HOLOPHANE®
LEADER IN LIGHTING SOLUTIONS

Catalog Number	
Notes	Type

LEDGEND2

LED Roadway Lighting

BAA

General Construction
- Rugged die cast aluminum housing, low copper aluminum, allow for corrosion resistance and long life.
- Horizontal arm mount with +/-6 degrees vertical adjustment. Four bolt mast arm provides easy, secure installation and adjustability for arms 1-1/4 & 2 inch pipe (1.625" & 2.38" O.D.) Trigger latch disengages for easy access to four bolt mounting, terminal block, surge protection module, LED drivers, and electronic transfer switch.
- Unique, clean aesthetic lines and ease of maintenance are achieved by incorporating a unique internal heat sink assembly, while still providing robust thermal management and ensuring a minimum of 100,000 hours L70 at 25C operating ambient.

Environmental
- Luminaire design and tested to comply with ANSI C136:31 2018 for 100,000 cycles at 3G acceleration for normal road and bridge applications.
- Sealed LED light engines meet dust and moisture rating of IP-66 per IEC 60068-2-3 1987 ensures long component life and protection from the environment.
- The luminaire is finished with polyester paint applied after a pretreatment process to ensure maximum durability. The finish shall pass the 5000 hour salt fog test per ASTM B117 and D1654 standard.

Regulatory
- The luminaire is safety listed to CSA-C22.2 number 250, wet location. See chart below for model rating based on drive current and led combination.
- The luminaire is ROHS compliant. Luminaire meets EMI compliance per FCC Title 47 CFR Part 15, Class A.

Electrical
- Standard surge protection offered is ANSI C136.2 compliant and 20kV/10kA rated. The surge protection module (SPD) protects all downstream electronics such as led drivers, transfer switch, and relays for the purpose of protecting from electrical disturbances such as nearby lightning strikes.
- The photocontrol receptacle is adjustable and is ANSI C136.41 compliant.
- The luminaire conforms to Electromagnetic compatibility tests for Electrostatic Discharge (ESD) per IEC 61000-4-2:2001, Level 4.

Optical
- Environmentally friendly, zero uplight luminaire reduces light pollution. Silicone optics provides minimal dirt depreciation and will not discolor or become brittle over time. The permanence of glass results in less dirt depreciation and more maintained lumens on the intended space. The luminaire is available with Type II, III IV and V distributions designed to maximize pole spacing and reduce energy usage resulting in a lower total cost of ownership. The luminaire is available with LED color temperatures of 2700K, 3000K, 4000K and 5000K. The minimum color rendering index (CRI) is 70. Optional 80CRI option is available.
- Reference www.Holophane.com for individual photometric tests on LEDgend LED luminaire that are tested per LM79 guidelines. Consult factory for LM80 data as that varies per LED chip manufacturer.

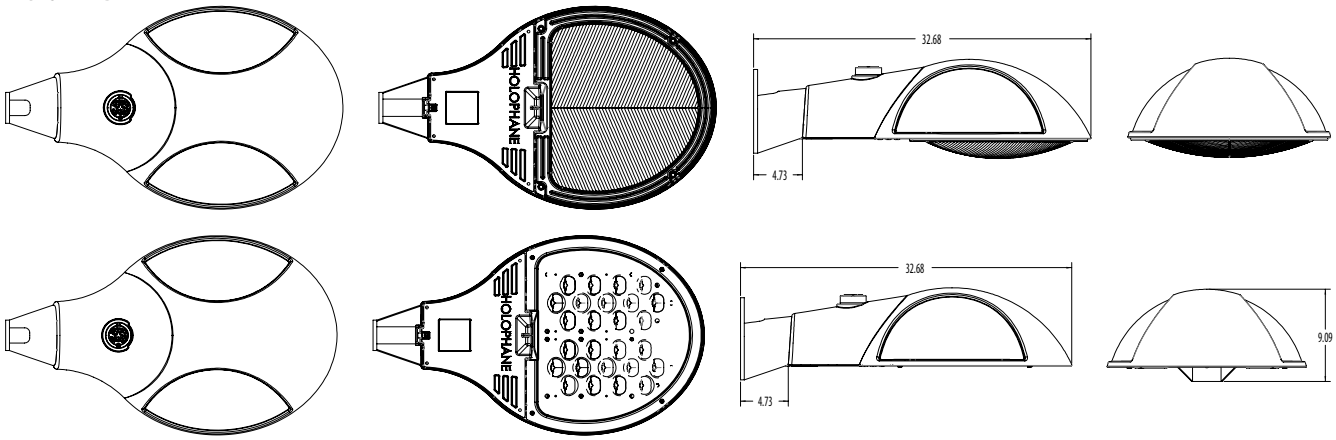
Controls
- Wide range of controls options available. DLL provides basic on/off ANSI C136.10 photo control with proven long-life LED performance. DTL Connect provides the same robustness as DLL but with the addition of Bluetooth remote on/off control. nLightAIR rSDGR control is also available to provide robust outdoor motion detection and response at up to 40' mounting heights.
- Luminaire-level lighting control (LLLC) is offered with the RSDGR option. The RSDGR provides programmable continuous dimming function based on motion sensing as wells as optional wireless group control. When a 0-10V or DALI dimming compatible photocontrol is connected via PR7 receptacle option, external dimming control is also possible.

Buy American Act
This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to www.acuitybrands.com/resources/buy-american for additional information.

Warranty
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.
All values are design or typical values, measured under laboratory conditions at 25 °C.

DIMENSIONAL DATA



EPA and weight for basic configuration: 0.62 and 30lbs
EPA and weight for w/glass and deco arm: 0.88 and 41lbs.

ORDERING INFORMATION

Example: LEDG2 P2 40K MVOLT L3G BZSD PR7 PCLL MISC

Series	LED performance package	Color temperature	Voltage	Driver
LEDG2	P1 10,000 Lumens P2 14,000 Lumens P3 18,000 Lumens P4 22,000 Lumens P5 26,000 Lumens P6 30,000 Lumens P7 34,000 Lumens	27K 2700K CCT 30K 3000K CCT 40K 4000K CCT 50K 5000K CCT	MVOLT Multiple voltage (120V - 277V) 347 347V 480 480V	STD 0-10V dimmable standard driver DALI2 DALI SR driver

Distribution	Mount	Color	Options	Accessories (factory installed)
L2 Type II, MEDIUM ASYMMETRIC L2G Type II, MEDIUM ASYMMETRIC, with drop refractor [1] L3 Type III, WIDE ASYMMETRIC L3G Type III, WIDE ASYMMETRIC, with drop refractor [1] L4 Type IV, FORWARD THROW L4G Type IV, FORWARD THROW, with drop refractor [1] L5 Type V, MEDIUM L5G Type V, MEDIUM, with drop refractor [1]	MA Configured for 2" horizontal mast arm mount UNS Universal decorative arm for square pole UNR Universal decorative arm and round pole adapter	GRSD VITRACOAT SDCR GRAY GHSD VITRACOAT SDCR GRAPHITE BKSD VITRACOAT SDCR BLACK GNSD VITRACOAT SDCR GREEN WHSD VITRACOAT SDCR WHITE BZSD VITRACOAT SDCR BRONZE	NL NEMA LABEL PR7 7 PIN NEMA PHOTOCONTROL RECEPTACLE NPR No Control Receptacle PCLL DTL DLL PHOTOCONTROL PCNN DTL DLL CONNECT PHOTOCONTROL SH SHORTING CAP RSDGR nLightAIR 20-40' AO Field adjustable output FHSS Factory installed house side shield MISC Mex	FHSS Factory installed house side shield

Accessories: *Order as separate catalog number.*	
LEDG2 HSS	House Side Shield
LEDG2 LTSS	Light trespass Shield side
LEDG2 LTSF	Light trespass Shield front

Notes
1 Drop refractor option rated for 2G vibration.

PERFORMANCE DATA

Performance Package	Distribution	Input Watts	2700K		3000K		4000K		5000K		LLD @ 25°C		
			Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	50k Hours	75k Hours	100k Hours
P1	Type 2	66	9,530	144	9,747	148	10,027	152	10,151	154	0.9707	0.9665	0.9623
	Type 2G		8,589	130	8,785	133	9,037	137	9,149	139			
	Type 3		9,523	144	9,740	148	10,019	152	10,143	154			
	Type 3G		8,502	129	8,696	132	8,945	136	9,056	137			
	Type 4		9,601	145	9,820	149	10,102	153	10,227	155			
	Type 4G		8,643	131	8,840	134	9,093	138	9,206	139			
	Type 5		10,415	158	10,653	161	10,958	166	11,094	168			
	Type 5G		9,306	141	9,518	144	9,791	148	9,912	150			
P2	Type 2	80	11,663	146	11,929	149	12,271	153	12,422	155	0.9707	0.9665	0.9623
	Type 2G		10,511	131	10,751	134	11,059	138	11,196	140			
	Type 3		11,654	146	11,919	149	12,261	153	12,413	155			
	Type 3G		10,405	130	10,642	133	10,947	137	11,083	139			
	Type 4		11,750	147	12,018	150	12,362	155	12,515	156			
	Type 4G		10,577	132	10,818	135	11,128	139	11,266	141			
	Type 5		12,746	159	13,037	162	13,410	167	13,577	169			
	Type 5G		11,388	142	11,648	145	11,982	149	12,131	151			
P3	Type 2	110	15,955	145	16,319	148	16,787	153	16,995	155	0.9715	0.967	0.9625
	Type 2G		14,380	131	14,708	134	15,130	138	15,317	139			
	Type 3		15,943	145	16,307	148	16,774	152	16,982	154			
	Type 3G		14,235	129	14,559	132	14,977	136	15,162	138			
	Type 4		16,075	146	16,441	149	16,912	154	17,122	156			
	Type 4G		14,470	132	14,800	135	15,224	138	15,413	140			
	Type 5		17,438	159	17,836	162	18,347	167	18,574	169			
	Type 5G		15,581	142	15,936	145	16,393	149	16,596	151			
P4	Type 2	141	20,220	143	20,681	147	21,274	151	21,537	153	0.9681	0.9619	0.9557
	Type 2G		18,224	129	18,639	132	19,173	136	19,411	138			
	Type 3		20,204	143	20,665	147	21,257	151	21,520	153			
	Type 3G		18,039	128	18,451	131	18,979	135	19,214	136			
	Type 4		20,371	144	20,835	148	21,432	152	21,698	154			
	Type 4G		18,337	130	18,756	133	19,293	137	19,532	139			
	Type 5		22,098	156	22,602	160	23,250	165	23,538	167			
	Type 5G		19,745	140	20,195	143	20,774	147	21,031	149			
P5	Type 2	172	24,244	141	24,797	144	25,508	148	25,824	150	0.9637	0.9554	0.9471
	Type 2G		21,851	127	22,349	130	22,990	134	23,274	135			
	Type 3		24,225	141	24,778	144	25,488	148	25,804	150			
	Type 3G		21,630	126	22,123	129	22,757	132	23,039	134			
	Type 4		24,425	142	24,982	145	25,698	149	26,016	151			
	Type 4G		21,987	128	22,489	131	23,133	134	23,420	136			
	Type 5		26,497	154	27,101	158	27,878	162	28,223	164			
	Type 5G		23,675	138	25,215	141	24,909	145	25,217	147			
P6	Type 2	195	26,977	138	27,592	141	28,383	146	28,735	147	0.9606	0.9507	0.9409
	Type 2G		24,314	125	24,868	128	25,581	131	25,898	133			
	Type 3		26,956	138	27,571	141	28,361	145	28,712	147			
	Type 3G		24,068	123	24,617	126	25,322	130	25,636	131			
	Type 4		27,178	139	27,798	143	28,595	147	28,949	148			
	Type 4G		24,466	125	25,024	128	25,741	132	26,060	134			
	Type 5		29,484	151	30,156	155	31,020	159	31,404	161			
	Type 5G		26,343	135	26,944	138	27,716	142	28,060	144			
P7	Type 2	232	30,930	133	31,636	136	32,542	140	32,945	142	0.9496	0.9339	0.9184
	Type 2G		27,877	120	28,513	123	29,330	126	29,693	128			
	Type 3		30,906	133	31,611	136	32,517	140	32,920	142			
	Type 3G		27,595	119	28,224	122	29,033	125	29,392	127			
	Type 4		31,161	134	31,872	137	32,785	141	33,191	143			
	Type 4G		28,051	121	28,691	124	29,513	127	29,878	129			
	Type 5		33,804	145	34,575	149	35,566	153	36,006	155			
	Type 5G		30,204	130	30,892	133	31,778	137	32,171	138			

ELECTRICAL LOAD

Performance Packages	Watts	Current (A)					
		120V	208V	240V	277V	347V	480V
P1	66	0.550	0.317	0.275	0.238	0.190	0.138
P2	80	0.667	0.385	0.333	0.289	0.231	0.167
P3	110	0.917	0.529	0.458	0.397	0.317	0.229
P4	141	1.175	0.678	0.588	0.509	0.406	0.294
P5	172	1.433	0.827	0.717	0.621	0.496	0.358
P6	195	1.625	0.938	0.813	0.704	0.562	0.406
P7	232	1.933	1.115	0.967	0.838	0.669	0.483

OPTIONS MATRIX

LEDG2		LED Packages							Voltage			Driver		Options							
		P1	P2	P3	P4	P5	P6	P7	MVOLT	347	480	STD	DALI2	NL	NPR	PR7	PCLL	PCNN	SH	RSDGR	AO
LED Packages	P1								Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	P2								Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	P3								Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	P4								Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	P5								Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	P6								Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	P7								Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Voltage	MVOLT	Y	Y	Y	Y	Y	Y	Y				Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	347	Y	Y	Y	Y	Y	Y	Y				Y	N	Y	Y	Y	Y	Y	Y	Y	Y
	480	Y	Y	Y	Y	Y	Y	Y				Y	N	Y	Y	Y	Y	Y	Y	Y	Y
Driver	STD	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y	Y
	DALI2	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y		Y	Y	Y	Y	Y	Y	Y	Y
Options	NL	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	N	Y
	NPR	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		N	N	N	N	Y	Y
	PR7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N		Y	Y	Y	N	Y
	PCLL	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y		N	N	N	Y
	PCNN	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N		N	N	Y
	SH	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	N		N	Y
	RSDGR	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	N	N	N		N
	AO	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	