

Notes:

Product	Family	Optic	Mounting	# of LEDs (x 10)	LED Series	Voltage	Color Options	Drive Current	Factory-Installed Options
FLD	304	PS <sup>1</sup>	YM <sup>2</sup>	04 06	D	UL Universal 120–277V UH Universal 347–480V	SV Silver (Standard) BZ Bronze BK Black WH White PB Platinum Bronze	700 700mA (Standard) 525 525mA 350 350mA	Please type additional options in manually on the lines provided above. 40K 4000K Color Temperature <sup>3</sup> DIM 0–10V Dimming <sup>4,5,6</sup> F Fuse <sup>7,8</sup> ML Multi-Level (75/525mA) <sup>9</sup>

Footnotes

- 1. Petroleum symmetric distribution
- 2. Yoke mount
- 3. Color temperature per fixture; 5700K standard; minimum 70 CRI
- 4. Control by others
- 5. Refer to dimming spec sheet for availability and additional information
- 6. Can't exceed specified drive current.
- 7. When code dictates fusing use time delay fuse
- 8. Not available when UH voltage is selected
- 9. Refer to 304 series multi-level spec sheet for availability and additional information

LED PERFORMANCE SPECS

# of LEDs	Initial Delivered Lumens – Petroleum Symmetric @ 5700K	Rating**			Initial Delivered Lumens – Petroleum Symmetric @ 4000K	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									
<b>350mA Fixture Operating at 25° C (77° F)</b>																	
40	4,671 (04)	2	0	0	4,305 (04)	2	0	0	47	0.39	0.24	0.21	0.19	0.15	0.11	>150,000	94%
60	6,958 (06)	2	0	0	6,413 (06)	2	0	0	68	0.59	0.35	0.30	0.27	0.20	0.15	>150,000	
<b>525mA Fixture Operating at 25° C (77° F)</b>																	
40	6,540 (04)	2	0	0	6,028 (04)	2	0	0	68	0.58	0.34	0.30	0.27	0.21	0.16	148,000	93%
60	9,741 (06)	3	0	0	8,977 (06)	3	0	0	105	0.91	0.53	0.46	0.40	0.33	0.22	144,000	
<b>700mA (Standard) Fixture Operating at 25° C (77° F)</b>																	
40	7,942 (04)	3	0	0	7,319 (04)	3	0	0	94	0.81	0.47	0.41	0.36	0.28	0.20	128,000	91%
60	11,828 (06)	3	0	0	10,902 (06)	3	0	0	141	1.26	0.72	0.59	0.54	0.39	0.28	122,000	

\* For recommended lumen depreciation 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**

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 aluminum heatsinks specifically designed for LED floodlight application. Fixture mounts with stainless steel adjustable yoke which allows for +/-90° adjustment in 5° increments. Five year limited warranty on fixture.

**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 50/60Hz drive is optional. LED drivers have power factor >90% and THD <20% at full load. Units provided with integral 10kV surge suppression protection standard. Surge protection tested in accordance with IEEE/ANSI C62.41.2.

**Testing & Compliance**

UL Listed in the US and in Canada for wet locations and enclosure classified IP66 per IEC 60529 when ordered without the ML options. Consult factory for CE Certified products. RoHS Compliant.



**Finish**

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

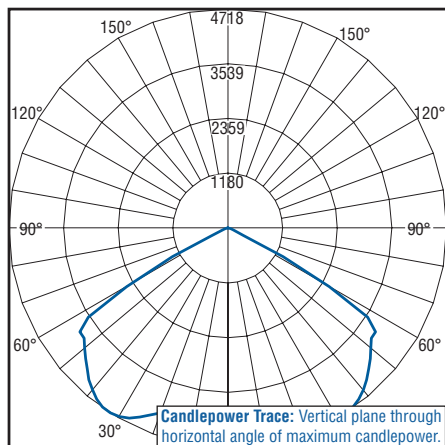
Fixture and finish are endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117.

**Patents**

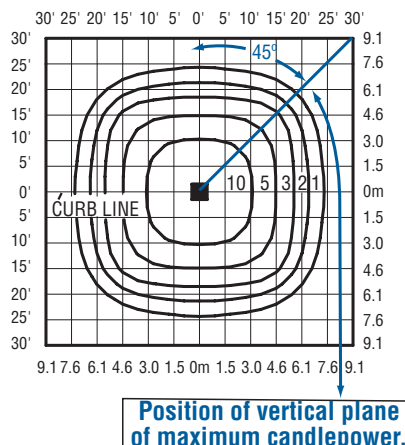
U.S. and international patents granted and pending. BetaLED is a division of Ruud Lighting, Inc. For a listing of Ruud Lighting, Inc. patents, visit [www.uspto.gov](http://www.uspto.gov).

**Field-Installed Accessories**

**Photometrics**



Independent Testing Laboratories certified test. Report No. ITL66685. Candlepower trace of 6000K, 60 LED petroleum symmetric 304 series parking structure luminaire 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, 60 LED petroleum symmetric 304 series parking structure luminaire at 15' A.F.G. Luminaire with 11,828 initial delivered lumens operating at 700mA. Initial FC at grade.

