

AREA & ROADWAY LIGHTING

LCZ SERIES - LED TRADITIONAL YOKE LANTERN

Luminaire

Housing, Fitter, and Struts are heavy gauge cast aluminum. Dome cap constructed from heavy wall spun aluminum. Aluminum alloys are low copper and corrosion resistant. Lenses are high impact acrylic available in clear smooth or white smooth. Open Frame No Lens versions are available in the LCZ and LCZA styles.

PLED™ Optics

Emitters (LED's) are arrayed on a metal core PCB panel with each emitter located on a copper thermal transfer pad and enclosed by an LED refractor. LED optics completely seal each individual emitter to meet an IP66 rating. In asymmetric distributions, a micro-reflector inside the refractor re-directs the house side emitter output towards the street side and functions as a house side shielding element. Refractors are injection molded optical acrylic. Each LED refractor is sealed to the PCB over an emitter and all refractors are retained by an aluminum frame. Any one Panel, or group of Panels in a luminaire, have the same optical pattern. LED refractors produce standard and specialized street, site, and area distributions. All distributions are Zero Uplight (U0), Full-Cutoff in the Open Frame No Lens option. Panels are field replaceable and field rotatable in 90° increments.

LED Emitters

High Power White LED's are driven between 350mA and 875mA for a maximum output of 3 Watts nominal each. LED's are available in standard Neutral White (4000K), Cool White (5000K), or Warm White (2700K & 3000K). All Standard LED's have a minimum of 70 CRI. Consult Factory for other LED options. Lumen Maintenance of L94 at 60,000 hours (TM-21 calculated at 6x Test Time).

True Amber LED's TRA-True Amber LED's emit light in the amber spectral bandwidth centered on 585-590nm. True Amber has negligible blue light and is suitable for wildlife.

LED Driver

Constant current electronic with a power factor of >0.90 and a minimum operating temperature of -40°F/-40°C. Driver(s) is/are UL and cUL recognized. Drivers accept an input of 120-277V, 50/60Hz or 347V-480V, 50/60Hz. 0-10V dimmable driver is standard. Driver has a minimum of 3KV internal surge protection. Luminaire supplied with 20KV surge protector for field installation.

Finish

Polyester powder coat incorporates four step iron phosphate process to pretreat metal surface for maximum adhesion. Top coat is baked at 400°F for maximum hardness and exterior durability.

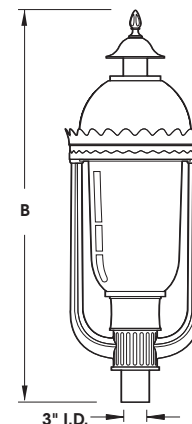
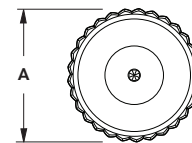
PROJECT NAME: _____

PROJECT TYPE: _____



LCZ

LCZ MODEL SHOWN



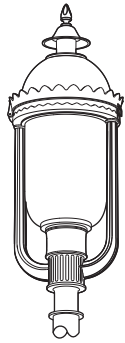
FIXTURE	A	B
LCZ	18" 457mm	49" 1245mm
LCZA	22.5" 572mm	40" 1016mm
LCZB	24" 610mm	37" 940mm



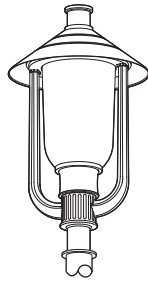
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LCZ SERIES - LED

SPECIFICATIONS

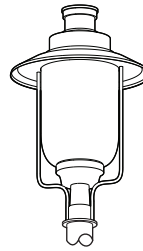


LCZ
 Max Weight = 48 lbs
 Max EPA = 2.40
 48LED Max

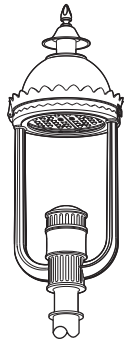


EPA & WEIGHT

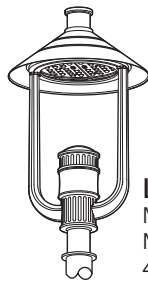
LCZA
 Max Weight = 44 lbs
 Max EPA = 2.00
 48 LED Max



LCZB
 Max Weight = 42 lbs
 Max EPA = 1.90
 48 LED Max

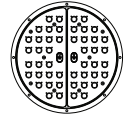


LCZ-NL
 Max Weight = 46 lbs
 Max EPA = 1.60
 48LED Max



LCZA-NL
 Max Weight = 42 lbs
 Max EPA = 1.30
 48 LED Max

PLED™ MODULES



48 LED Module



36 LED Module



20 LED Module

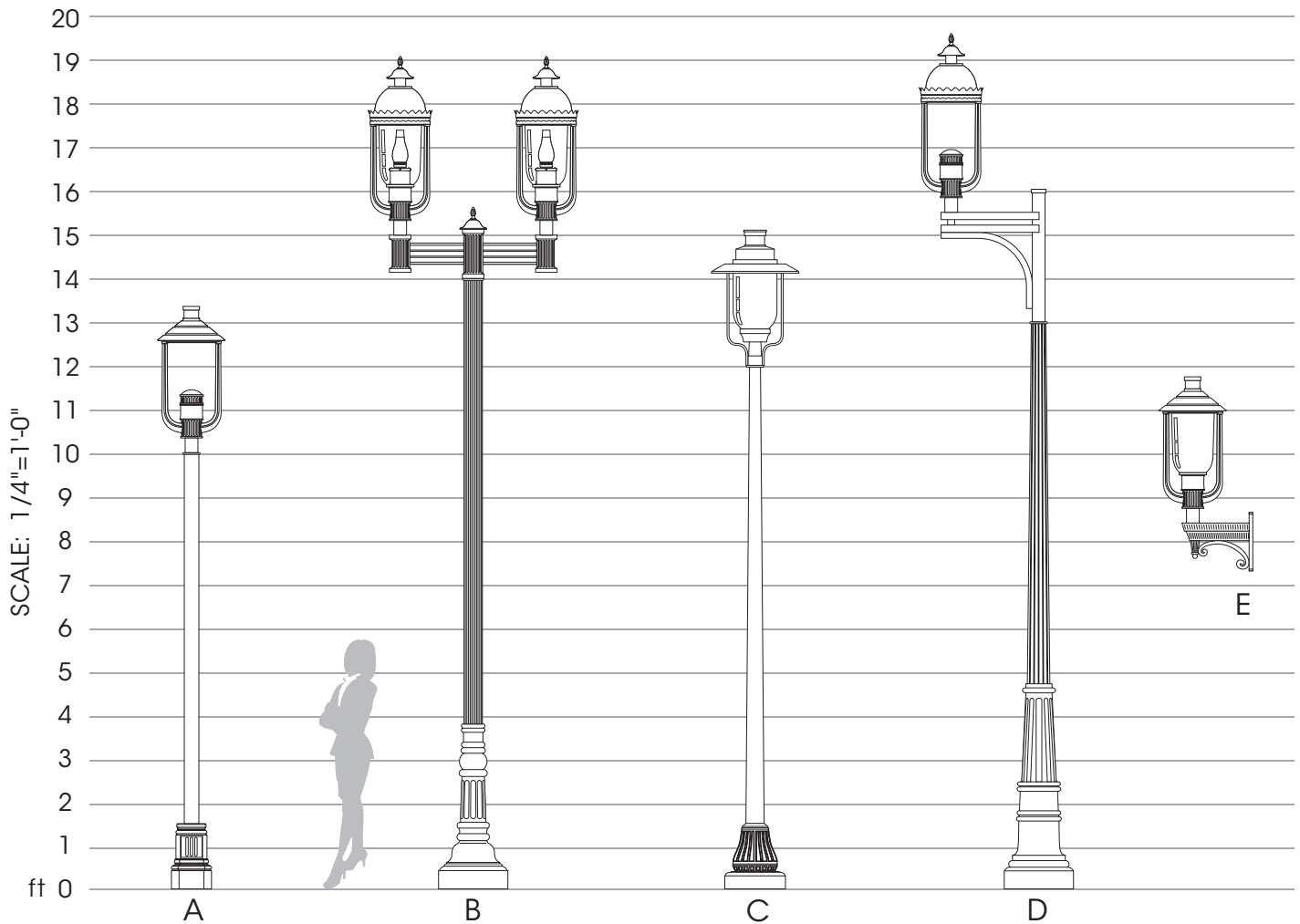
ORDERING INFORMATION

Spec/Order Example: LCZB/PLED-II/48LED-350mA/NW/347/1/RAL-7005-S

Luminaire	Optics	LED Mode	Voltage	Mounting	Finish	Options
Luminaire	Optics	LED	Voltage	Mounting	Finish	Options
	PLED™ Distribution Type <input type="checkbox"/> Type II PLED-II <input type="checkbox"/> Type II Front Row PLED-II-FR <input type="checkbox"/> Type III Med. PLED-III <input type="checkbox"/> Type III Wide PLED-III-W <input type="checkbox"/> Type IV PLED-IV <input type="checkbox"/> Type IV PLED-IV-FT <input type="checkbox"/> Type V Narrow PLED-V-SQ-N <input type="checkbox"/> Type V Med. PLED-V-SQ-M <input type="checkbox"/> Type V Wide PLED-V-SQ-W w/ White Acrylic Lens: <input type="checkbox"/> PLED-ASY-N1 <input type="checkbox"/> PLED-ASY-N2 w/House Side Shield <input type="checkbox"/> PLED-ASY-W1 <input type="checkbox"/> PLED-ASY-W2 w/House Side Shield <input type="checkbox"/> PLED-ASY-SYM	# of LEDs <input type="checkbox"/> 48LED <input type="checkbox"/> 36LED <input type="checkbox"/> 20LED Drive Current <input type="checkbox"/> 875mA <input type="checkbox"/> 700mA <input type="checkbox"/> 525mA <input type="checkbox"/> 350mA Color Temp - CCT <input type="checkbox"/> 27K (2700K) <input type="checkbox"/> 30K (3000K) <input type="checkbox"/> 40K (4000K) <input type="checkbox"/> 50K (5000K) <input type="checkbox"/> TRA True Amber* Consult Factory for Other LED Color, CCT, & CRI Options *TRA Available only in 350mA and 525mA Drive Currents Consult Factory for Other Drive Currents	<input type="checkbox"/> 120 <input type="checkbox"/> 208 <input type="checkbox"/> 240 <input type="checkbox"/> 277 <input type="checkbox"/> 347 <input type="checkbox"/> 480	Arm Mount <input type="checkbox"/> 1 <input type="checkbox"/> 2-180 <input type="checkbox"/> 2-90 <input type="checkbox"/> 3-90 <input type="checkbox"/> 3-120 <input type="checkbox"/> 4-90 Wall Mount <input type="checkbox"/> WM Post Top <input type="checkbox"/> PT	Standard Textured Finish <input type="checkbox"/> Black RAL-9005-T <input type="checkbox"/> White RAL-9003-T <input type="checkbox"/> Grey RAL-7004-T <input type="checkbox"/> Dark Bronze RAL-8019-T <input type="checkbox"/> Green RAL-6005-T Premium Finishes <input type="checkbox"/> Rust <input type="checkbox"/> Patina Copper PC For smooth finish replace suffix "T" with suffix "S" (Example: RAL-9500-S) Consult factor for custom colors	Lens Options: <input type="checkbox"/> Clear Acrylic Lens CA <input type="checkbox"/> White Acrylic Lens WA <input type="checkbox"/> No Lens Open Frame (LCZ & LCZA Only) NL <hr/> <input type="checkbox"/> Glass Chimney ¼ Frosted GCF <input type="checkbox"/> Internal House Side Shield inc. LED Count (Example: HS-PLED/48) HS-PLED <input type="checkbox"/> Twist Lock Receptable Only TPR <input type="checkbox"/> 7-Pin Twist Lock Receptable Only TPR7 <input type="checkbox"/> High-Low Dimming for Switch by Others/Select Levels 50/100 or 25/100 (Example: HLSW/25) HLSW <input type="checkbox"/> Photo Cell + Voltage (Example: PC120V) PC+V <input type="checkbox"/> Single Fuse (120V, 277V) SF <input type="checkbox"/> Double Fuse (208V, 240V) DF <input type="checkbox"/> Pole Mounted Blue-Tooth Programmable Photo/Motion Sensor (Factory - Motion 50/100; Photo 75fc) MS-F311

LCZ SERIES - LED

SAMPLE ASSEMBLIES

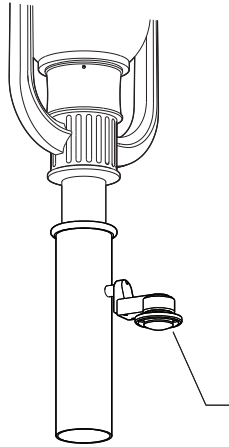


- A. 31-1040-10'/PT/LCZA-NL/LED/ACCESSORIES/FINISH
- B. 12-1070-14'/XAX-2-180/LCZ-CP-GCF/LED/ACCESSORIES/FINISH
- C. 17-1035T-12'/PT/LCZB-WP/LED/ACCESSORIES/FINISH
- D. 36-1050C-13'/XBT-1/LCZ-NL/LED/ACCESSORIES/FINISH
- E. WM-XAD/LCZA-WP/LED/ACCESSORIES/FINISH

Sample Assemblies show a small offering of the Sun Valley Line of Poles, Bases, Shafts, Arms, & Luminaires. Please visit usaltg.com for the full product offering.

LCZ SERIES - LED

OPTIONS



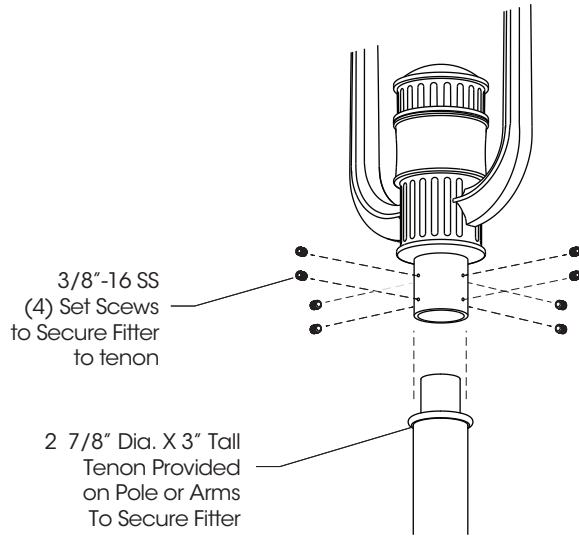
POLE MOUNTED MS-F311 BLUETOOTH PHOTO/MOTION SENSOR

Factory Settings:
No Motion - 50%
Motion - 100%
Delay - 15 min.
Photocell - 75fc

Sensors can be Field
Programmed With
Bluetooth App

Coupling Provided
on Pole to Secure
Motion Sensor.

INSTALLATION DETAIL



High Low Dimming For Switches (HLSW)

The HLSW is a Small Electronic Switch which Provides High Low Dimming Control Through the LED Driver's 0-10V Control. Switching is Done by Adding a Secondary AC Switched Hot Trigger Line to the HLSW in Addition to the Normal AC Power Line. When the Secondary Trigger Line is Powered, the Fixture will go to 100% Dimming. With no Power to the Trigger, the Fixture will operate at 50% or 25% Dimming. Switches for the Trigger Line can be a Normal AC Switch/Breaker or Timed Switch/Breaker.

Wireless and Other Fixture Controls

Contact Factory for Wireless and Other Fixture Controls and Recommendations. Most Controls Can be Integrated and Factory Installed.

ELECTRICAL DATA GUIDE - AMPERAGE CHART

# of LEDs	mA	System Watts	120V	208V	277V	347V	480V
20	350	23.6	0.20	0.11	0.09	0.07	0.05
20	525	35.5	0.30	0.17	0.13	0.10	0.07
20	700	47.0	0.39	0.23	0.17	0.14	0.10
20	875	58.4	0.49	0.28	0.21	0.17	0.12
36	350	41.3	0.34	0.20	0.15	0.12	0.09
36	525	62.0	0.52	0.30	0.22	0.18	0.13
36	700	82.6	0.69	0.40	0.30	0.24	0.17
36	875	103.1	0.86	0.50	0.37	0.30	0.21
48	175	26.5	0.22	0.13	0.10	0.08	0.06
48	350	53.6	0.45	0.26	0.19	0.15	0.11
48	525	80.7	0.67	0.39	0.29	0.23	0.17
48	700	108.0	0.90	0.52	0.39	0.31	0.23
48	875	134.7	1.12	0.65	0.49	0.39	0.28

Electrical Amperage Loads are for High Power White LED's in All Color Temperatures.

Wattages are System Watts or Total Input Watts and include all Electrical Components.

Use 0.80 Scale factor for TRA LED's.

PHOTOMETRIC DATA GUIDE - LM-80 LUMEN MAINTENANCE

LED LUMEN MAINTENANCE (350mA to 875mA)		
LED Life / Operating Hours	Lumen Depreciation	Lumen Depreciation Scale Factor
60,000	L96	0.96x
100,000 (6X LED Test Hrs)	L93	0.93x
150,000 (Theoretical)	L89	0.90x
200,000 (Theoretical)	L86	0.87x

Lumen Depreciation Calculations Done in Accordance With IESNA TM-21 & LM-80 (25°C Ambient)
TM-21 6x Test Time Dictates that L94 > 60,000 Hours.

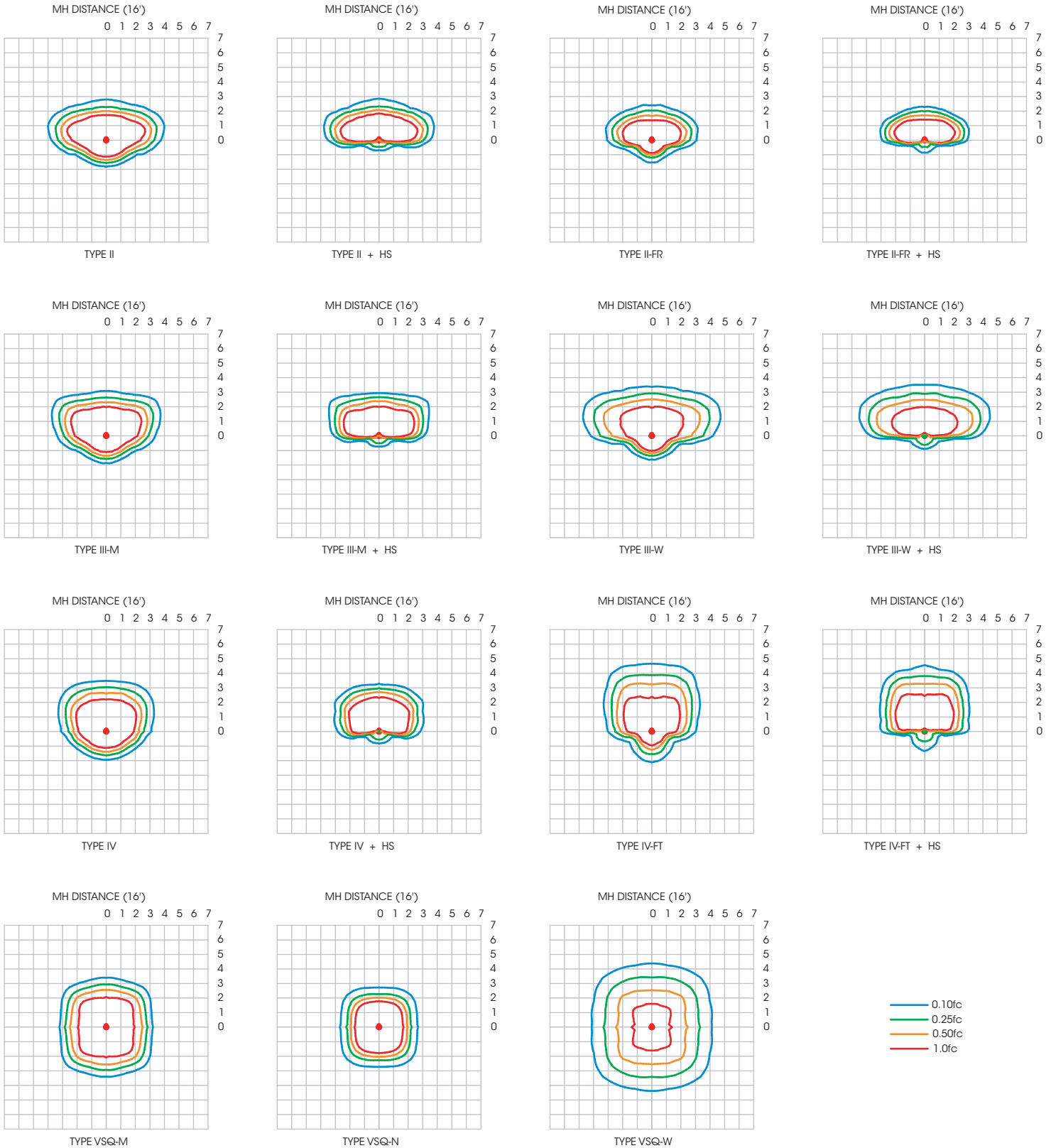
TM-21 6x Test Time Dictates that L93 > 100,000 Hours.

Lumen Depreciation Calculations Done in Accordance With IESNA TM-21 & LM-80 (25°C Ambient)

LCZ SERIES - LED

PHOTOMETRIC DATA GUIDE - ISOFOOTCANDLE PLOTS

LCZ-PLED-NL-36LED-700mA-4000K - 16' Height (14' Pole)



LCZ SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES (LCZ-PLED-NL)

LCZ-PLED-NL																			
LED Count	Drive Current (mA)	System Watts	Dist'n Type	27K (2700K - 70CRI)			30K (3000K - 70CRI)			40K (4000K - 70CRI)			50K (5000K - 70CRI)			System Watts	TRA (590nm)		
				LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING		LUMENS	LPW	BUG RATING
20	350	22.0	II	2337	106	B1-U0-G1	2523	115	B1-U0-G1	2655	121	B1-U0-G1	2788	127	B1-U0-G1	17.0	866	51	B0-U0-G0
			II-FR	2313	105	B1-U0-G0	2496	113	B1-U0-G0	2628	119	B1-U0-G0	2759	125	B1-U0-G0		857	50	B0-U0-G0
			III-M	2406	109	B1-U0-G1	2597	118	B1-U0-G1	2734	124	B1-U0-G1	2870	130	B1-U0-G1		891	52	B0-U0-G0
			III-W	2214	101	B1-U0-G1	2390	109	B1-U0-G1	2516	114	B1-U0-G1	2641	120	B1-U0-G1		820	48	B0-U0-G1
			IV	2440	111	B1-U0-G1	2634	120	B1-U0-G1	2773	126	B1-U0-G1	2911	132	B1-U0-G1		904	53	B0-U0-G0
			IV-FT	2208	100	B1-U0-G1	2384	108	B1-U0-G1	2509	114	B1-U0-G1	2635	120	B1-U0-G1		818	48	B0-U0-G1
			VSQ-N	2576	117	B1-U0-G0	2780	126	B1-U0-G0	2927	133	B1-U0-G0	3073	140	B1-U0-G0		954	56	B1-U0-G0
			VSQ-M	2537	115	B2-U0-G0	2738	124	B2-U0-G0	2882	131	B2-U0-G1	3026	138	B2-U0-G1		940	55	B1-U0-G0
			VSQ-W	2408	109	B2-U0-G1	2599	118	B2-U0-G1	2736	124	B2-U0-G1	2873	131	B2-U0-G1		892	52	B1-U0-G1
			II-HS	1741	79	B0-U0-G0	1879	85	B0-U0-G1	1978	90	B0-U0-G1	2077	94	B0-U0-G1		645	38	B0-U0-G0
			II-FR-HS	1766	80	B0-U0-G0	1907	87	B0-U0-G0	2007	91	B0-U0-G0	2107	96	B0-U0-G0		654	38	B0-U0-G0
			III-M-HS	1790	81	B0-U0-G1	1932	88	B0-U0-G1	2034	92	B0-U0-G1	2135	97	B0-U0-G1		663	39	B0-U0-G0
			III-W-HS	1742	79	B0-U0-G1	1881	85	B0-U0-G1	1979	90	B0-U0-G1	2078	94	B0-U0-G1		645	38	B0-U0-G0
			IV-HS	1890	86	B0-U0-G1	2040	93	B0-U0-G1	2147	98	B0-U0-G1	2254	102	B0-U0-G1		700	41	B0-U0-G0
			IV-FT-HS	1798	82	B0-U0-G1	1941	88	B0-U0-G1	2044	93	B0-U0-G1	2146	98	B0-U0-G1		666	39	B0-U0-G1
			20	525	33.0	II	3318	101	B1-U0-G1	3582	109	B1-U0-G1	3770	114	B1-U0-G1		3959	120	B1-U0-G1
II-FR	3284	100				B1-U0-G0	3545	107	B1-U0-G0	3731	113	B1-U0-G1	3918	119	B1-U0-G1	993	39	B0-U0-G0	
III-M	3416	104				B1-U0-G1	3688	112	B1-U0-G1	3882	118	B1-U0-G1	4076	124	B1-U0-G1	1033	41	B0-U0-G0	
III-W	3144	95				B1-U0-G1	3394	103	B1-U0-G1	3572	108	B1-U0-G1	3751	114	B1-U0-G1	950	37	B0-U0-G1	
IV	3465	105				B1-U0-G1	3740	113	B1-U0-G1	3937	119	B1-U0-G1	4134	125	B1-U0-G1	1047	41	B0-U0-G0	
IV-FT	3136	95				B1-U0-G1	3385	103	B1-U0-G1	3563	108	B1-U0-G1	3741	113	B1-U0-G1	948	37	B0-U0-G1	
VSQ-N	3657	111				B2-U0-G0	3948	120	B2-U0-G0	4156	126	B2-U0-G0	4364	132	B2-U0-G0	1105	44	B1-U0-G0	
VSQ-M	3602	109				B2-U0-G1	3888	118	B2-U0-G1	4093	124	B2-U0-G1	4297	130	B3-U0-G1	1089	43	B1-U0-G0	
VSQ-W	3419	104				B3-U0-G1	3690	112	B3-U0-G1	3885	118	B3-U0-G1	4079	124	B3-U0-G1	1033	41	B1-U0-G1	
II-HS	2472	75				B0-U0-G1	2669	81	B0-U0-G1	2809	85	B0-U0-G1	2949	89	B0-U0-G1	747	29	B0-U0-G0	
II-FR-HS	2508	76				B0-U0-G0	2708	82	B0-U0-G0	2850	86	B0-U0-G0	2992	91	B0-U0-G0	758	30	B0-U0-G0	
III-M-HS	2542	77				B0-U0-G1	2744	83	B0-U0-G1	2888	88	B0-U0-G1	3032	92	B0-U0-G1	769	30	B0-U0-G0	
III-W-HS	2473	75				B0-U0-G1	2670	81	B0-U0-G1	2811	85	B0-U0-G1	2951	89	B0-U0-G1	748	29	B0-U0-G1	
IV-HS	2683	81				B0-U0-G1	2897	88	B0-U0-G1	3049	92	B0-U0-G1	3201	97	B0-U0-G1	811	32	B0-U0-G0	
IV-FT-HS	2554	77				B0-U0-G1	2757	84	B0-U0-G1	2902	88	B0-U0-G1	3047	92	B0-U0-G1	772	30	B0-U0-G1	
20	700	44.0				II	4159	95	B1-U0-G1	4490	102	B1-U0-G1	4727	107	B1-U0-G1	4963	113	B1-U0-G1	N/A
			II-FR	4116	94	B1-U0-G1	4443	101	B1-U0-G1	4677	106	B1-U0-G1	4911	112	B1-U0-G1				
			III-M	4282	97	B1-U0-G1	4622	105	B1-U0-G1	4866	111	B1-U0-G1	5109	116	B1-U0-G1				
			III-W	3941	90	B1-U0-G1	4254	97	B1-U0-G1	4478	102	B1-U0-G2	4702	107	B1-U0-G2				
			IV	4343	99	B1-U0-G1	4688	107	B1-U0-G1	4935	112	B1-U0-G1	5182	118	B1-U0-G1				
			IV-FT	3931	89	B1-U0-G1	4243	96	B1-U0-G2	4466	102	B1-U0-G2	4690	107	B1-U0-G2				
			VSQ-N	4584	104	B2-U0-G0	4949	112	B2-U0-G0	5209	118	B2-U0-G0	5470	124	B2-U0-G0				
			VSQ-M	4515	103	B3-U0-G1	4874	111	B3-U0-G1	5131	117	B3-U0-G1	5387	122	B3-U0-G1				
			VSQ-W	4285	97	B3-U0-G1	4626	105	B3-U0-G1	4870	111	B3-U0-G1	5113	116	B3-U0-G1				
			II-HS	3099	70	B0-U0-G1	3345	76	B0-U0-G1	3521	80	B0-U0-G1	3697	84	B0-U0-G1				
			II-FR-HS	3144	71	B0-U0-G0	3394	77	B0-U0-G0	3573	81	B0-U0-G0	3751	85	B0-U0-G0				
			III-M-HS	3186	72	B0-U0-G1	3440	78	B0-U0-G1	3620	82	B0-U0-G1	3801	86	B0-U0-G1				
			III-W-HS	3101	70	B0-U0-G1	3347	76	B0-U0-G1	3523	80	B0-U0-G1	3699	84	B0-U0-G2				
			IV-HS	3364	76	B0-U0-G1	3631	83	B0-U0-G1	3822	87	B0-U0-G1	4013	91	B0-U0-G1				
			IV-FT-HS	3201	73	B0-U0-G1	3455	79	B0-U0-G2	3637	83	B0-U0-G2	3819	87	B0-U0-G2				
			20	875	55.0	II	5001	91	B1-U0-G1	5398	98	B1-U0-G1	5683	103	B2-U0-G1	5966	108	B2-U0-G1	
II-FR	4948	90				B1-U0-G1	5342	97	B1-U0-G1	5623	102	B1-U0-G1	5904	107	B1-U0-G1				
III-M	5148	94				B1-U0-G1	5557	101	B1-U0-G2	5850	106	B1-U0-G2	6142	112	B2-U0-G2				
III-W	4737	86				B1-U0-G2	5114	93	B1-U0-G2	5383	98	B1-U0-G2	5653	103	B1-U0-G2				
IV	5221	95				B1-U0-G1	5636	102	B1-U0-G1	5933	108	B1-U0-G2	6230	113	B2-U0-G2				
IV-FT	4725	86				B1-U0-G2	5101	93	B1-U0-G2	5370	98	B1-U0-G2	5638	103	B1-U0-G2				
VSQ-N	5511	100				B2-U0-G0	5950	108	B2-U0-G0	6263	114	B2-U0-G1	6576	120	B2-U0-G1				
VSQ-M	5428	99				B3-U0-G1	5860	107	B3-U0-G1	6168	112	B3-U0-G1	6476	118	B3-U0-G1				
VSQ-W	5152	94				B3-U0-G1	5562	101	B3-U0-G1	5854	106	B3-U0-G1	6147	112	B3-U0-G2				
II-HS	3725	68				B0-U0-G1	4021	73	B0-U0-G1	4233	77	B0-U0-G1	4444	81	B0-U0-G1				
II-FR-HS	3780	69				B0-U0-G0	4080	74	B0-U0-G0	4295	78	B0-U0-G1	4509	82	B0-U0-G1				
III-M-HS	3830	70				B0-U0-G1	4135	75	B0-U0-G1	4352	79	B0-U0-G2	4569	83	B0-U0-G2				
III-W-HS	3727	68				B0-U0-G2	4024	73	B0-U0-G2	4236	77	B0-U0-G2	4447	81	B0-U0-G2				
IV-HS	4044	74				B0-U0-G1	4365	79	B0-U0-G1	4595	84	B0-U0-G2	4824	88	B0-U0-G2				
IV-FT-HS	3848	70				B0-U0-G2	4154	76	B0-U0-G2	4373	80	B0-U0-G2	4591	83	B0-U0-G2				

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LCZ SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES (LCZ-PLD-NL)

LCZ-PLD-NL																			
LED Count	Drive Current (mA)	System Watts	Dist'n Type	27K (2700K - 70CRI)			30K (3000K - 70CRI)			40K (4000K - 70CRI)			50K (5000K - 70CRI)			System Watts	TRA (590nm)		
				LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING		LUMENS	LPW	BUG RATING
36	350	39.6	II	4206	106	B1-U0-G1	4540	115	B1-U0-G1	4780	121	B1-U0-G1	5019	127	B1-U0-G1	30.5	1558	51	B1-U0-G0
			II-FR	4163	105	B1-U0-G1	4493	113	B1-U0-G1	4730	119	B1-U0-G1	4966	125	B1-U0-G1		1542	51	B1-U0-G0
			III-M	4330	109	B1-U0-G1	4674	118	B1-U0-G1	4921	124	B1-U0-G1	5166	130	B1-U0-G1		1604	53	B1-U0-G0
			III-W	3985	101	B1-U0-G1	4302	109	B1-U0-G1	4528	114	B1-U0-G2	4754	120	B1-U0-G2		1476	48	B0-U0-G1
			IV	4392	111	B1-U0-G1	4741	120	B1-U0-G1	4991	126	B1-U0-G1	5240	132	B1-U0-G1		1627	53	B1-U0-G0
			IV-FT	3975	100	B1-U0-G1	4291	108	B1-U0-G2	4517	114	B1-U0-G2	4742	120	B1-U0-G2		1473	48	B0-U0-G1
			VSQ-N	4636	117	B2-U0-G0	5005	126	B2-U0-G0	5268	133	B2-U0-G0	5531	140	B2-U0-G0		1718	56	B1-U0-G0
			VSQ-M	4566	115	B3-U0-G1	4929	124	B3-U0-G1	5188	131	B3-U0-G1	5447	138	B3-U0-G1		1691	55	B1-U0-G0
			VSQ-W	4334	109	B3-U0-G1	4678	118	B3-U0-G1	4924	124	B3-U0-G1	5170	131	B3-U0-G1		1605	53	B1-U0-G1
			II-HS	3133	79	B0-U0-G1	3383	85	B0-U0-G1	3561	90	B0-U0-G1	3738	94	B0-U0-G1		1161	38	B0-U0-G0
			II-FR-HS	3179	80	B0-U0-G0	3432	87	B0-U0-G0	3613	91	B0-U0-G0	3793	96	B0-U0-G0		1178	39	B0-U0-G0
			III-M-HS	3222	81	B0-U0-G1	3478	88	B0-U0-G1	3661	92	B0-U0-G1	3844	97	B0-U0-G1		1194	39	B0-U0-G0
			III-W-HS	3135	79	B0-U0-G1	3384	85	B0-U0-G1	3563	90	B0-U0-G1	3741	94	B0-U0-G2		1161	38	B0-U0-G1
			IV-HS	3401	86	B0-U0-G1	3672	93	B0-U0-G1	3865	98	B0-U0-G1	4058	102	B0-U0-G1		1260	41	B0-U0-G0
			IV-FT-HS	3237	82	B0-U0-G1	3494	88	B0-U0-G2	3678	93	B0-U0-G2	3862	98	B0-U0-G2		1199	39	B0-U0-G1
			36	525	59.4	II	5973	101	B2-U0-G1	6447	109	B2-U0-G2	6787	114	B2-U0-G2		7126	120	B2-U0-G2
II-FR	5910	100				B1-U0-G1	6380	107	B1-U0-G1	6716	113	B2-U0-G1	7052	119	B2-U0-G1	1787	39	B1-U0-G0	
III-M	6149	104				B2-U0-G2	6638	112	B2-U0-G2	6987	118	B2-U0-G2	7336	124	B2-U0-G2	1859	41	B1-U0-G0	
III-W	5659	95				B1-U0-G2	6109	103	B1-U0-G2	6430	108	B1-U0-G2	6751	114	B1-U0-G2	1710	37	B0-U0-G1	
IV	6236	105				B2-U0-G2	6732	113	B2-U0-G2	7087	119	B2-U0-G2	7441	125	B2-U0-G2	1885	41	B1-U0-G0	
IV-FT	5644	95				B1-U0-G2	6093	103	B1-U0-G2	6414	108	B1-U0-G2	6734	113	B1-U0-G2	1706	37	B0-U0-G1	
VSQ-N	6583	111				B2-U0-G1	7106	120	B2-U0-G1	7481	126	B2-U0-G1	7854	132	B3-U0-G1	1990	44	B1-U0-G0	
VSQ-M	6483	109				B3-U0-G1	6999	118	B3-U0-G1	7367	124	B3-U0-G1	7735	130	B3-U0-G2	1960	43	B1-U0-G0	
VSQ-W	6154	104				B3-U0-G2	6643	112	B3-U0-G2	6993	118	B3-U0-G2	7342	124	B3-U0-G2	1860	41	B2-U0-G1	
II-HS	4450	75				B0-U0-G1	4804	81	B0-U0-G1	5056	85	B1-U0-G2	5309	89	B1-U0-G2	1345	29	B0-U0-G0	
II-FR-HS	4515	76				B0-U0-G1	4874	82	B0-U0-G1	5130	86	B0-U0-G1	5386	91	B0-U0-G1	1365	30	B0-U0-G0	
III-M-HS	4575	77				B0-U0-G2	4939	83	B0-U0-G2	5199	88	B0-U0-G2	5458	92	B0-U0-G2	1383	30	B0-U0-G0	
III-W-HS	4452	75				B0-U0-G2	4806	81	B0-U0-G2	5059	85	B0-U0-G2	5312	89	B0-U0-G2	1346	29	B0-U0-G1	
IV-HS	4830	81				B0-U0-G2	5214	88	B0-U0-G2	5488	92	B0-U0-G2	5762	97	B0-U0-G2	1460	32	B0-U0-G0	
IV-FT-HS	4596	77				B0-U0-G2	4962	84	B0-U0-G2	5223	88	B0-U0-G2	5484	92	B0-U0-G2	1389	30	B0-U0-G1	
36	700	79.2				II	7487	95	B2-U0-G2	8082	102	B2-U0-G2	8508	107	B2-U0-G2	8933	113	B2-U0-G2	N/A
			II-FR	7409	94	B2-U0-G1	7998	101	B2-U0-G1	8419	106	B2-U0-G1	8840	112	B2-U0-G1				
			III-M	7707	97	B2-U0-G2	8320	105	B2-U0-G2	8759	111	B2-U0-G2	9196	116	B2-U0-G2				
			III-W	7093	90	B1-U0-G2	7657	97	B1-U0-G2	8060	102	B1-U0-G2	8463	107	B2-U0-G2				
			IV	7817	99	B2-U0-G2	8439	107	B2-U0-G2	8883	112	B2-U0-G2	9327	118	B2-U0-G2				
			IV-FT	7075	89	B1-U0-G2	7638	96	B1-U0-G2	8040	102	B1-U0-G2	8441	107	B1-U0-G2				
			VSQ-N	8252	104	B3-U0-G1	8908	112	B3-U0-G1	9377	118	B3-U0-G1	9846	124	B3-U0-G1				
			VSQ-M	8127	103	B3-U0-G2	8773	111	B3-U0-G2	9235	117	B3-U0-G2	9697	122	B3-U0-G2				
			VSQ-W	7713	97	B3-U0-G2	8327	105	B3-U0-G2	8765	111	B4-U0-G2	9203	116	B4-U0-G2				
			II-HS	5578	70	B1-U0-G2	6021	76	B1-U0-G2	6338	80	B1-U0-G2	6655	84	B1-U0-G2				
			II-FR-HS	5659	71	B0-U0-G1	6109	77	B1-U0-G1	6431	81	B1-U0-G1	6752	85	B1-U0-G1				
			III-M-HS	5735	72	B0-U0-G2	6191	78	B0-U0-G2	6517	82	B0-U0-G2	6842	86	B0-U0-G2				
			III-W-HS	5581	70	B0-U0-G2	6025	76	B0-U0-G2	6342	80	B0-U0-G2	6659	84	B0-U0-G2				
			IV-HS	6054	76	B0-U0-G2	6536	83	B0-U0-G2	6880	87	B0-U0-G2	7223	91	B0-U0-G2				
			IV-FT-HS	5762	73	B0-U0-G2	6220	79	B0-U0-G2	6547	83	B0-U0-G2	6874	87	B1-U0-G2				
			36	875	99.0	II	9001	91	B2-U0-G2	9717	98	B2-U0-G2	10228	103	B2-U0-G2	10740	108	B2-U0-G2	
II-FR	8907	90				B2-U0-G1	9616	97	B2-U0-G1	10122	102	B2-U0-G1	10628	107	B2-U0-G1				
III-M	9266	94				B2-U0-G2	10003	101	B2-U0-G2	10530	106	B2-U0-G2	11056	112	B2-U0-G2				
III-W	8527	86				B2-U0-G2	9206	93	B2-U0-G2	9690	98	B2-U0-G2	10175	103	B2-U0-G2				
IV	9398	95				B2-U0-G2	10146	102	B2-U0-G2	10680	108	B2-U0-G2	11214	113	B2-U0-G2				
IV-FT	8506	86				B1-U0-G2	9182	93	B2-U0-G2	9665	98	B2-U0-G2	10148	103	B2-U0-G2				
VSQ-N	9921	100				B3-U0-G1	10710	108	B3-U0-G1	11273	114	B3-U0-G1	11837	120	B3-U0-G1				
VSQ-M	9771	99				B3-U0-G2	10548	107	B4-U0-G2	11103	112	B4-U0-G2	11658	118	B4-U0-G2				
VSQ-W	9274	94				B4-U0-G2	10011	101	B4-U0-G2	10538	106	B4-U0-G2	11065	112	B4-U0-G2				
II-HS	6705	68				B1-U0-G2	7239	73	B1-U0-G2	7620	77	B1-U0-G2	8001	81	B1-U0-G2				
II-FR-HS	6803	69				B1-U0-G1	7344	74	B1-U0-G1	7731	78	B1-U0-G1	8117	82	B1-U0-G1				
III-M-HS	6895	70				B0-U0-G2	7442	75	B0-U0-G2	7834	79	B0-U0-G2	8226	83	B1-U0-G2				
III-W-HS	6709	68				B0-U0-G2	7243	73	B0-U0-G2	7624	77	B0-U0-G2	8005	81	B1-U0-G2				
IV-HS	7279	74				B0-U0-G2	7857	79	B0-U0-G2	8271	84	B1-U0-G2	8684	88	B1-U0-G2				
IV-FT-HS	6927	70				B1-U0-G2	7478	76	B1-U0-G2	7871	80	B1-U0-G2	8265	83	B1-U0-G2				

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LCZ SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES (LCZ-PLD-NL)

LCZ-PLD-NL																										
LED Count	Drive Current (mA)	System Watts	Dist'n Type	27K (2700K - 70CRI)			30K (3000K - 70CRI)			40K (4000K - 70CRI)			50K (5000K - 70CRI)			System Watts	TRA (590nm)									
				LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING		LUMENS	LPW	BUG RATING							
48	350	52.8	II	5608	106	B2-U0-G1	6054	115	B2-U0-G1	6373	121	B2-U0-G1	6691	127	B2-U0-G2	40.7	2077	51	B1-U0-G1							
			II-FR	5550	105	B1-U0-G1	5991	113	B1-U0-G1	6307	119	B1-U0-G1	6622	125	B2-U0-G1		2056	51	B1-U0-G0							
			III-M	5774	109	B1-U0-G2	6233	118	B2-U0-G2	6561	124	B2-U0-G2	6889	130	B2-U0-G2		2139	53	B1-U0-G1							
			III-W	5313	101	B1-U0-G2	5736	109	B1-U0-G2	6038	114	B1-U0-G2	6340	120	B1-U0-G2		1968	48	B1-U0-G1							
			IV	5856	111	B1-U0-G2	6321	120	B2-U0-G2	6654	126	B2-U0-G2	6987	132	B2-U0-G2		2169	53	B1-U0-G1							
			IV-FT	5300	100	B1-U0-G2	5721	108	B1-U0-G2	6022	114	B1-U0-G2	6323	120	B1-U0-G2		1963	48	B1-U0-G1							
			VSQ-N	6181	117	B2-U0-G1	6673	126	B2-U0-G1	7024	133	B2-U0-G1	7375	140	B2-U0-G1		2290	56	B1-U0-G0							
			VSQ-M	6088	115	B3-U0-G1	6572	124	B3-U0-G1	6918	131	B3-U0-G1	7263	138	B3-U0-G1		2255	55	B2-U0-G0							
			VSQ-W	5778	109	B3-U0-G1	6238	118	B3-U0-G2	6566	124	B3-U0-G2	6894	131	B3-U0-G2		2140	53	B2-U0-G1							
			II-HS	4178	79	B0-U0-G1	4510	85	B0-U0-G1	4748	90	B0-U0-G1	4985	94	B1-U0-G2		1548	38	B0-U0-G0							
			II-FR-HS	4239	80	B0-U0-G1	4576	87	B0-U0-G1	4817	91	B0-U0-G1	5058	96	B0-U0-G1		1570	39	B0-U0-G0							
			III-M-HS	4296	81	B0-U0-G2	4638	88	B0-U0-G2	4882	92	B0-U0-G2	5125	97	B0-U0-G2		1591	39	B0-U0-G1							
			III-W-HS	4180	79	B0-U0-G2	4513	85	B0-U0-G2	4750	90	B0-U0-G2	4988	94	B0-U0-G2		1549	38	B0-U0-G1							
			IV-HS	4535	86	B0-U0-G1	4896	93	B0-U0-G2	5153	98	B0-U0-G2	5411	102	B0-U0-G2		1680	41	B0-U0-G1							
			IV-FT-HS	4316	82	B0-U0-G2	4659	88	B0-U0-G2	4904	93	B0-U0-G2	5149	98	B0-U0-G2		1599	39	B0-U0-G1							
			48	525	79.2	II	7963	101	B2-U0-G2	8597	109	B2-U0-G2	9049	114	B2-U0-G2		9502	120	B2-U0-G2	61.0	2407	39	B1-U0-G1			
						II-FR	7880	100	B2-U0-G1	8507	107	B2-U0-G1	8955	113	B2-U0-G1		9403	119	B2-U0-G1		2382	39	B1-U0-G0			
						III-M	8198	104	B2-U0-G2	8850	112	B2-U0-G2	9316	118	B2-U0-G2		9782	124	B2-U0-G2		2478	41	B1-U0-G1			
III-W	7545	95				B1-U0-G2	8145	103	B1-U0-G2	8573	108	B2-U0-G2	9002	114	B2-U0-G2	2280	37	B1-U0-G1								
IV	8315	105				B2-U0-G2	8976	113	B2-U0-G2	9449	119	B2-U0-G2	9921	125	B2-U0-G2	2513	41	B1-U0-G1								
IV-FT	7525	95				B1-U0-G2	8124	103	B1-U0-G2	8551	108	B1-U0-G2	8979	113	B2-U0-G2	2275	37	B1-U0-G1								
VSQ-N	8777	111				B3-U0-G1	9476	120	B3-U0-G1	9974	126	B3-U0-G1	10473	132	B3-U0-G1	2653	43	B1-U0-G0								
VSQ-M	8644	109				B3-U0-G2	9332	118	B3-U0-G2	9823	124	B3-U0-G2	10314	130	B3-U0-G2	2613	43	B2-U0-G0								
VSQ-W	8204	104				B3-U0-G2	8857	112	B4-U0-G2	9323	118	B4-U0-G2	9789	124	B4-U0-G2	2480	41	B2-U0-G1								
II-HS	5933	75				B1-U0-G2	6405	81	B1-U0-G2	6742	85	B1-U0-G2	7079	89	B1-U0-G2	1793	29	B0-U0-G0								
II-FR-HS	6019	76				B1-U0-G1	6498	82	B1-U0-G1	6840	86	B1-U0-G1	7182	91	B1-U0-G1	1819	30	B0-U0-G0								
III-M-HS	6100	77				B0-U0-G2	6585	83	B0-U0-G2	6931	88	B0-U0-G2	7278	92	B0-U0-G2	1844	30	B0-U0-G1								
III-W-HS	5936	75				B0-U0-G2	6408	81	B0-U0-G2	6745	85	B0-U0-G2	7083	89	B0-U0-G2	1794	29	B0-U0-G1								
IV-HS	6440	81				B0-U0-G2	6952	88	B0-U0-G2	7317	92	B0-U0-G2	7683	97	B0-U0-G2	1946	32	B0-U0-G1								
IV-FT-HS	6128	77				B0-U0-G2	6616	84	B0-U0-G2	6964	88	B1-U0-G2	7312	92	B1-U0-G2	1852	30	B0-U0-G1								
48	700	105.6				II	9982	95	B2-U0-G2	10776	102	B2-U0-G2	11344	107	B2-U0-G2	11911	113	B2-U0-G2	N/A		N/A					
						II-FR	9878	94	B2-U0-G1	10664	101	B2-U0-G1	11225	106	B2-U0-G1	11786	112	B2-U0-G1								
						III-M	10277	97	B2-U0-G2	11094	105	B2-U0-G2	11678	111	B2-U0-G2	12262	116	B2-U0-G2								
			III-W	9457	90	B2-U0-G2	10209	97	B2-U0-G2	10747	102	B2-U0-G2	11284	107	B2-U0-G2											
			IV	10423	99	B2-U0-G2	11252	107	B2-U0-G2	11844	112	B2-U0-G2	12436	118	B2-U0-G2											
			IV-FT	9433	89	B2-U0-G2	10184	96	B2-U0-G2	10719	102	B2-U0-G2	11255	107	B2-U0-G2											
			VSQ-N	11002	104	B3-U0-G1	11877	112	B3-U0-G1	12502	118	B3-U0-G1	13127	124	B3-U0-G1											
			VSQ-M	10836	103	B4-U0-G2	11698	111	B4-U0-G2	12313	117	B4-U0-G2	12929	122	B4-U0-G2											
			VSQ-W	10284	97	B4-U0-G2	11103	105	B4-U0-G2	11687	111	B4-U0-G2	12271	116	B4-U0-G2											
			II-HS	7436	70	B1-U0-G2	8028	76	B1-U0-G2	8451	80	B1-U0-G2	8873	84	B1-U0-G2											
			II-FR-HS	7545	71	B1-U0-G1	8146	77	B1-U0-G1	8574	81	B1-U0-G1	9003	85	B1-U0-G1											
			III-M-HS	7646	72	B0-U0-G2	8254	78	B1-U0-G2	8689	82	B1-U0-G2	9123	86	B1-U0-G2											
			III-W-HS	7441	70	B0-U0-G2	8033	76	B1-U0-G2	8455	80	B1-U0-G2	8878	84	B1-U0-G2											
			IV-HS	8072	76	B0-U0-G2	8714	83	B1-U0-G2	9173	87	B1-U0-G2	9631	91	B1-U0-G2											
			IV-FT-HS	7682	73	B1-U0-G2	8293	79	B1-U0-G2	8730	83	B1-U0-G2	9166	87	B1-U0-G3											
			48	875	132.0	II	12001	91	B2-U0-G2	12956	98	B2-U0-G2	13638	103	B2-U0-G2	14320	108	B3-U0-G2		N/A				N/A		
						II-FR	11876	90	B2-U0-G1	12821	97	B2-U0-G1	13496	102	B3-U0-G1	14171	107	B3-U0-G1								
						III-M	12355	94	B2-U0-G2	13338	101	B2-U0-G2	14040	106	B2-U0-G2	14741	112	B2-U0-G2								
III-W	11370	86				B2-U0-G2	12274	93	B2-U0-G2	12920	98	B2-U0-G3	13566	103	B2-U0-G3											
IV	12531	95				B2-U0-G2	13528	102	B2-U0-G2	14240	108	B2-U0-G2	14952	113	B2-U0-G2											
IV-FT	11340	86				B2-U0-G3	12243	93	B2-U0-G3	12887	98	B2-U0-G3	13531	103	B2-U0-G3											
VSQ-N	13227	100				B3-U0-G1	14280	108	B3-U0-G1	15031	114	B3-U0-G1	15783	120	B4-U0-G1											
VSQ-M	13027	99				B4-U0-G2	14064	107	B4-U0-G2	14804	112	B4-U0-G2	15544	118	B4-U0-G2											
VSQ-W	12365	94				B4-U0-G2	13348	101	B4-U0-G2	14051	106	B4-U0-G2	14753	112	B4-U0-G3											
II-HS	8940	68				B1-U0-G2	9651	73	B1-U0-G2	10159	77	B1-U0-G2	10667	81	B1-U0-G2											
II-FR-HS	9071	69				B1-U0-G1	9792	74	B1-U0-G1	10308	78	B1-U0-G1	10823	82	B1-U0-G1											
III-M-HS	9192	70				B1-U0-G2	9923	75	B1-U0-G2	10446	79	B1-U0-G2	10968	83	B1-U0-G2											
III-W-HS	8945	68				B1-U0-G2	9657	73	B1-U0-G2	10165	77	B1-U0-G3	10673	81	B1-U0-G3											
IV-HS	9704	74				B1-U0-G2	10477	79	B1-U0-G2	11028	84	B1-U0-G2	11579	88	B1-U0-G2											
IV-FT-HS	9236	70				B1-U0-G3	9970	76	B1-U0-G3	10495	80	B1-U0-G3	11020	83	B1-U0-G3											

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LCZ SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES (LCZ-PLD-CA)

LCZ-PLD-CA																			
LED Count	Drive Current (mA)	System Watts	Dist'n Type	27K (2700K - 70CRI)			30K (3000K - 70CRI)			40K (4000K - 70CRI)			50K (5000K - 70CRI)			System Watts	TRA (590nm)		
				LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING		LUMENS	LPW	BUG RATING
20	350	22.0	II	2125	97	B1-U1-G1	2293	104	B1-U1-G1	2414	110	B1-U1-G1	2534	115	B1-U1-G1	17.0	788	46	B0-U1-G0
			II-FR	2059	94	B1-U2-G0	2221	101	B1-U2-G0	2338	106	B1-U2-G0	2453	112	B1-U2-G0		763	45	B0-U1-G0
			III-M	2192	100	B1-U1-G1	2366	108	B1-U1-G1	2490	113	B1-U1-G1	2614	119	B1-U1-G1		813	48	B0-U1-G0
			III-W	2017	92	B1-U1-G1	2176	99	B1-U1-G1	2291	104	B1-U1-G1	2405	109	B1-U1-G1		747	44	B0-U1-G1
			IV	2229	101	B1-U1-G1	2406	109	B1-U1-G1	2532	115	B1-U1-G1	2658	121	B1-U1-G1		826	49	B0-U1-G0
			IV-FT	2004	91	B1-U1-G1	2163	98	B1-U1-G1	2276	103	B1-U1-G1	2390	109	B1-U1-G1		742	44	B0-U1-G1
			VSQ-N	2334	106	B1-U1-G0	2519	114	B1-U1-G0	2651	120	B1-U1-G0	2783	126	B1-U1-G0		866	51	B1-U1-G0
			VSQ-M	2336	106	B2-U1-G0	2522	115	B2-U1-G0	2654	121	B2-U1-G0	2786	127	B2-U1-G1		864	51	B1-U1-G0
			VSQ-W	2216	101	B2-U1-G1	2392	109	B2-U1-G1	2517	114	B2-U1-G1	2642	120	B2-U1-G1		819	48	B1-U1-G1
			II-HS	1604	73	B0-U1-G0	1731	79	B0-U1-G0	1822	83	B0-U1-G0	1913	87	B0-U1-G1		593	35	B0-U1-G0
			II-FR-HS	1595	73	B0-U1-G0	1721	78	B0-U1-G0	1811	82	B0-U1-G0	1901	86	B0-U1-G0		590	35	B0-U1-G0
			III-M-HS	1655	75	B0-U1-G1	1786	81	B0-U1-G1	1879	85	B0-U1-G1	1973	90	B0-U1-G1		611	36	B0-U1-G0
			III-W-HS	1606	73	B0-U1-G1	1733	79	B0-U1-G1	1824	83	B0-U1-G1	1915	87	B0-U1-G1		593	35	B0-U1-G0
			IV-HS	1746	79	B0-U1-G1	1885	86	B0-U1-G1	1983	90	B0-U1-G1	2082	95	B0-U1-G1		645	38	B0-U0-G0
			IV-FT-HS	1662	76	B0-U1-G1	1793	82	B0-U1-G1	1887	86	B0-U1-G1	1981	90	B0-U1-G1		614	36	B0-U1-G1
			20	525	33.0	II	3016	91	B1-U1-G1	3255	99	B1-U1-G1	3426	104	B1-U1-G1		3596	109	B1-U1-G1
II-FR	2922	89				B1-U2-G0	3154	96	B1-U2-G1	3319	101	B1-U2-G1	3484	106	B1-U2-G1	884	35	B0-U1-G0	
III-M	3111	94				B1-U1-G1	3358	102	B1-U1-G1	3534	107	B1-U1-G1	3710	112	B1-U1-G1	942	37	B0-U1-G0	
III-W	2863	87				B1-U1-G1	3089	94	B1-U1-G1	3252	99	B1-U1-G1	3413	103	B1-U1-G1	867	34	B0-U1-G1	
IV	3163	96				B1-U1-G1	3414	103	B1-U1-G1	3593	109	B1-U1-G1	3772	114	B1-U1-G1	958	38	B0-U1-G1	
IV-FT	2845	86				B1-U1-G1	3071	93	B1-U1-G1	3232	98	B1-U1-G1	3393	103	B1-U1-G1	862	34	B0-U1-G1	
VSQ-N	3312	100				B2-U2-G0	3575	108	B2-U2-G0	3762	114	B2-U2-G0	3949	120	B2-U2-G0	1003	39	B1-U1-G0	
VSQ-M	3318	101				B2-U1-G1	3581	109	B2-U1-G1	3769	114	B2-U1-G1	3957	120	B2-U1-G1	1005	40	B1-U1-G0	
VSQ-W	3146	95				B2-U1-G1	3396	103	B3-U1-G1	3574	108	B3-U1-G1	3752	114	B3-U1-G1	952	37	B1-U1-G1	
II-HS	2278	69				B0-U1-G1	2458	74	B1-U1-G1	2587	78	B1-U1-G1	2716	82	B1-U1-G1	689	27	B0-U1-G0	
II-FR-HS	2265	69				B0-U1-G0	2444	74	B0-U1-G0	2572	78	B0-U1-G0	2699	82	B0-U1-G0	686	27	B0-U1-G0	
III-M-HS	2349	71				B0-U1-G1	2536	77	B0-U1-G1	2669	81	B0-U1-G1	2802	85	B1-U1-G1	710	28	B0-U1-G0	
III-W-HS	2280	69				B0-U1-G1	2460	75	B0-U1-G1	2589	78	B0-U1-G1	2718	82	B1-U1-G1	688	27	B0-U1-G1	
IV-HS	2479	75				B0-U1-G1	2676	81	B0-U1-G1	2816	85	B1-U1-G1	2956	90	B1-U1-G1	749	30	B0-U1-G0	
IV-FT-HS	2358	71				B1-U1-G1	2545	77	B1-U1-G1	2678	81	B1-U1-G1	2812	85	B1-U1-G1	711	28	B0-U1-G1	
20	700	44.0				II	3782	86	B1-U2-G1	4081	93	B1-U2-G1	4295	98	B1-U2-G1	4509	102	B1-U2-G1	N/A
			II-FR	3662	83	B1-U2-G1	3954	90	B1-U2-G1	4161	95	B1-U2-G1	4368	99	B1-U2-G1				
			III-M	3901	89	B1-U2-G1	4210	96	B1-U2-G1	4431	101	B1-U2-G1	4652	106	B1-U2-G1				
			III-W	3588	82	B1-U2-G1	3873	88	B1-U2-G1	4076	93	B1-U2-G1	4279	97	B1-U2-G1				
			IV	3966	90	B1-U2-G1	4280	97	B1-U2-G1	4504	102	B1-U2-G1	4729	107	B1-U2-G1				
			IV-FT	3566	81	B1-U2-G1	3849	87	B1-U2-G1	4051	92	B1-U2-G1	4252	97	B1-U2-G2				
			VSQ-N	4153	94	B2-U2-G0	4482	102	B2-U2-G0	4717	107	B2-U2-G0	4952	113	B2-U2-G0				
			VSQ-M	4158	94	B3-U1-G1	4488	102	B3-U1-G1	4723	107	B3-U1-G1	4959	113	B3-U1-G1				
			VSQ-W	3942	90	B3-U1-G1	4255	97	B3-U1-G1	4478	102	B3-U1-G1	4702	107	B3-U1-G1				
			II-HS	2854	65	B1-U1-G1	3080	70	B1-U1-G1	3242	74	B1-U1-G1	3403	77	B1-U1-G1				
			II-FR-HS	2838	65	B0-U2-G0	3063	70	B1-U2-G0	3223	73	B1-U2-G0	3384	77	B1-U2-G0				
			III-M-HS	2943	67	B1-U1-G1	3176	72	B1-U1-G1	3343	76	B1-U1-G1	3510	80	B1-U1-G1				
			III-W-HS	2856	65	B1-U1-G1	3082	70	B1-U1-G1	3244	74	B1-U1-G1	3406	77	B1-U1-G1				
			IV-HS	3106	71	B1-U1-G1	3352	76	B1-U1-G1	3528	80	B1-U1-G1	3704	84	B1-U1-G1				
			IV-FT-HS	2954	67	B1-U1-G1	3188	72	B1-U1-G1	3356	76	B1-U1-G1	3523	80	B1-U1-G2				
			20	875	55.0	II	4543	83	B1-U2-G1	4904	89	B1-U2-G1	5162	94	B1-U2-G1	5419	99	B2-U2-G1	
II-FR	4401	80				B1-U2-G1	4754	86	B1-U2-G1	5002	91	B1-U2-G1	5251	95	B1-U2-G1				
III-M	4687	85				B1-U2-G1	5059	92	B1-U2-G1	5324	97	B1-U2-G1	5590	102	B1-U2-G1				
III-W	4311	78				B1-U2-G1	4653	85	B1-U2-G2	4897	89	B1-U2-G2	5142	93	B1-U2-G2				
IV	4765	87				B1-U2-G1	5143	94	B1-U2-G1	5413	98	B1-U2-G1	5682	103	B2-U2-G1				
IV-FT	4285	78				B1-U2-G2	4625	84	B1-U2-G2	4867	88	B1-U2-G2	5110	93	B1-U2-G2				
VSQ-N	4990	91				B2-U2-G0	5387	98	B2-U2-G1	5669	103	B2-U2-G1	5952	108	B2-U2-G1				
VSQ-M	4997	91				B3-U1-G1	5393	98	B3-U1-G1	5676	103	B3-U1-G1	5959	108	B3-U1-G1				
VSQ-W	4738	86				B3-U1-G1	5114	93	B3-U1-G1	5383	98	B3-U1-G1	5651	103	B3-U1-G2				
II-HS	3429	62				B1-U1-G1	3701	67	B1-U1-G1	3895	71	B1-U1-G1	4089	74	B1-U1-G1				
II-FR-HS	3409	62				B1-U2-G0	3680	67	B1-U2-G0	3873	70	B1-U2-G0	4066	74	B1-U2-G0				
III-M-HS	3536	64				B1-U1-G1	3817	69	B1-U1-G1	4018	73	B1-U1-G1	4218	77	B1-U1-G1				
III-W-HS	3432	62				B1-U1-G1	3704	67	B1-U1-G1	3899	71	B1-U1-G2	4093	74	B1-U1-G2				
IV-HS	3733	68				B1-U1-G1	4029	73	B1-U1-G1	4240	77	B1-U1-G1	4452	81	B1-U1-G1				
IV-FT-HS	3551	65				B1-U1-G2	3832	70	B1-U1-G2	4034	73	B1-U1-G2	4235	77	B1-U1-G2				

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LCZ SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES (LCZ-PLED-CA)

LCZ-PLED-CA																			
LED Count	Drive Current (mA)	System Watts	Dist'n Type	27K (2700K - 70CRI)			30K (3000K - 70CRI)			40K (4000K - 70CRI)			50K (5000K - 70CRI)			System Watts	TRA (590nm)		
				LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING		LUMENS	LPW	BUG RATING
36	350	39.6	II	3824	97	B1-U2-G1	4127	104	B1-U2-G1	4343	110	B1-U2-G1	4559	115	B1-U2-G1	30.5	1416	46	B1-U1-G0
			II-FR	3703	94	B1-U2-G1	3998	101	B1-U2-G1	4208	106	B1-U2-G1	4417	112	B1-U2-G1		1372	45	B0-U1-G0
			III-M	3945	100	B1-U2-G1	4257	108	B1-U2-G1	4480	113	B1-U2-G1	4703	119	B1-U2-G1		1461	48	B1-U1-G0
			III-W	3629	92	B1-U2-G1	3916	99	B1-U2-G1	4121	104	B1-U2-G1	4327	109	B1-U2-G1		1344	44	B0-U1-G1
			IV	4010	101	B1-U2-G1	4328	109	B1-U2-G1	4555	115	B1-U2-G1	4782	121	B1-U2-G1		1485	49	B1-U1-G0
			IV-FT	3606	91	B1-U2-G1	3892	98	B1-U2-G1	4096	103	B1-U2-G1	4300	109	B1-U2-G2		1336	44	B0-U1-G1
			VSQ-N	4200	106	B2-U2-G0	4532	114	B2-U2-G0	4770	120	B2-U2-G0	5007	126	B2-U2-G0		1555	51	B1-U1-G0
			VSQ-M	4205	106	B3-U1-G1	4538	115	B3-U1-G1	4776	121	B3-U1-G1	5014	127	B3-U1-G1		1558	51	B1-U1-G0
			VSQ-W	3987	101	B3-U1-G1	4303	109	B3-U1-G1	4529	114	B3-U1-G1	4755	120	B3-U1-G1		1477	48	B1-U1-G1
			II-HS	2886	73	B1-U1-G1	3114	79	B1-U1-G1	3278	83	B1-U1-G1	3441	87	B1-U1-G1		1069	35	B0-U1-G0
			II-FR-HS	2870	72	B0-U2-G0	3097	78	B1-U2-G0	3259	82	B1-U2-G0	3421	86	B1-U2-G0		1063	35	B0-U1-G0
			III-M-HS	2976	75	B1-U1-G1	3212	81	B1-U1-G1	3381	85	B1-U1-G1	3549	90	B1-U1-G1		1102	36	B0-U1-G0
			III-W-HS	2888	73	B1-U1-G1	3117	79	B1-U1-G1	3281	83	B1-U1-G1	3444	87	B1-U1-G1		1069	35	B0-U1-G1
			IV-HS	3141	79	B1-U1-G1	3390	86	B1-U1-G1	3568	90	B1-U1-G1	3746	95	B1-U1-G1		1163	38	B0-U1-G0
			IV-FT-HS	2987	75	B1-U1-G1	3224	81	B1-U1-G1	3394	86	B1-U1-G1	3563	90	B1-U1-G2		1105	36	B0-U1-G1
			36	525	59.4	II	5428	91	B2-U2-G1	5860	99	B2-U2-G1	6167	104	B2-U2-G1		6474	109	B2-U2-G1
II-FR	5258	89				B1-U2-G1	5678	96	B1-U2-G1	5975	101	B1-U2-G1	6272	106	B1-U2-G1	1590	35	B0-U1-G0	
III-M	5600	94				B1-U2-G1	6044	102	B2-U2-G2	6361	107	B2-U2-G2	6678	112	B2-U2-G2	1692	37	B1-U1-G1	
III-W	5152	87				B1-U2-G2	5560	94	B1-U2-G2	5852	99	B1-U2-G2	6143	103	B1-U2-G2	1557	34	B0-U1-G1	
IV	5693	96				B2-U2-G1	6144	103	B2-U2-G2	6467	109	B2-U2-G2	6789	114	B2-U2-G2	1720	38	B1-U1-G0	
IV-FT	5120	86				B1-U2-G2	5526	93	B1-U2-G2	5816	98	B1-U2-G2	6106	103	B1-U2-G2	1547	34	B0-U1-G1	
VSQ-N	5962	100				B2-U2-G1	6436	108	B2-U2-G1	6773	114	B2-U2-G1	7110	120	B2-U2-G1	1802	39	B1-U1-G0	
VSQ-M	5970	101				B3-U2-G1	6444	108	B3-U2-G1	6782	114	B3-U2-G1	7120	120	B3-U2-G1	1804	39	B1-U1-G0	
VSQ-W	5660	95				B3-U1-G2	6109	103	B3-U1-G2	6430	108	B3-U1-G2	6751	114	B3-U1-G2	1710	37	B2-U1-G1	
II-HS	4097	69				B1-U1-G1	4422	74	B1-U1-G1	4654	78	B1-U1-G1	4886	82	B1-U1-G1	1238	27	B0-U1-G0	
II-FR-HS	4074	69				B1-U2-G0	4397	74	B1-U2-G1	4628	78	B1-U2-G1	4858	82	B1-U2-G1	1231	27	B0-U1-G0	
III-M-HS	4225	71				B1-U1-G1	4560	77	B1-U1-G2	4800	81	B1-U1-G2	5039	85	B1-U1-G2	1276	28	B0-U1-G0	
III-W-HS	4099	69				B1-U1-G2	4424	74	B1-U1-G2	4657	78	B1-U1-G2	4889	82	B1-U1-G2	1238	27	B0-U1-G1	
IV-HS	4459	75				B1-U1-G1	4813	81	B1-U1-G2	5066	85	B1-U1-G2	5318	90	B1-U1-G2	1347	29	B0-U1-G0	
IV-FT-HS	4240	71				B1-U1-G2	4576	77	B1-U1-G2	4817	81	B1-U1-G2	5057	85	B1-U1-G2	1280	28	B0-U1-G1	
36	700	79.2				II	6803	86	B2-U2-G2	7345	93	B2-U2-G2	7731	98	B2-U2-G2	8115	102	B2-U2-G2	N/A
			II-FR	6591	83	B1-U2-G1	7116	90	B1-U2-G1	7489	95	B2-U2-G1	7862	99	B2-U2-G1				
			III-M	7017	89	B2-U2-G2	7577	96	B2-U2-G2	7974	101	B2-U2-G2	8372	106	B2-U2-G2				
			III-W	6456	82	B1-U2-G2	6971	88	B1-U2-G2	7336	93	B1-U2-G2	7702	97	B2-U2-G2				
			IV	7134	90	B2-U2-G2	7703	97	B2-U2-G2	8107	102	B2-U2-G2	8511	107	B2-U2-G2				
			IV-FT	6417	81	B1-U2-G2	6928	87	B1-U2-G2	7292	92	B1-U2-G2	7655	97	B1-U2-G2				
			VSQ-N	7470	94	B2-U2-G1	8067	102	B3-U2-G1	8490	107	B3-U2-G1	8913	113	B3-U2-G1				
			VSQ-M	7485	95	B3-U2-G2	8079	102	B3-U2-G2	8503	107	B3-U2-G2	8927	113	B3-U2-G2				
			VSQ-W	7097	90	B3-U2-G2	7661	97	B3-U2-G2	8063	102	B3-U2-G2	8465	107	B4-U2-G2				
			II-HS	5137	65	B1-U2-G2	5545	70	B1-U2-G2	5836	74	B1-U2-G2	6127	77	B1-U2-G2				
			II-FR-HS	5106	64	B1-U2-G1	5513	70	B1-U2-G1	5802	73	B1-U2-G1	6091	77	B1-U2-G1				
			III-M-HS	5299	67	B1-U2-G2	5719	72	B1-U2-G2	6019	76	B1-U2-G2	6319	80	B1-U2-G2				
			III-W-HS	5141	65	B1-U2-G2	5549	70	B1-U2-G2	5841	74	B1-U2-G2	6132	77	B1-U2-G2				
			IV-HS	5592	71	B1-U2-G2	6036	76	B1-U2-G2	6353	80	B1-U2-G2	6669	84	B1-U2-G2				
			IV-FT-HS	5318	67	B1-U1-G2	5740	72	B1-U1-G2	6042	76	B1-U1-G2	6343	80	B1-U1-G2				
			36	875	99.0	II	8178	83	B2-U2-G2	8830	89	B2-U2-G2	9293	94	B2-U2-G2	9756	99	B2-U2-G2	
II-FR	7926	80				B2-U2-G1	8555	86	B2-U2-G1	9006	91	B2-U2-G1	9456	96	B2-U2-G1				
III-M	8436	85				B2-U2-G2	9109	92	B2-U2-G2	9587	97	B2-U2-G2	10064	102	B2-U2-G2				
III-W	7760	78				B2-U2-G2	8378	85	B2-U2-G2	8818	89	B2-U2-G2	9258	94	B2-U2-G2				
IV	8576	87				B2-U2-G2	9260	94	B2-U2-G2	9745	98	B2-U2-G2	10231	103	B2-U2-G2				
IV-FT	7713	78				B1-U2-G2	8327	84	B2-U2-G2	8764	89	B2-U2-G2	9201	93	B2-U2-G2				
VSQ-N	8982	91				B3-U2-G1	9699	98	B3-U2-G1	10207	103	B3-U2-G1	10716	108	B3-U2-G1				
VSQ-M	8995	91				B3-U2-G2	9710	98	B3-U2-G2	10220	103	B4-U2-G2	10729	108	B4-U2-G2				
VSQ-W	8530	86				B4-U2-G2	9207	93	B4-U2-G2	9691	98	B4-U2-G2	10174	103	B4-U2-G2				
II-HS	6173	62				B1-U2-G2	6663	67	B1-U2-G2	7013	71	B1-U2-G2	7363	74	B1-U2-G2				
II-FR-HS	6138	62				B1-U2-G1	6626	67	B1-U2-G1	6973	70	B1-U2-G1	7321	74	B1-U2-G1				
III-M-HS	6367	64				B1-U2-G2	6872	69	B1-U2-G2	7233	73	B1-U2-G2	7594	77	B1-U2-G2				
III-W-HS	6179	62				B1-U2-G2	6669	67	B1-U2-G2	7019	71	B1-U2-G2	7369	74	B1-U2-G2				
IV-HS	6721	68				B1-U2-G2	7254	73	B1-U2-G2	7635	77	B1-U2-G2	8015	81	B1-U2-G2				
IV-FT-HS	6392	65				B1-U1-G2	6899	70	B1-U1-G2	7262	73	B1-U1-G2	7624	77	B1-U1-G2				

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LCZ SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES (LCZ-PLD-CA)

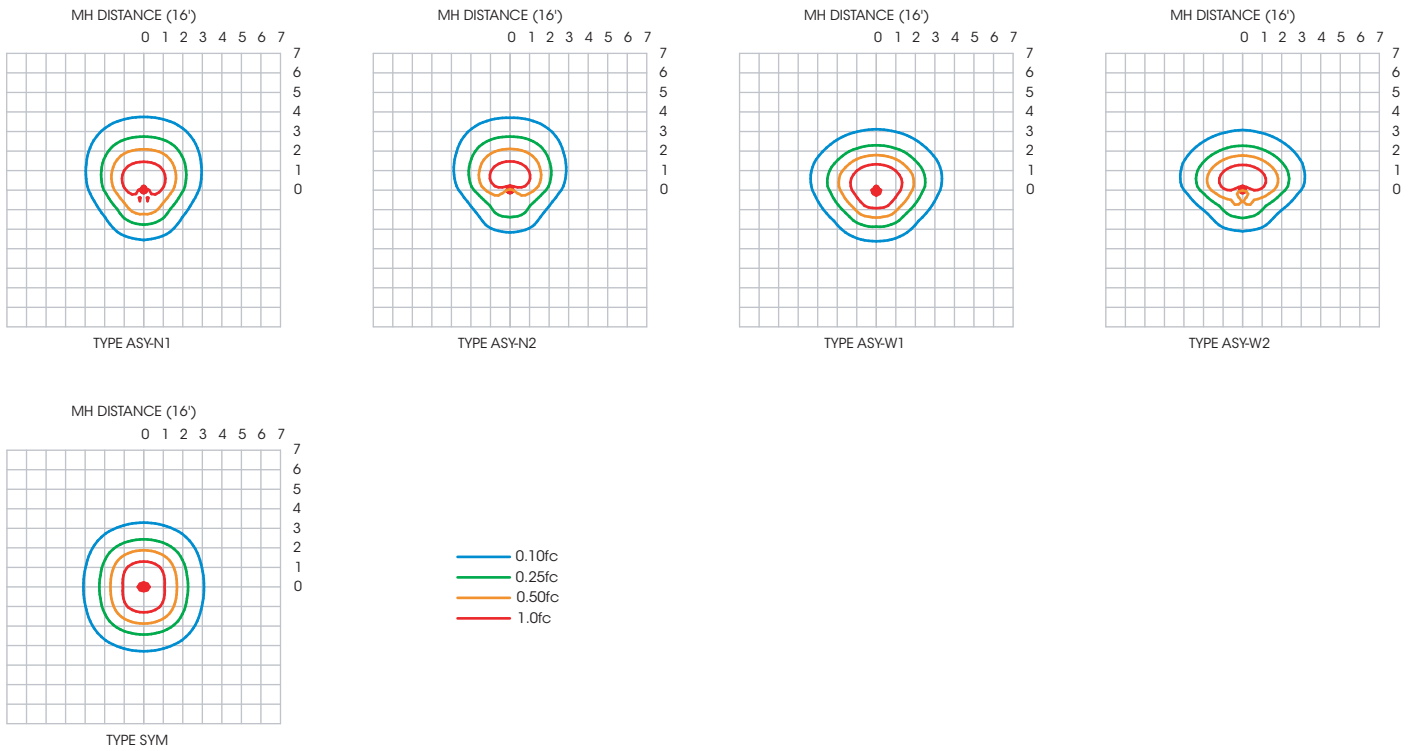
LCZ-PLD-CA																			
LED Count	Drive Current (mA)	System Watts	Dist'n Type	27K (2700K - 70CRI)			30K (3000K - 70CRI)			40K (4000K - 70CRI)			50K (5000K - 70CRI)			System Watts	TRA (590nm)		
				LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING		LUMENS	LPW	BUG RATING
48	350	52.8	II	5097	97	B1-U2-G1	5502	104	B2-U2-G1	5791	110	B2-U2-G1	6079	115	B2-U2-G1	40.7	1887	46	B1-U1-G1
			II-FR	4936	93	B1-U2-G1	5331	101	B1-U2-G1	5610	106	B1-U2-G1	5889	112	B1-U2-G1		1829	45	B1-U1-G0
			III-M	5258	100	B1-U2-G1	5676	107	B1-U2-G1	5974	113	B2-U2-G2	6271	119	B2-U2-G2		1947	48	B1-U1-G1
			III-W	4838	92	B1-U2-G2	5222	99	B1-U2-G2	5496	104	B1-U2-G2	5769	109	B1-U2-G2		1791	44	B1-U1-G1
			IV	5347	101	B1-U2-G1	5771	109	B2-U2-G1	6073	115	B2-U2-G2	6376	121	B2-U2-G2		1979	49	B1-U1-G1
			IV-FT	4809	91	B1-U2-G2	5190	98	B1-U2-G2	5462	103	B1-U2-G2	5734	109	B1-U2-G2		1780	44	B0-U1-G1
			VSQ-N	5598	106	B2-U2-G1	6043	114	B2-U2-G1	6360	120	B2-U2-G1	6677	126	B2-U2-G1		2073	51	B1-U1-G0
			VSQ-M	5607	106	B3-U2-G1	6052	115	B3-U2-G1	6369	121	B3-U2-G1	6687	127	B3-U2-G1		2076	51	B2-U1-G0
			VSQ-W	5316	101	B3-U1-G1	5737	109	B3-U1-G2	6039	114	B3-U1-G2	6340	120	B3-U1-G2		1968	48	B2-U1-G1
			II-HS	3847	73	B1-U1-G1	4153	79	B1-U1-G1	4370	83	B1-U1-G1	4588	87	B1-U1-G1		1424	35	B0-U1-G0
			II-FR-HS	3826	72	B1-U2-G0	4130	78	B1-U2-G0	4346	82	B1-U2-G1	4562	86	B1-U2-G1		1416	35	B0-U1-G0
			III-M-HS	3968	75	B1-U1-G1	4282	81	B1-U1-G1	4507	85	B1-U1-G2	4732	90	B1-U1-G2		1468	36	B0-U1-G0
			III-W-HS	3849	73	B1-U1-G2	4155	79	B1-U1-G2	4373	83	B1-U1-G2	4591	87	B1-U1-G2		1424	35	B0-U1-G1
			IV-HS	4188	79	B1-U1-G1	4520	86	B1-U1-G1	4757	90	B1-U1-G2	4995	95	B1-U1-G2		1550	38	B0-U1-G0
			IV-FT-HS	3982	75	B1-U1-G2	4298	81	B1-U1-G2	4524	86	B1-U1-G2	4750	90	B1-U1-G2		1473	36	B0-U1-G1
			48	525	79.2	II	7234	91	B2-U2-G2	7812	99	B2-U2-G2	8221	104	B2-U2-G2		8631	109	B2-U2-G2
II-FR	7010	89				B1-U2-G1	7570	96	B2-U2-G1	7966	101	B2-U2-G1	8363	106	B2-U2-G1	2117	35	B1-U1-G0	
III-M	7462	94				B2-U2-G2	8058	102	B2-U2-G2	8481	107	B2-U2-G2	8903	112	B2-U2-G2	2254	37	B1-U1-G1	
III-W	6865	87				B1-U2-G2	7412	94	B1-U2-G2	7801	98	B2-U2-G2	8190	103	B2-U2-G2	2074	34	B1-U1-G1	
IV	7586	96				B2-U2-G2	8192	103	B2-U2-G2	8621	109	B2-U2-G2	9051	114	B2-U2-G2	2292	38	B1-U1-G1	
IV-FT	6824	86				B1-U2-G2	7367	93	B1-U2-G2	7754	98	B1-U2-G2	8140	103	B2-U2-G2	2061	34	B1-U1-G1	
VSQ-N	7945	100				B3-U2-G1	8580	108	B3-U2-G1	9030	114	B3-U2-G1	9480	120	B3-U2-G1	2400	39	B1-U1-G0	
VSQ-M	7959	100				B3-U2-G2	8591	108	B3-U2-G2	9042	114	B3-U2-G2	9494	120	B3-U2-G2	2405	39	B2-U1-G0	
VSQ-W	7546	95				B3-U2-G2	8145	103	B3-U2-G2	8573	108	B4-U2-G2	9001	114	B4-U2-G2	2279	37	B2-U1-G1	
II-HS	5461	69				B1-U1-G2	5895	74	B1-U2-G2	6204	78	B1-U2-G2	6513	82	B1-U2-G2	1649	27	B0-U1-G0	
II-FR-HS	5430	69				B1-U2-G1	5862	74	B1-U2-G1	6169	78	B1-U2-G1	6476	82	B1-U2-G1	1640	27	B0-U1-G0	
III-M-HS	5632	71				B1-U1-G2	6079	77	B1-U1-G2	6398	81	B1-U1-G2	6718	85	B1-U1-G2	1701	28	B0-U1-G1	
III-W-HS	5464	69				B1-U1-G2	5898	74	B1-U1-G2	6208	78	B1-U1-G2	6517	82	B1-U1-G2	1650	27	B0-U1-G1	
IV-HS	5944	75				B1-U1-G2	6416	81	B1-U1-G2	6753	85	B1-U1-G2	7090	90	B1-U1-G2	1795	29	B0-U1-G1	
IV-FT-HS	5651	71				B1-U1-G2	6100	77	B1-U1-G2	6421	81	B1-U1-G2	6742	85	B1-U1-G2	1707	28	B0-U1-G1	
48	700	105.6				II	9070	86	B2-U2-G2	9794	93	B2-U2-G2	10308	98	B2-U2-G2	10821	102	B2-U2-G2	N/A
			II-FR	8788	83	B2-U2-G1	9487	90	B2-U2-G1	9986	95	B2-U2-G1	10485	99	B2-U3-G1				
			III-M	9356	89	B2-U2-G2	10103	96	B2-U2-G2	10633	101	B2-U2-G2	11163	106	B2-U2-G2				
			III-W	8607	82	B2-U2-G2	9295	88	B2-U2-G2	9782	93	B2-U2-G2	10270	97	B2-U2-G2				
			IV	9512	90	B2-U2-G2	10272	97	B2-U2-G2	10811	102	B2-U2-G2	11349	107	B2-U2-G2				
			IV-FT	8554	81	B2-U2-G2	9238	87	B2-U2-G2	9722	92	B2-U2-G2	10207	97	B2-U2-G2				
			VSQ-N	9961	94	B3-U2-G1	10756	102	B3-U2-G1	11320	107	B3-U2-G1	11884	113	B3-U2-G1				
			VSQ-M	9975	94	B3-U2-G2	10772	102	B4-U2-G2	11337	107	B4-U2-G2	11903	113	B4-U2-G2				
			VSQ-W	9460	90	B4-U2-G2	10214	97	B4-U2-G2	10751	102	B4-U2-G2	11287	107	B4-U2-G2				
			II-HS	6848	65	B1-U2-G2	7394	70	B1-U2-G2	7782	74	B1-U2-G2	8169	77	B1-U2-G2				
			II-FR-HS	6807	64	B1-U2-G1	7351	70	B1-U2-G1	7736	73	B1-U2-G1	8121	77	B1-U2-G1				
			III-M-HS	7063	67	B1-U2-G2	7626	72	B1-U2-G2	8026	76	B1-U2-G2	8426	80	B1-U2-G2				
			III-W-HS	6855	65	B1-U2-G2	7400	70	B1-U2-G2	7788	74	B1-U2-G2	8177	77	B1-U2-G2				
			IV-HS	7455	71	B1-U2-G2	8049	76	B1-U2-G2	8471	80	B1-U2-G2	8893	84	B1-U2-G2				
			IV-FT-HS	7092	67	B1-U2-G2	7656	72	B1-U2-G2	8058	76	B1-U2-G2	8460	80	B1-U2-G2				
			48	875	132.0	II	10904	83	B2-U2-G2	11772	89	B2-U2-G2	12391	94	B2-U2-G2	13009	99	B3-U2-G2	
II-FR	10568	80				B2-U3-G1	11406	86	B2-U3-G1	12008	91	B2-U3-G1	12609	96	B2-U3-G1				
III-M	11248	85				B2-U2-G2	12144	92	B2-U2-G2	12782	97	B2-U2-G2	13420	102	B2-U2-G2				
III-W	10346	78				B2-U2-G2	11171	85	B2-U2-G2	11757	89	B2-U2-G2	12343	94	B2-U2-G2				
IV	11434	87				B2-U2-G2	12346	94	B2-U2-G2	12994	98	B2-U2-G2	13641	103	B2-U2-G2				
IV-FT	10282	78				B2-U2-G2	11102	84	B2-U2-G2	11685	89	B2-U2-G3	12267	93	B2-U2-G3				
VSQ-N	11977	91				B3-U2-G1	12930	98	B3-U2-G1	13610	103	B3-U2-G1	14289	108	B3-U2-G1				
VSQ-M	11989	91				B4-U2-G2	12946	98	B4-U2-G2	13626	103	B4-U2-G2	14305	108	B4-U2-G2				
VSQ-W	11370	86				B4-U2-G2	12276	93	B4-U2-G2	12921	98	B4-U2-G3	13566	103	B4-U2-G3				
II-HS	8229	62				B1-U2-G2	8885	67	B1-U2-G2	9351	71	B1-U2-G2	9818	74	B1-U2-G2				
II-FR-HS	8181	62				B1-U2-G1	8834	67	B1-U2-G1	9297	70	B1-U2-G1	9761	74	B1-U2-G1				
III-M-HS	8488	64				B1-U2-G2	9164	69	B1-U2-G2	9645	73	B1-U2-G2	10126	77	B1-U2-G2				
III-W-HS	8238	62				B1-U2-G2	8893	67	B1-U2-G2	9360	71	B1-U2-G2	9827	74	B1-U2-G2				
IV-HS	8959	68				B1-U2-G2	9672	73	B1-U2-G2	10180	77	B1-U2-G2	10688	81	B1-U2-G2				
IV-FT-HS	8523	65				B1-U2-G2	9201	70	B1-U2-G2	9684	73	B1-U2-G3	10167	77	B1-U2-G3				

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LCZ SERIES - LED

PHOTOMETRIC DATA GUIDE - ISOFOOTCANDLE PLOTS

LCZ-PLED-WA-36LED-700mA-4000K - 16' Height (14' Pole)



LCZ SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES (LCZ-PLD-WA)

LCZ-PLD-WA																			
LED Count	Drive Current (mA)	System Watts	Dist'n Type	27K (2700K - 70CRI)			30K (3000K - 70CRI)			40K (4000K - 70CRI)			50K (5000K - 70CRI)			System Watts	TRA (590nm)		
				LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING		LUMENS	LPW	BUG RATING
20	350	22.0	ASY-N1	1595	73	B1-U3-G2	1722	78	B1-U3-G2	1812	82	B1-U3-G2	1903	86	B1-U3-G2	17.0	590	35	B0-U3-G1
			ASY-N2	1320	60	B0-U3-G2	1425	65	B0-U3-G2	1500	68	B1-U3-G2	1575	72	B1-U3-G2		489	29	B0-U3-G1
			ASY-W1	1733	79	B1-U3-G2	1871	85	B1-U3-G2	1969	90	B1-U3-G2	2067	94	B1-U3-G2		642	38	B0-U3-G1
			ASY-W2	1306	59	B0-U3-G1	1410	64	B1-U3-G2	1484	67	B1-U3-G2	1558	71	B1-U3-G2		484	28	B0-U3-G1
			SYM	1881	85	B1-U3-G2	2030	92	B1-U3-G2	2137	97	B1-U3-G2	2244	102	B1-U3-G2		697	41	B1-U3-G1
20	525	33.0	ASY-N1	2264	69	B1-U3-G2	2444	74	B1-U3-G2	2573	78	B1-U3-G2	2701	82	B1-U3-G2	25.4	684	27	B0-U3-G1
			ASY-N2	1874	57	B1-U3-G2	2024	61	B1-U3-G2	2130	65	B1-U3-G2	2236	68	B1-U3-G2		566	22	B0-U3-G1
			ASY-W1	2460	75	B1-U3-G2	2656	80	B1-U3-G2	2796	85	B1-U3-G2	2936	89	B1-U3-G2		744	29	B0-U3-G1
			ASY-W2	1854	56	B1-U3-G2	2001	61	B1-U3-G2	2107	64	B1-U3-G2	2212	67	B1-U3-G2		560	22	B0-U3-G1
			SYM	2670	81	B1-U3-G2	2882	87	B1-U3-G2	3035	92	B1-U3-G2	3187	97	B2-U3-G2		807	32	B1-U3-G1
20	700	44.0	ASY-N1	2839	65	B1-U3-G3	3064	70	B1-U3-G3	3226	73	B1-U3-G3	3387	77	B1-U3-G3	N/A	N/A		
			ASY-N2	2350	53	B1-U3-G2	2537	58	B1-U3-G3	2670	61	B1-U3-G3	2804	64	B1-U3-G3				
			ASY-W1	3084	70	B1-U3-G2	3329	76	B1-U4-G2	3505	80	B1-U4-G2	3680	84	B1-U4-G3				
			ASY-W2	2324	53	B1-U3-G2	2509	57	B1-U3-G2	2641	60	B1-U3-G2	2773	63	B1-U3-G2				
			SYM	3347	76	B2-U3-G2	3613	82	B2-U4-G2	3804	86	B2-U4-G2	3995	91	B2-U4-G2				
20	875	55.0	ASY-N1	3413	62	B1-U3-G3	3684	67	B1-U4-G3	3878	71	B1-U4-G3	4072	74	B1-U4-G3	N/A	N/A		
			ASY-N2	2826	51	B1-U3-G3	3050	55	B1-U3-G3	3210	58	B1-U3-G3	3371	61	B1-U3-G3				
			ASY-W1	3708	67	B1-U4-G3	4003	73	B1-U4-G3	4214	77	B1-U4-G3	4425	80	B1-U4-G3				
			ASY-W2	2794	51	B1-U3-G2	3017	55	B1-U3-G2	3175	58	B1-U3-G3	3334	61	B1-U3-G3				
			SYM	4025	73	B2-U4-G2	4345	79	B2-U4-G3	4574	83	B2-U4-G3	4802	87	B2-U4-G3				
36	350	39.6	ASY-N1	2870	72	B1-U3-G3	3098	78	B1-U3-G3	3262	82	B1-U3-G3	3425	86	B1-U3-G3	30.5	1063	35	B0-U3-G1
			ASY-N2	2376	60	B1-U3-G2	2565	65	B1-U3-G3	2700	68	B1-U3-G3	2835	72	B1-U3-G3		880	29	B0-U3-G1
			ASY-W1	3119	79	B1-U3-G2	3367	85	B1-U4-G2	3545	90	B1-U4-G2	3722	94	B1-U4-G3		1156	38	B1-U3-G1
			ASY-W2	2350	59	B1-U3-G2	2537	64	B1-U3-G2	2671	67	B1-U3-G2	2804	71	B1-U3-G2		871	29	B0-U3-G1
			SYM	3385	85	B2-U3-G2	3654	92	B2-U4-G2	3847	97	B2-U4-G2	4039	102	B2-U4-G2		1254	41	B1-U3-G1
36	525	59.4	ASY-N1	4076	69	B1-U4-G3	4400	74	B1-U4-G3	4631	78	B1-U4-G3	4863	82	B1-U4-G3	45.7	1232	27	B0-U3-G1
			ASY-N2	3374	57	B1-U3-G3	3642	61	B1-U3-G3	3834	65	B1-U4-G3	4026	68	B1-U4-G3		1020	22	B0-U3-G1
			ASY-W1	4429	75	B1-U4-G3	4781	80	B2-U4-G3	5033	85	B2-U4-G3	5284	89	B2-U4-G3		1339	29	B1-U3-G1
			ASY-W2	3337	56	B1-U3-G3	3603	61	B1-U4-G3	3792	64	B1-U4-G3	3982	67	B1-U4-G3		1009	22	B0-U3-G1
			SYM	4807	81	B2-U4-G3	5189	87	B2-U4-G3	5462	92	B2-U4-G3	5735	97	B2-U4-G3		1453	32	B1-U3-G1
36	700	79.2	ASY-N1	5109	65	B1-U4-G3	5515	70	B1-U4-G3	5806	73	B2-U4-G3	6096	77	B2-U4-G3	N/A	N/A		
			ASY-N2	4229	53	B1-U4-G3	4565	58	B1-U4-G3	4806	61	B1-U4-G3	5046	64	B1-U4-G3				
			ASY-W1	5552	70	B2-U4-G3	5993	76	B2-U4-G3	6309	80	B2-U4-G3	6624	84	B2-U5-G3				
			ASY-W2	4184	53	B1-U4-G3	4516	57	B1-U4-G3	4754	60	B1-U4-G3	4992	63	B1-U4-G3				
			SYM	6026	76	B2-U4-G3	6505	82	B3-U4-G3	6847	86	B3-U4-G3	7189	91	B3-U5-G3				
36	875	99.0	ASY-N1	6142	62	B2-U4-G3	6631	67	B2-U4-G4	6980	71	B2-U4-G4	7329	74	B2-U5-G4	N/A	N/A		
			ASY-N2	5085	51	B1-U4-G3	5489	55	B1-U4-G3	5779	58	B1-U4-G4	6067	61	B1-U4-G4				
			ASY-W1	6675	67	B2-U5-G3	7206	73	B2-U5-G3	7585	77	B2-U5-G3	7964	80	B2-U5-G4				
			ASY-W2	5030	51	B1-U4-G3	5430	55	B1-U4-G3	5716	58	B1-U4-G3	6002	61	B1-U4-G3				
			SYM	7244	73	B3-U5-G3	7820	79	B3-U5-G3	8232	83	B3-U5-G3	8643	87	B3-U5-G3				
48	350	52.8	ASY-N1	3827	72	B1-U4-G3	4132	78	B1-U4-G3	4349	82	B1-U4-G3	4566	86	B1-U4-G3	40.7	1418	35	B1-U3-G2
			ASY-N2	3169	60	B1-U3-G3	3420	65	B1-U3-G3	3600	68	B1-U3-G3	3780	72	B1-U4-G3		1174	29	B0-U3-G2
			ASY-W1	4159	79	B1-U4-G3	4490	85	B1-U4-G3	4726	90	B2-U4-G3	4963	94	B2-U4-G3		1541	38	B1-U3-G1
			ASY-W2	3134	59	B1-U3-G3	3383	64	B1-U4-G3	3561	67	B1-U4-G3	3739	71	B1-U4-G3		1161	29	B0-U3-G1
			SYM	4514	85	B2-U4-G3	4873	92	B2-U4-G3	5130	97	B2-U4-G3	5386	102	B2-U4-G3		1672	41	B1-U3-G1
48	525	79.2	ASY-N1	5434	69	B1-U4-G3	5867	74	B2-U4-G3	6175	78	B2-U4-G3	6484	82	B2-U4-G4	61.0	1643	27	B1-U3-G2
			ASY-N2	4499	57	B1-U4-G3	4856	61	B1-U4-G3	5112	65	B1-U4-G3	5368	68	B1-U4-G3		1360	22	B0-U3-G2
			ASY-W1	5906	75	B2-U4-G3	6375	80	B2-U4-G3	6711	85	B2-U5-G3	7047	89	B2-U5-G3		1785	29	B1-U3-G2
			ASY-W2	4450	56	B1-U4-G3	4804	61	B1-U4-G3	5057	64	B1-U4-G3	5310	67	B1-U4-G3		1345	22	B1-U3-G1
			SYM	6409	81	B3-U4-G3	6919	87	B3-U4-G3	7283	92	B3-U5-G3	7647	97	B3-U5-G3		1937	32	B1-U3-G2
48	700	105.6	ASY-N1	6812	65	B2-U4-G4	7354	70	B2-U5-G4	7741	73	B2-U5-G4	8128	77	B2-U5-G4	N/A	N/A		
			ASY-N2	5640	53	B1-U4-G4	6088	58	B1-U4-G4	6409	61	B1-U4-G4	6729	64	B2-U4-G4				
			ASY-W1	7402	70	B2-U5-G3	7991	76	B2-U5-G4	8412	80	B2-U5-G4	8833	84	B2-U5-G4				
			ASY-W2	5578	53	B1-U4-G3	6022	57	B1-U4-G3	6339	60	B2-U4-G3	6656	63	B2-U4-G3				
			SYM	8034	76	B3-U5-G3	8673	82	B3-U5-G3	9130	86	B3-U5-G4	9587	91	B3-U5-G4				
48	875	132.0	ASY-N1	8190	62	B2-U5-G4	8841	67	B2-U5-G4	9307	71	B2-U5-G5	9772	74	B2-U5-G5	N/A	N/A		
			ASY-N2	6780	51	B2-U4-G4	7320	55	B2-U4-G4	7705	58	B2-U5-G4	8091	61	B2-U5-G4				
			ASY-W1	8900	67	B2-U5-G4	9608	73	B3-U5-G4	10114	77	B3-U5-G4	10620	80	B3-U5-G4				
			ASY-W2	6707	51	B2-U5-G3	7240	55	B2-U5-G4	7622	58	B2-U5-G4	8003	61	B2-U5-G4				
			SYM	9658	73	B3-U5-G4	10427	79	B3-U5-G4	10976	83	B3-U5-G4	11525	87	B3-U5-G4				

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