

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	15 ¹	PD ²	04 ³ 06 ⁴ 08 10 12 14 16 18 20 22 24	C	UL Universal 120–277V UH Universal 347–480V 12 120V 24 240V 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 ⁵ 525 525mA Drive Current ^{6,7} DIM 0–10V Dimming ^{8,9} HL Hi/Low (175/350/525, dual circuit input) ^{7,10,11} P Photocell ^{12–14} TL Two-Level (175/525 w/ integrated sensor control) ^{11,15,16} TL2 Two-Level (0/350 w/ integrated sensor control) ^{7,11} TL3 Two-Level (0/525 w/ integrated sensor control) ^{11,15,16}

Footnotes

- 1. Distribution similar to spot (15°)
- 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 – 15° Flood Optic @ 6000K	Initial Delivered Lumens – 15° 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 ₇₀ Hours** @ 25° C (77° F)
350mA (Standard) Fixture Operating at 25° C (77° F)										
40 ³	3,916 (04)	3,435 (04)	49	0.41	0.23	0.20	55	0.16	0.16	105,000
60 ⁴	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
525mA Fixture Operating at 25° C (77° F)										
40 ³	5,091 (04)	4,465 (04)	69	0.58	0.31	0.27	75	0.22	0.19	61,000
60 ⁴	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



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

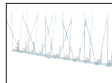
Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultra-durable silver powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Bronze, black, white and platinum bronze powder topcoats are also available. The finish is covered by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

Field-Installed Accessories



Bird Spikes
XA-BRDSPK



No Photo Available

12" Pendant Kit¹⁷
XA-CL12KIT



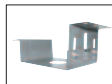
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18" Pendant Kit¹⁷
XA-CL18KIT



No Photo Available

22" Pendant Kit¹⁷
XA-CL22KIT

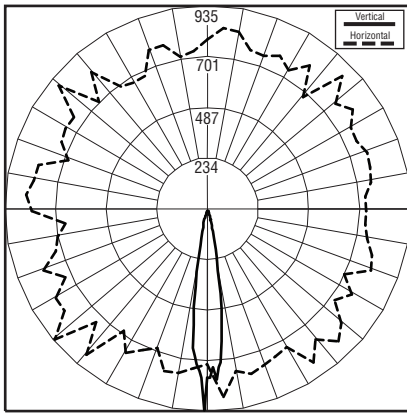


Leveler¹⁸
XA-PNDTLVL



Pendant Fitting
XA-PSFTG

Photometrics



PRELIMINARY
Candlepower trace of LED 15° 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	
0	112	112	112	112	110	110	110	110	105	105	105	100	100	100	96	96	96	94
1	109	107	105	104	107	105	103	102	101	100	99	98	97	96	95	94	93	92
2	106	102	100	98	104	101	99	97	98	96	94	95	94	93	93	92	91	89
3	103	99	96	93	101	97	95	92	95	93	91	93	91	90	91	90	88	87
4	100	95	92	90	99	95	91	89	93	90	88	91	89	87	89	88	86	84
5	98	93	89	87	96	92	89	86	90	88	86	89	87	85	88	86	84	82
6	95	90	87	84	94	90	86	84	88	86	84	87	85	83	86	84	83	80
7	93	88	85	82	92	88	84	82	87	84	82	86	83	81	85	83	81	78
8	91	86	83	80	91	86	83	80	85	82	80	84	82	80	83	81	79	77
9	90	84	81	79	89	84	81	79	83	80	79	83	80	78	82	80	78	75
10	88	83	80	77	87	82	79	77	82	79	77	81	79	77	81	78	77	74

Luminance Data

Angle	Average (0°)	Average (45°)	Average (90°)
45°	1360	1703	894
55°	2665	1468	2772
65°	1553	1078	1182
75°	578	587	919
85°	220	161	94

Zonal Lumens and Percentages

Zone	Lumens	% Lamp	% Fixture
0-30	89.91	89.90	95.40
0-40	91.84	91.80	97.40
0-60	93.35	93.30	99.00
0-90	94.25	94.30	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	94.25	94.30	100.00

