

Notes:

| Product | Family | Optic           | Mounting        | # of LEDs (x 10) | LED Series | Voltage  | Color Options  | Drive Current              | Factory-Installed Options   |
|---------|--------|-----------------|-----------------|------------------|------------|--|--|----------------------------|---|
| SFT     | 304    | PS <sup>1</sup> | RM <sup>2</sup> | 04               | D          | UL<br>Universal<br>120–277V<br>UH<br>Universal<br>347–480V | WH<br>White<br>(Standard)<br>SV<br>Silver<br>BZ<br>Bronze<br>BK<br>Black<br>PB<br>Platinum<br>Bronze | 350<br>350mA<br>(Standard) | IC Type IC Rated<br>40K 4000K Color Temperature <sup>3</sup><br>DIM 0–10V Dimming <sup>4,5</sup><br>F Fuse <sup>6,7</sup> |

Footnotes

- Petroleum symmetric distribution
- Recessed mount
- Color temperature per fixture; 5700K standard; minimum 70 CRI
- Control by others
- Refer to dimming spec sheet for availability and additional information
- When code dictates fusing use time delay fuse
- Not available when UH voltage is selected

| LED PERFORMANCE SPECS                    |  |                |   |   |  |                |   |   |                       |                      |                      |                      |                      |                      |                      |  |  |
|--|--|----------------|---|---|--|----------------|---|---|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--|--|
| # of LEDs                                | Initial Delivered Lumens – Petroleum Symmetric @ 5700K | B U G Rating** |   |   | Initial Delivered Lumens – Petroleum Symmetric @ 4000K | B U G Rating** |   |   | System Watts 120–480V | Total Current @ 120V | Total Current @ 208V | Total Current @ 240V | Total Current @ 277V | Total Current @ 347V | Total Current @ 480V | L <sub>70</sub> Hours* @ 25° C (77° F) | 50K Hours Lumen Maintenance Factor* @15°C (59°F) |
|  |  | B              | U | G |  | B              | U | G |                       |                      |                      |                      |                      |                      |                      |  |  |
| 350mA Fixture Operating at 25° C (77° F) |  |                |   |   |  |                |   |   |                       |                      |                      |                      |                      |                      |                      |  |  |
| 40                                       | 4,344 (04)   | 2              | 0 | 0 | 4,003 (04)   | 2              | 0 | 0 | 47                    | 0.39                 | 0.24                 | 0.21                 | 0.19                 | 0.15                 | 0.11                 | > 150,000                              | 90%  |

\* For recommended lumen maintenance factor data see TD-13

\*\* For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit [www.iesna.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf](http://www.iesna.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf)



**General Description**

High performance energy efficient IC Rated LED down light, designed for use in drop ceilings or new construction applications with 20" (508mm) to 24" (610mm) on center building construction. Heavy gauge steel recessed mounting frame features 1-1/2" (38mm) deep aperture throat to accommodate most standard ceiling thicknesses, and universal mounting brackets that accept 1/2" (13mm) EMT conduit, C-channel mounting bars or flat bar hangers (all by others) with 5" (127mm) vertical adjustment from either above or below the ceiling.

Slim, low profile design. Fixture is constructed from rugged die-cast and extruded aluminum components. LED driver is mounted in a sealed weather-tight center chamber that allows for access from below the fixture. High performance heatsinks specifically designed for LED recessed soffit application.

Five year limited warranty on luminaire.

**Electrical**

Modular design accommodates varied lighting output from high power, white, 5700K (+/- 500K per full fixture), minimum 70 CRI, long life LED sources. Optional 4000K (+/- 300K per full fixture) also available. 120–277V 50/60 Hz, Class 1 LED drivers are standard. 347–480V 50/60 /Hz driver optional. LED drivers have power factor >90% and THD <20% at full load. Unit provided with integral 10kV surge suppression protection standard. Surge protection tested in accordance with IEEE/ANSI C62.41.2.

Luminaire is Type IC in accordance with Article 410 of the NEC and UL 1598. It is suitable for direct contact with insulation.

Luminaire is suitable for through wire of luminaire to luminaire connection.

Meets FCC Title 47 CFR Part 15, Non-Consumer EMI and RFI emission levels.

**Field-Installed Accessories****Testing & Compliance**

UL Listed in the US and Canada for wet locations under covered ceilings. Consult factory for CE certified products. Dark Sky Friendly. IDA Approved. RoHS Compliant.

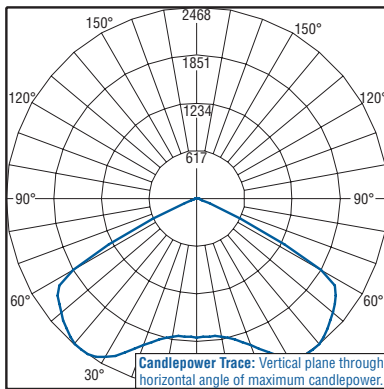
**Finish**

Exclusive Colorfast DeltaGuard® finish on all cast aluminum components features an E-Coat epoxy primer with an ultra-durable white powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Bronze, black, silver and platinum bronze powder topcoats are also available. Clear anodized finish on extruded aluminum heat sink. The finish is covered by our 10 year limited warranty.

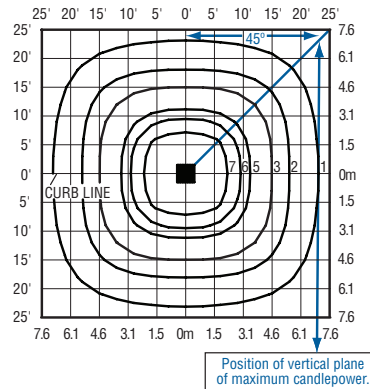
Fixture and finish are endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117.

**Patents**

U.S. and international patents granted and pending. BetaLED is a division of Ruud Lighting, Inc. For a listing of Ruud Lighting, Inc. patents, visit [www.uspto.gov](http://www.uspto.gov).

**Photometrics**

Independent Testing Laboratories certified test. Report No. ITL66685. Candlepower trace of 6000K, 60 LED Type V Short Optic. Scaled from CAN-304-PS-\*\*-D-UL-700 with 12,214 initial delivered lumens operating at 700mA. **All published luminaire photometric testing performed to IESNA LM-79-08 standards.**



Isofootcandle plot of 5700K, 40 LED Type V Short 304 series soffit luminaire at 15' A.F.G. Luminaire with 4,344 initial delivered lumens operating at 700mA. Initial FC at grade.

