

Notes:

# of LEDs	40	60	80	100	120	140	160	180	200	220	240
Dim. "A"	15.75"	17.75"	15.75"	17.75"	19.75"	21.75"	23.75"	25.75"	27.75"	29.75"	31.75"

Product	Family	Optic in Degrees	Mounting	# of LEDs (x 10)	LED Series	Voltage	Color Options	Factory-Installed Options
CAN	EDG	10 <sup>1</sup>	PD <sup>2</sup>	04 <sup>3</sup> 06 <sup>4</sup> 08 10 12 14 16 18 20 22 24	C	UL Universal 120–277V UH Universal 347–480V 12 120V 24 240V 27 277V 34 347V	SV Silver BZ Bronze BK Black WH White PB Platinum Bronze	Please type additional options in manually on the lines provided above. 43K 4300K Color Temperature <sup>5</sup> 525 525mA Drive Current <sup>6,7</sup> DIM 0–10V Dimming <sup>8,9</sup> HL Hi/Low (175/350/525, dual circuit input) <sup>7,10,11</sup> P Photocell <sup>12–14</sup> TL Two-Level (175/525 w/ integrated sensor control) <sup>11,15,16</sup> TL2 Two-Level (0/350 w/ integrated sensor control) <sup>7,11</sup> TL3 Two-Level (0/525 w/ integrated sensor control) <sup>11,15,16</sup>

Footnotes

- 1. Distribution similar to spot (10°)
- 2. Pendant mount
- 3. Uses 80 LED size with two blanks in outside positions
- 4. Uses 100 LED size with two blanks in outside positions
- 5. Color temperature per fixture; minimum 70 CRI
- 6. Driver operates at 525mA instead of the standard 350mA providing a higher lumen output and a shorter life
- 7. Available on fixtures with 40–120 LEDs
- 8. Control by others
- 9. Please consult factory for availability
- 10. Sensor not included
- 11. Refer to multi-level spec sheet for more information
- 12. Must specify voltage other than UL or UH
- 13. Not available with TL2 or TL3 options
- 14. Not available with HL or TL options when UH voltage is selected
- 15. Available on fixtures with 40–100 LEDs
- 16. Not available when UH voltage is selected
- 17. Pendant height from ceiling surface to bottom of fixture; mounting accessories or surface boxes will add to overall height
- 18. For 0–13° slopes

LED PERFORMANCE SPECS

# of LEDs	Initial Delivered Lumens – 10° Flood Optic @ 6000K	Initial Delivered Lumens – 10° Flood Optic @ 4300K	System Watts 120–277V	Total Current @ 120V	Total Current @ 230V	Total Current @ 277V	System Watts 347–480V*	Total Current @ 347V	Total Current @ 480V	L <sub>70</sub> Hours** @ 25° C (77° F)
<b>350mA (Standard) Fixture Operating at 25° C (77° F)</b>										
40 <sup>3</sup>	3,916 (04)	3,435 (04)	49	0.41	0.23	0.20	55	0.16	0.16	105,000
60 <sup>4</sup>	5,874 (06)	5,152 (06)	71	0.60	0.32	0.28	77	0.22	0.20	105,000
80	7,832 (08)	6,869 (08)	93	0.78	0.41	0.35	99	0.29	0.23	105,000
100	9,789 (10)	8,587 (10)	116	0.98	0.52	0.43	123	0.35	0.28	105,000
120	11,747 (12)	10,304 (12)	139	1.17	0.61	0.52	146	0.42	0.33	105,000
140	13,705 (14)	12,021 (14)	164	1.39	0.74	0.63	172	0.50	0.37	105,000
160	15,663 (16)	13,738 (16)	186	1.58	0.83	0.71	195	0.56	0.41	105,000
180	17,621 (18)	15,456 (18)	211	1.77	0.93	0.79	220	0.63	0.47	105,000
200	19,579 (20)	17,173 (20)	233	1.97	1.03	0.87	243	0.70	0.51	105,000
220	21,537 (22)	18,890 (22)	256	2.16	1.13	0.95	267	0.77	0.56	105,000
240	23,495 (24)	20,608 (24)	279	2.35	1.23	1.03	291	0.84	0.61	105,000
<b>525mA Fixture Operating at 25° C (77° F)</b>										
40 <sup>3</sup>	5,091 (04)	4,465 (04)	69	0.58	0.31	0.27	75	0.22	0.19	61,000
60 <sup>4</sup>	7,636 (06)	6,697 (06)	110	0.92	0.49	0.41	116	0.33	0.27	61,000
80	10,181 (08)	8,930 (08)	138	1.16	0.62	0.54	145	0.42	0.32	61,000
100	12,726 (10)	11,162 (10)	177	1.49	0.79	0.68	186	0.53	0.40	61,000
120	15,272 (12)	13,395 (12)	217	1.82	0.96	0.81	226	0.65	0.48	61,000

\* Utilizes magnetic step-down transformer

\*\* 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-15-07BugRatingsAddendum.pdf](http://www.iesna.org/PDF/Erratas/TM-15-07BugRatingsAddendum.pdf)



**General Description**

Slim, low profile, easy mounting design. Luminaire sides are rugged cast aluminum with integral, weather-tight LED driver compartments and high performance aluminum heatsinks specifically designed for LED lighting application. Pendant mount fixture is supplied with a 3/4" NPT stainless steel pendant connection and single 5' cord out of the top of the pendant. Longer cords available; consult factory. Includes bug/debris guard. Five year limited warranty on fixture.

**Electrical**

Modular design accommodates varied lighting output from high power, white, 6000K (+/- 500K per full fixture), minimum 70 CRI, long life LED sources. 120–277V 50/60 Hz, Class 1 LED drivers are standard. 347–480V 50/60 Hz driver is optional. LED drivers have power factor >90% and THD <20% of full load. Units provided with integral 9kV surge suppression protection standard. Surge protection tested in accordance with IEEE C62.41.2 and ANSI standard 62.41.2.

**Testing & Compliance**

UL listed in the U.S. and Canada for wet locations. Consult factory for CE Certified products. RoHS compliant. International Dark-Sky Association approved.

**Finish**

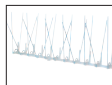
Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultra-durable silver powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Bronze, black, white and platinum bronze powder topcoats are also available. The finish is covered by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



**Bird Spikes**  
XA-BRDSPK



**No Photo Available**

**12" Pendant Kit<sup>17</sup>**  
XA-CL12KIT



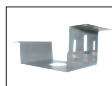
**No Photo Available**

**18" Pendant Kit<sup>17</sup>**  
XA-CL18KIT



**No Photo Available**

**22" Pendant Kit<sup>17</sup>**  
XA-CL22KIT

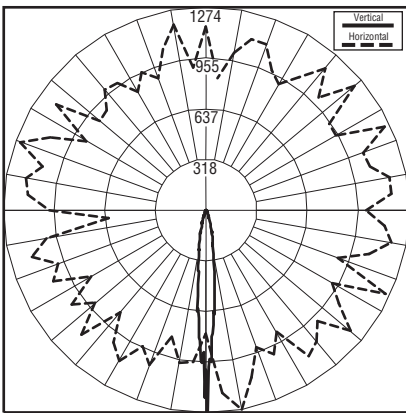


**Leveler<sup>18</sup>**  
XA-PNDTLVL



**Pendant Fitting**  
XA-PSFTG

**Photometrics**



PRELIMINARY  
Candlepower trace of LED 10° flood canopy luminaire.

**Coefficients of Utilization**

Effective Floor Cavity Reflectance = 0.20

CC	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	
WALL																		
RCR																		
0	112	112	112	112	109	109	109	109	105	105	105	100	100	100	96	96	96	94
1	109	107	105	103	106	105	103	102	101	100	99	97	97	96	94	94	93	91
2	105	102	99	97	103	101	98	96	98	96	94	95	93	92	92	91	90	89
3	102	98	95	92	101	97	94	92	95	92	90	93	91	89	91	89	88	87
4	99	95	91	89	98	94	91	88	92	89	87	90	88	86	89	87	85	84
5	97	92	88	86	96	91	88	85	90	87	85	88	86	84	87	85	83	82
6	94	89	86	83	93	89	85	83	87	84	82	86	84	82	85	83	81	80
7	92	87	83	81	91	86	83	80	85	82	80	84	82	80	83	81	79	78
8	90	85	81	79	89	84	81	78	83	80	78	83	80	78	82	79	78	77
9	88	83	79	77	87	82	79	77	81	79	76	81	78	76	80	78	76	75
10	86	81	77	75	86	80	77	75	80	77	75	79	77	75	79	76	75	74

**Luminance Data**

Angle	Average (0°)	Average (45°)	Average (90°)
45°	2228	312	2907
55°	1289	530	645
65°	22	0	0
75°	0	0	339
85°	0	0	0

**Zonal Lumens and Percentages**

Zone	Lumens	% Lamp	% Fixture
0-30	89.84	89.80	95.40
0-40	92.36	92.40	98.10
0-60	93.85	93.80	99.70
0-90	94.13	94.10	100.00
90-120	0.00	0.00	0.00
90-130	0.00	0.00	0.00
90-150	0.00	0.00	0.00
90-180	0.00	0.00	0.00
0-180	94.13	94.10	100.00

