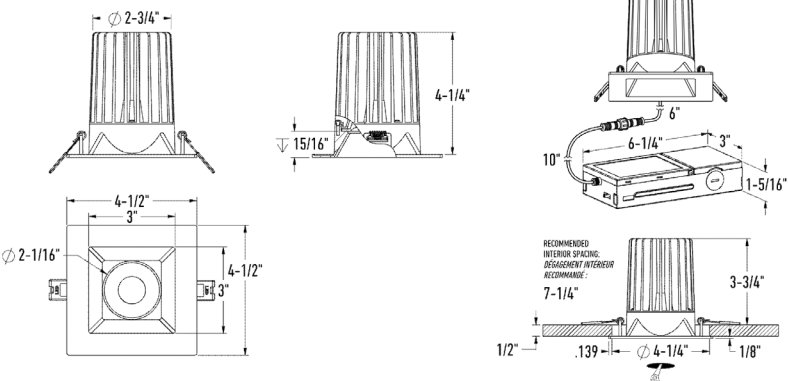
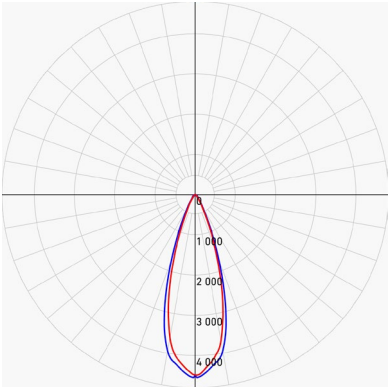


4" square high-powered  
regressed downlight

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



LIGHT DISTRIBUTION



| Distance from luminaire | FC at Nadir | Diameter |
|-------------------------|-------------|----------|
| 4'                      | 280.2 fc    | 2'-5"    |
| 6'                      | 124.5 fc    | 3'-7"    |
| 8'                      | 70.1 fc     | 4'-9"    |
| 10'                     | 44.8 fc     | 6'       |
| 12'                     | 31.1 fc     | 7'-2"    |

\*measured at 3000k

SPECS

|                    |                           |
|--------------------|---------------------------|
| Cut hole size (in) | 4-1/4"                    |
| Watts (W)          | 20                        |
| Delivered lumens*  | 1650                      |
| Voltage (v)        | 120/277/347               |
| FT rating          | FT6                       |
| CRI                | 92                        |
| TM-30              | Rf : 90 Rg : 100          |
| Binning            | 3 SDCM                    |
| Beam angle (deg)   | 32                        |
| UGR                | 21                        |
| LED model          | COB                       |
| Dimming            | Triac / ELV / 0-10V       |
| Color temperature  | 2700/3000/3500/4000/5000k |

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)     | 120-347          |
| Input current (mA)    | 170 / 100 / 97   |
| Output voltage (V)    | 33-37            |
| Output current (mA)   | 450              |
| Power factor (%)      | 97               |
| Driver type           | Constant current |
| THD                   | 16.12            |
| Lifetime @ L70        | >50 000hrs       |

|                  |          |
|------------------|----------|
| Finish type      | Matte    |
| Housing material | Aluminum |

ORDERING GUIDE

|            |                                     |
|------------|-------------------------------------|
| Finish     |                                     |
| WH - White | <input type="checkbox"/>            |
| BK - 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 Title 47 Part 15; Class B |     |                     |
| ICES-005 Issue 5                                            |                               |     |                     |

| WHAT'S IN THE BOX           | ACCESSORIES                   | EXTENSIONS                                |
|-----------------------------|-------------------------------|-------------------------------------------|
| Recessed fixture            |                               |                                           |
| Junction box                | 13" Rough-in template Ø4-1/4" | 96" extension cord for recessed fixtures  |
| 3x push-in wire connectors  |                               |                                           |
| 1/2" non-Metallic Connector | 26" Rough-in template Ø4-1/4" | 240" extension cord for recessed fixtures |
| Instruction sheet           | Universal rough-in template   |                                           |

WARRANTY

Our company 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 customer service call us or send an e-mail

RECOMMENDED DIMMER LIST\*\*

|  | DIMMER SPECS                     | DIMMING RANGE % |     | MAX LOAD<br>(units) |
|--|----------------------------------|-----------------|-----|---------------------|
|  |                                  | MIN             | MAX |                     |
|  | Triac, 250W LED/CFL              | 7               | 100 | 12                  |
|  | Triac, 150 W Dimmable CFL/LED    | 4               | 100 | 7                   |
|  | Triac, 150 W Dimmable CFL/LED    | 4               | 100 | 7                   |
|  | Triac, 150 W Dimmable CFL/LED    | 11              | 100 | 7                   |
|  | Triac, 150 W Dimmable CFL/LED    | 0               | 100 | 7                   |
|  | ELV, 300W                        | 11              | 100 | 14                  |
|  | ELV, 250W LED/CFL                | 2               | 100 | 12                  |
|  | Triac, 300W Dimmable CFL/LED     | 4               | 100 | 7                   |
|  | ELV, LED—up to 250 W             | 8               | 100 | 12                  |
|  | Triac, LED—up to 250 W           | 1               | 100 | 12                  |
|  | Triac, 450W Dimmable CFL/LED     | 5               | 100 | 21                  |
|  | Triac, 150 W Dimmable CFL/LED    | 7               | 100 | 7                   |
|  | Triac, 150 W Dimmable CFL/LED    | 7               | 100 | 7                   |
|  | Triac, 300 W Dimmable CFL/LED    | 7               | 100 | 14                  |
|  | Triac,450W Dimmable CFL/LED      | 0               | 100 | 21                  |
|  | ELV, 120W LED                    | 2               | 100 | 6                   |
|  | Triac, 200W LED                  | 2               | 100 | 9                   |
|  | Triac, 150 W, Dimmable LED (MLV) | 5               | 100 | 7                   |
|  | 960W, 8A, 120–277 V              | 3               | 100 | 45                  |
|  | 1200VA, 10A LED, 120-277V        | 2               | 100 | 56                  |
|  | 960VA, 8A, 120-277V              | 1               | 100 | 45                  |

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

