Decorative Outdoor

Teardrop

TXF9 Pendant



Hadco's Teardrop LED pendant seamlessly replaces HID technology while maintaining that traditional "teardrop" look. The Teardrop uses latest LED technology which maximizes energy savings and lowered maintenance cost to reduce your total cost of ownership. By combining modern LED technology and traditional design, the Teardrop LED luminaires are perfectly suited for several applications including residential streets, city streets, campuses, parking lots and retail centers.

Project:

Location:

Cat.No:

Type:

Lamps: Qty:

Notes:

Ordering guide

Example: TXF9-48-G3-N-A-GF-2-740-A-5-DA-SP1

Series	LEDs	Gen.	Mountings	Finishes	Lenses	Optics
TXF9		**G3**				
TXF9 Teardrop LED pendant	**32** 32 **48** 48 **64** 64 **80**[1] 80	**G3** Gen 3	**N** Cast Neck **P** Threaded Pipe	**A** Black **B** White **G** Verde **H** Bronze **J** Green	**GF**[3] Flat Glass **KL** Acrylic Long Globe **KS** Acrylic Short Globe	**2** Type II **2H** Type 2HSS **3** Type III **3H** Type 3 HSS **3W** Type 3 Wide **3WH** Type 3 wide HSS **4** Type IV **5** Type V

7-pin receptacle available with Mounting Arms (see that section in spec sheet).

Color Temperature	Voltages	Drive Current	Integral Control Options (only pick one) (0-10V dimming driver standard)	Surge protection
730[3] 70 CRI, 3000K **740** 70CRI, 4000K	**A** 120-277 VAC **B**[2] 347-480 VAC	**3** 350mA **5** 530 mA **7** 700mA **1**[1] 1050mA	**DA** 4 hrs 25% reduction **DB** 4 hrs 50% reduction **DC** 4 hrs 75% reduction **DD** 6 hrs 25% reduction **DE** 6 hrs 50% reduction **DF** 6 hrs 75% reduction **DG** 8 hrs 25% reduction **DH** 8 hrs 50% reduction **DJ** 8 hrs 75% reduction **DALI**[5,6] DALI (default: logarithmic) **S**[4] FAWS Field Adjustable Wattage Selector **SRD**[5,6] Sensor ready driver (standard configuration) **SRD1**[5,6] Sensor ready driver (alternate configuration) **N** No dimming	**SP1** 10kV/5kA **SP2** 20kV/20kA

1. Configurations with 80 (80) LED array board are not compatible with the 1050mA (1) drive current.
2. Configurations with 347-480VAC (B) voltage are not compatible with optional dimming or optional programming.
3. Only 3000K CCT and warmer/below with GF Flat Glass are IDA International DarkSky Approved.
4. **S** FAWS position 10 is open for receptacle control, must use one or the other but not BOTH. Position 10 does NOT reduce lumens or wattage.
5. This option requires more information contact factory.
6. Only available with A 120-277VAC.

Connected lighting

Interact City connector node provides the plug and play wireless communications technology to connect your street light to the Interact City lighting management system.



Ordering Code	Accessory Description
LLC	Interact City cellular technology connector node

Contact the factory for additional support when connected lighting or additional services are desired.

Note: 7-pin receptacle on mounting arm

TXF9 Teardrop

Pendant

LED Wattage and Lumen Values for 3000K & 4000K fixtures with Flat Glass Lens

Ordering Code	LED qty	System Current (mA)	Avg. System Watts (W)	Type 2			Type 3			Type 3W			Type 4			Type 5		
				Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
Flat Glass Lens (GF) @ 3000K																		
TXF932-G3-GF-x-730-3	32	350	36	4604	B1-U0-G1	129	4467	B1-U0-G1	125	4487	B1-U0-G1	126	4533	B1-U0-G1	127	4474	B3-U0-G1	126
TXF932-G3-GF-x-730-5	32	530	53	6687	B2-U0-G1	125	6488	B1-U0-G1	122	6517	B1-U0-G2	122	6583	B1-U0-G2	124	6499	B3-U0-G1	122
TXF932-G3-GF-x-730-7	32	700	71	8528	B2-U0-G1	120	8275	B2-U0-G2	117	8312	B2-U0-G2	117	8397	B2-U0-G2	118	8289	B3-U0-G2	117
TXF932-G3-GF-x-730-1	32	1050	107	11620	B3-U0-G2	108	11275	B2-U0-G2	105	11326	B2-U0-G2	106	11441	B2-U0-G2	107	11294	B4-U0-G2	105
TXF948-G3-GF-x-730-3	48	350	53	7089	B2-U0-G1	133	6878	B1-U0-G1	129	6909	B1-U0-G2	130	6979	B1-U0-G2	131	6889	B3-U0-G1	129
TXF948-G3-GF-x-730-5	48	530	79	10035	B2-U0-G2	127	9737	B2-U0-G2	123	9781	B2-U0-G2	124	9880	B2-U0-G2	125	9753	B3-U0-G2	123
TXF948-G3-GF-x-730-7	48	700	106	12681	B3-U0-G2	120	12304	B2-U0-G2	117	12360	B2-U0-G2	117	12485	B2-U0-G2	118	12324	B4-U0-G2	117
TXF964-G3-GF-x-730-3	64	350	70	9317	B2-U0-G2	134	9040	B2-U0-G2	130	9081	B2-U0-G2	130	9173	B2-U0-G2	132	9055	B3-U0-G2	130
TXF964-G3-GF-x-730-5	64	530	104	13193	B3-U0-G2	127	12801	B2-U0-G2	123	12859	B2-U0-G2	124	12989	B2-U0-G2	125	12822	B4-U0-G2	123
TXF964-G3-GF-x-730-7	64	700	140	16704	B3-U0-G2	120	16208	B3-U0-G2	116	16281	B2-U0-G3	117	16446	B3-U0-G3	118	16235	B4-U0-G2	116
TXF980-G3-GF-x-730-3	80	350	86	11523	B3-U0-G2	134	11181	B2-U0-G2	130	11232	B2-U0-G2	131	11345	B2-U0-G2	132	11199	B4-U0-G2	130
TXF980-G3-GF-x-730-5	80	530	130	16516	B3-U0-G2	127	16026	B3-U0-G2	123	16098	B2-U0-G3	123	16261	B3-U0-G2	125	16052	B4-U0-G2	123
TXF980-G3-GF-x-730-7	80	700	173	20590	B3-U0-G3	119	19979	B3-U0-G2	115	20069	B3-U0-G3	116	20272	B3-U0-G3	117	20012	B5-U0-G3	116
Flat Glass Lens (GF) @ 4000K																		
TXF932-G3-GF-x-740-3	32	350	36	4926	B1-U0-G1	138	4780	B1-U0-G1	134	4802	B1-U0-G1	135	4850	B1-U0-G1	136	4787	B3-U0-G1	134
TXF932-G3-GF-x-740-5	32	530	53	7155	B2-U0-G1	134	6942	B1-U0-G1	130	6973	B1-U0-G2	131	7044	B1-U0-G2	132	6954	B3-U0-G1	130
TXF932-G3-GF-x-740-7	32	700	71	9125	B2-U0-G1	129	8854	B2-U0-G2	125	8894	B2-U0-G2	125	8985	B2-U0-G2	127	8869	B3-U0-G2	125
TXF932-G3-GF-x-740-1	32	1050	107	12433	B3-U0-G2	116	12064	B2-U0-G2	112	12119	B2-U0-G2	113	12242	B2-U0-G2	114	12085	B4-U0-G2	113
TXF948-G3-GF-x-740-3	48	350	53	7585	B2-U0-G1	142	7359	B1-U0-G1	138	7392	B1-U0-G2	139	7468	B1-U0-G2	140	7371	B3-U0-G1	138
TXF948-G3-GF-x-740-5	48	530	79	10737	B2-U0-G2	136	10419	B2-U0-G2	132	10466	B2-U0-G2	132	10572	B2-U0-G2	134	10436	B3-U0-G2	132
TXF948-G3-GF-x-740-7	48	700	106	13569	B3-U0-G2	128	13165	B2-U0-G2	125	13224	B2-U0-G2	125	13359	B2-U0-G2	127	13187	B4-U0-G2	125
TXF964-G3-GF-x-740-3	64	350	70	9969	B2-U0-G2	143	9673	B2-U0-G2	139	9717	B2-U0-G2	139	9815	B2-U0-G2	141	9689	B3-U0-G2	139
TXF964-G3-GF-x-740-5	64	530	104	14117	B3-U0-G2	136	13697	B2-U0-G2	132	13759	B2-U0-G2	132	13898	B2-U0-G2	134	13720	B4-U0-G2	132
TXF964-G3-GF-x-740-7	64	700	140	17873	B3-U0-G2	128	17343	B3-U0-G2	124	17421	B2-U0-G3	125	17597	B3-U0-G3	126	17371	B4-U0-G2	125
TXF980-G3-GF-x-740-3	80	350	86	12330	B3-U0-G2	144	11964	B2-U0-G2	139	12018	B2-U0-G2	140	12139	B2-U0-G2	141	11983	B4-U0-G2	139
TXF980-G3-GF-x-740-5	80	530	130	17672	B3-U0-G2	136	17148	B3-U0-G2	132	17225	B2-U0-G3	132	17399	B3-U0-G2	133	17176	B4-U0-G2	132
TXF980-G3-GF-x-740-7	80	700	173	22031	B3-U0-G3	127	21378	B3-U0-G2	124	21475	B3-U0-G3	124	21691	B3-U0-G3	125	21413	B5-U0-G3	124

LED Wattage and Lumen Values for 3000K & 4000K fixtures with Long Globe Lens

Ordering Code	LED qty	System Current (mA)	Avg. System Watts (W)	Type 2			Type 3			Type 3W			Type 4			Type 5		
				Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
Long Globe Lens (KL) @ 3000K																		
TXF932-G3-KL-x-730-3	32	350	36	4938	B1-U2-G1	139	4890	B1-U2-G1	137	4624	B1-U2-G1	130	4903	B1-U2-G2	138	4813	B3-U2-G1	135
TXF932-G3-KL-x-730-5	32	530	53	7172	B2-U3-G2	135	7103	B2-U3-G2	133	6716	B2-U3-G2	126	7121	B2-U2-G2	134	6992	B3-U2-G2	131
TXF932-G3-KL-x-730-7	32	700	71	9146	B2-U3-G2	129	9059	B2-U3-G2	128	8565	B2-U3-G2	121	9083	B2-U3-G2	128	8917	B4-U2-G2	126
TXF932-G3-KL-x-730-1	32	1050	107	12462	B3-U3-G3	116	12344	B2-U3-G2	115	11671	B2-U3-G3	109	12376	B2-U3-G2	115	12150	B4-U3-G2	113
TXF948-G3-KL-x-730-3	48	350	53	7603	B2-U3-G2	143	7530	B2-U3-G2	141	7119	B2-U3-G2	134	7549	B2-U3-G2	142	7411	B3-U2-G2	139
TXF948-G3-KL-x-730-5	48	530	79	10763	B2-U3-G2	136	10660	B2-U3-G2	135	10079	B2-U3-G2	127	10688	B2-U3-G2	135	10493	B4-U3-G2	133
TXF948-G3-KL-x-730-7	48	700	106	13600	B3-U3-G3	129	13470	B3-U3-G3	128	12737	B3-U3-G3	121	13505	B2-U3-G3	128	13258	B4-U3-G2	126
TXF964-G3-KL-x-730-3	64	350	70	9992	B2-U3-G2	143	9897	B2-U3-G2	142	9358	B2-U3-G2	134	9923	B2-U3-G2	142	9742	B4-U3-G2	140
TXF964-G3-KL-x-730-5	64	530	104	14149	B3-U3-G3	136	14014	B3-U3-G3	135	13251	B3-U3-G3	128	14051	B2-U3-G3	135	13794	B4-U3-G2	133
TXF964-G3-KL-x-730-7	64	700	140	17915	B3-U3-G3	128	17744	B3-U3-G3	127	16777	B3-U3-G3	120	17790	B3-U3-G3	128	17466	B5-U3-G3	125
TXF980-G3-KL-x-730-3	80	350	86	12358	B3-U3-G3	144	12241	B2-U3-G2	143	11574	B2-U3-G3	135	12272	B2-U3-G2	143	12048	B4-U3-G2	140
TXF980-G3-KL-x-730-5	80	530	130	17713	B3-U3-G3	136	17545	B3-U3-G3	135	16588	B3-U3-G4	127	17590	B3-U3-G3	135	17269	B5-U3-G3	132
TXF980-G3-KL-x-730-7	80	700	173	22083	B3-U3-G3	128	21873	B3-U3-G3	126	20680	B3-U3-G3	119	21929	B3-U3-G4	127	21529	B5-U3-G3	124
Long Globe Lens (KL) @ 3000K																		
TXF932-G3-KL-x-740-3	32	350	36	5283	B1-U2-G1	148	5233	B1-U2-G1	147	4948	B1-U2-G1	139	5246	B1-U2-G2	147	5150	B3-U2-G1	145
TXF932-G3-KL-x-740-5	32	530	53	7674	B2-U3-G2	144	7600	B2-U3-G2	143	7185	B2-U3-G2	135	7620	B2-U2-G2	143	7481	B3-U2-G2	140
TXF932-G3-KL-x-740-7	32	700	71	9787	B2-U3-G2	138	9693	B2-U3-G2	137	9165	B2-U3-G2	129	9719	B2-U3-G2	137	9541	B4-U2-G2	135
TXF932-G3-KL-x-740-1	32	1050	107	13334	B3-U3-G3	124	13208	B2-U3-G2	123	12488	B2-U3-G3	116	13243	B2-U3-G2	123	13001	B4-U3-G2	121
TXF948-G3-KL-x-740-3	48	350	53	8135	B2-U3-G2	153	8057	B2-U3-G2	151	7617	B2-U3-G2	143	8078	B2-U3-G2	152	7930	B3-U2-G2	149
TXF948-G3-KL-x-740-5	48	530	79	11515	B2-U3-G2	146	11407	B2-U3-G2	144	10785	B2-U3-G2	136	11436	B2-U3-G2	145	11227	B4-U3-G2	142
TXF948-G3-KL-x-740-7	48	700	106	14553	B3-U3-G3	138	14413	B3-U3-G3	136	13627	B3-U3-G3	129	14451	B2-U3-G3	137	14187	B4-U3-G2	134
TXF964-G3-KL-x-740-3	64	350	70	10692	B2-U3-G2	153	10590	B2-U3-G2	152	10013	B2-U3-G2	144	10617	B2-U3-G2	152	10424	B4-U3-G2	150
TXF964-G3-KL-x-740-5	64	530	104	15140	B3-U3-G3	146	14995	B3-U3-G3	144	14178	B3-U3-G3	136	15034	B2-U3-G3	145	14760	B4-U3-G2	142
TXF964-G3-KL-x-740-7	64	700	140	19169	B3-U3-G3	137	18987	B3-U3-G3	136	17952	B3-U3-G3	129	19035	B3-U3-G3	136	18688	B5-U3-G3	134
TXF980-G3-KL-x-740-3	80	350	86	13224	B3-U3-G3	154	13098	B2-U3-G2	152	12384	B2-U3-G3	144	13131	B2-U3-G2	153	12892	B4-U3-G2	150
TXF980-G3-KL-x-740-5	80	530	130	18953	B3-U3-G3	145	18774	B3-U3-G3	144	17750	B3-U3-G4	136	18821	B3-U3-G3	144	18478	B5-U3-G3	142
TXF980-G3-KL-x-740-7	80	700	173	23628	B3-U3-G3	136	23404	B3-U3-G3	135	22129	B3-U3-G3	128	23464	B3-U3-G4	136	23037	B5-U3-G3	133

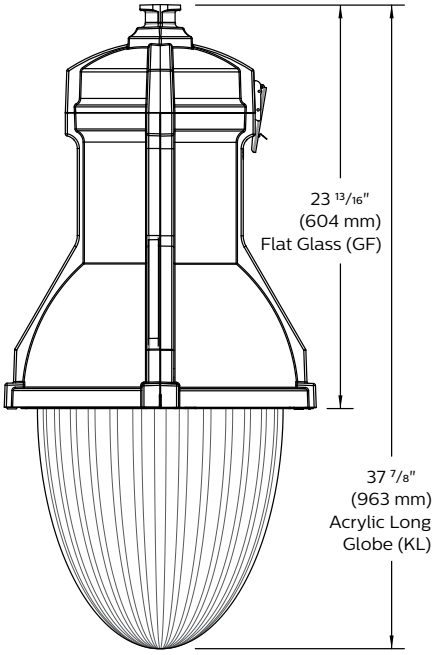
Values from photometric tests performed in accordance with IESNA LM-79 and are representative of the configurations shown. Actual performance may vary due to installation and environmental variables, LED and driver tolerances, and field measurement considerations. It is highly recommended to confirm performance with a photometric layout.

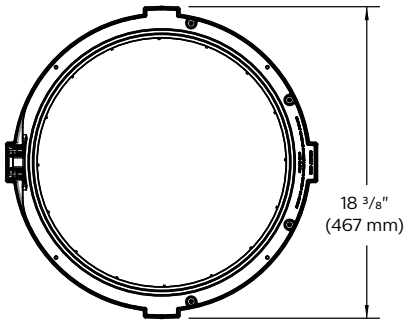
Note: Some data may be scaled based on tests of similar (but not identical) luminaires. Contact factory for configurations not shown.

TXF9 Teardrop

Pendant

Dimensions





Flat glass

Height: 23 13/16" (60cm)
Width: 18 3/8" (47cm)
Max. EPA: 2.00 sq. ft.
Max. Weight: 25 lbs

Acrylic long globe

Height: 37 7/8" (96cm)
Width: 18 3/8" (46cm)
Max. EPA: 2.60 sq. ft.
Max. Weight: 32 lbs

Accessories (ordered separately, field installed)

TF9-FB-f Flat Brim (specify finish)
TF9-RB-f Radial Brim (specify finish)

The "f" in the coding above is a placeholder for the finish - same finishes and choices as luminaire, see Ordering guide on page 1.

Brims are 12 gauge spun 1100-0 aluminum alloy. Attaches to fixture lens ring via (4) thread rolling screws and key slots. Easily installed in the field.

Flat Brim (FB)



Radial Brim (RB)



Predicted Lumen Performance Data

Predicted lumen depreciation data				
Ambient Temperature (°C)	Driver mA	Calculated L_{70} hours	L_{70} per TM-21	Lumen Maintenance % @ 60,000 hours
25°C	up to 700 mA	>100,000 hrs	>60,000 hrs	87%

Predicted performance derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions.L70 is the predicted time when LED performance depreciates to 70% of initial lumen output. Calculated per IESNA TM21-11. Published L70 hours limited to 6 times actual LED test hours.

TXF9 Teardrop

Pendant

Specifications

Housing

The housing is constructed of die cast aluminum, low copper for high resistance to corrosion. All non-ferrous fasteners prevent corrosion and ensure longer life. The Cast neck or Pipe Threading mounting options and Flat Glass or Long Acrylic Lens options provide versatility in your designs.

Tool-less Access

The hinged lens frame is die-cast aluminum alloy, low copper for high resistance to corrosion, with a stainless steel spring latch for tool-less access - lens frame tethered to housing to prevent accidental disengagement and tool-less latch operable with protective gloves per ANSI C136.37.

Integrated Feature Terminal Block

Standard wiring terminal block accepts three (3) 8-18 AWG solid or stranded wires exceeding ANSI C136.32. Label indicating line, neutral and ground available as a custom – contact factory.

Note: Please note this integrated feature always comes standard with all luminaires.

Mounting

Threaded Pipe option (P): 1-1/2-11.5 NPT pipe nipple for mounting to arm.

Cast Neck option (N): for use with 2-piece clamp collar - if new installation or as needed = choose one of the Bracket Arm Adapters or one of the Hanging Fixtures Mounting Arms per below. Unique Top arm mount with clamp collar design and under 50 lbs, both enabling one person installation, rotate luminaire in clamp collar to hold in place (hands-free).

Mounting Arms

Interact ready: 7-pin receptacle on **TFHAM3**, otherwise available with some Mounting Arms per below URLs/hyperlinks as custom - contact factory.

Bracket Arm Adapters

- **TFHAM3** horizontal arm clamp collar adapter



- **TFHAM4** horizontal arm clamp collar adapter



- **TFTC1** vertical threaded arm clamp collar adapter (for internally threaded 3/4-14 NPS mating arm, threaded pipe included)

Hanging Fixtures - Post Mounting Arms
Hanging Fixtures - Hub Mounting Arms
Hanging Fixtures - Wall Mounting Arms

Light Engine

Composed of 4 main components: LED Module / Heat Sink / Optical System / Driver. Electrical components are RoHS compliant, IP66 sealed light engine. LEDs tested by ISO 17025-2005 accredited lab in accordance with IESNA LM-80 guidelines, extrapolations in accordance with IESNA TM-21. Metal core board ensures greater heat transfer and longer lifespan.

LED Module

Composed of high-performance white LEDs. Color temperature as per ANSI/NEMA bin Neutral White, 4000 Kelvin nominal (3985K +/- 275K or 3710K to 4260K) or Warm White, 3000 Kelvin nominal (3045K +/- 175K or 2870K to 3220K), CRI 70 Min.

Heat Sink

Made of cast aluminum optimizing the LEDs efficiency and life. Heat sinks optimized for maximum natural convection heat transfer, does not use any cooling device with moving parts (passive cooling only).

Optical System

Composed of high performance UV stabilized optical grade polymer refractor lenses to achieve desired distribution optimized to get maximum spacing, target lumens and a superior lighting uniformity. Optical system is rated IP66. Performance shall be tested per LM 63, LM 79 and TM 15 (IESNA) certifying its photometric performance. Street side indicated.

Driver

Driver comes standard with dimming compatible 0-10V. High power factor of 95%. Electronic driver, operating range 50/60 Hz. Auto adjusting universal voltage input from 120 to 277 VAC or 347 to 480 VAC rated for both application line to line or line to neutral, Class I, THD of 20% max. Driver operating ambient temperature range is -40F (-40C) to +130F (+55C). Certified in compliance to UL1310 or UL8750 cULus requirement (dry and damp location). Assembled on a unitized removable tray with Tyco quick disconnect plug resisting to 221°F (105°C). The current supplying the LEDs will be reduced by the driver if the driver experiences internal overheating as a protection to the LEDs and the electrical components. Output is protected from short circuits, voltage overload and current overload. Automatic recovery after correction. Standard built in driver surge protection of 2.5kV or 6kV (min). Due to the inrush current that occurs with electronic drivers, recommend using a time-delay or slow blow fuse to avoid unwanted fuse blowing (false tripping) that can occur with normal or fast acting fuses. Driver enables setting LED drive current to meet your specific total wattage consumption, lumen output and/or efficacy needs - a custom, contact factory.

Integral Controls Options

SRD: Sensor Ready Driver including SR communication (used for dimming and other functionalities), 24V auxiliary supply and a logical signal input (LSI) connected to the top NEMA twist lock receptacle.

SRD1: Sensor Ready Driver including SR communication (used for dimming and other functionalities) but with 24V auxiliary supply and a logical signal input (LSI) not connected to the top NEMA twist lock.

DA: 4 Hrs 25% Reduction
DB: 4 Hrs 50% Reduction
DC: 4 Hrs 75% Reduction
DD: 6 Hrs 25% Reduction
DE: 6 Hrs 50% Reduction
DF: 6 Hrs 75% Reduction
DG: 8 Hrs 25% Reduction
DH: 8 Hrs 50% Reduction
DJ: 8 Hrs 75% Reduction

DALI: Pre-set driver compatible with the DALI logarithmic control system.

FAWS

Field Adjustable Wattage Selector, pre set to the highest position, can be easily switched in the field to the required position. This reduces total luminaire wattage consumption and reduces the light level – see the FAWS multiplier chart for more details.

Note: It is not recommended to use FAWS with other dimming or controls; if you do, set the switch to position 10 (maximum output) to enable the other dimming or controls. Switching FAWS to any position other than 10 will disable the other dimming or controls.

TXF9 Teardrop

Pendant

Specifications (continued)

FAWS Position	Typical Delivered Lumens Multiplier	Typical System Wattage Multiplier	FAWS Position	Typical Delivered Lumens Multiplier	Typical System Wattage Multiplier
1	0.286	0.273	6	0.803	0.812
2	0.515	0.487	7	0.834	0.878
3	0.605	0.574	8	0.933	0.924
4	0.725	0.695	9	0.982	0.980
5	0.771	0.741	10	1.000	1.000

Note: Typical value accuracy +/- 5%

Surge Protection Options

SP1: Fail-On surge protection device tested in accordance with ANSI/IEEE C62.45 per ANSI/IEEE C62.41.2 Scenario I Category C High Exposure 10kV/10kA waveforms for Line Ground, Line Neutral and Neutral Ground, and in accordance with U.S. DOE (Department of Energy) MSSLC (Municipal Solid State Street Lighting Consortium) model specification for LED roadway luminaires electrical immunity requirements for High Test Level 10kV / 10kA.

SP2: Fail-On 20kV/10kA surge protection device that provides extra protection beyond the SP1 10kV/10kA level.

Finish

Color in accordance with the AAMA 2603 standard. Application of polyester powder coat paint (4 mils/100 microns) with ± 1 mils / 24 microns of tolerance. The Thermosetting resins provides a discoloration resistant finish in accordance with the ASTM D2244 standard, as well as luster retention in keeping with the ASTM D523 standard and humidity proof in accordance with the ASTM D2247 standard. The surface treatment achieves a minimum of 2000 hours for salt spray resistant finish in accordance with testing performed and per ASTM B117 standard. G Verde finish is professionally applied by our artisans on top of base A Black finish creating a vintage, authentically antiqued, gracefully weathered finish.

Other finish colors, RAL colors, marine finishes or coastal finishes available as a custom - contact factory.

Luminaire Useful Life

Refer to IES files for energy consumption and delivered lumens for each option. Based on ISTMT in situ thermal testing in accordance with UL1598 and UL8750, using LM-80 data from LED manufacturers and engineering prediction methods, the luminaire useful life is expected to reach 100,000+ hours with >L70 lumen maintenance @ 25°C. (48 LED and 64 LED@700mA is 82,000) Luminaire useful life accounts for LED lumen maintenance and all of these additional factors including: LED color shift, LED life, driver life, PCB substrate, solder joints, on/off cycles, burning hours and corrosion. Lifetime statements do not include the use of controls, including networked controllers.

LED products manufacturing standard

The electronic components sensitive to electrostatic discharge (ESD) such as light emitting diodes (LEDs) are assembled in compliance with IEC61340 5 1 and ANSI/ESD S20.20 standards so as to eliminate ESD events that could decrease the useful life of the product

Vibration Resistance

Threaded Pipe option - Meets the ANSI C136.31-2001 specifications for Normal applications, tested by a certified lab over 100,000 cycles in all three axes.

Certifications and Compliance

cETLus Listed for Canada and U.S. to the UL 1598 and UL8750 standards, suitable for Wet Locations. The quality systems of the facility where manufactured have been registered by UL to the ISO 9001 series standards. LM80 & LM79 tested. CCTs 3000K and warmer with GF Flat Glass are Dark Sky Approved. Luminaire complies with or exceeds the following ANSI C136 standards: .2, .3, .4, .15, .22, .25, .31, .37, .53.

IP Ratings

The LED optics chamber is IP66 rated.

Warranty

5-year limited warranty. Options available for extended warranties - contact factory. See https://www.genlyte.com/en-us/support/warranties for details and restrictions.

Buy American Act of 1933 (BAA)

This product is manufactured in one of our US factories and, as of the date of this document, this product was considered a commercially available off-the-shelf (COTS) item meeting the requirements of the BAA.

This BAA designation hereunder does not address (i) the applicability of, or availability of a waiver under, the Trade Agreements Act, or (ii) the "Buy America" domestic content requirements imposed on states, localities, and other non-federal entities as a condition of receiving funds administered by the Department of Transportation or other federal agencies. Prior to ordering, please visit https://www.genlyte.com/en-us/resources/programs/domestic-preference to view a current list of BAA-compliant products to confirm this product's current compliance.

Build America, Buy America Act (BABA)

BABA establishes the minimum domestic content requirements that federal agencies must apply. This product is manufactured in the US and has a domestic content of 55% or more. This BABA designation does not address the "Buy America" domestic content requirements, which may be stricter, imposed on states, localities, and other non-federal entities as a condition of receiving funds administered by federal agencies. Please visit https://www.genlyte.com/en-us/resources/programs/domestic-preference.

Prior to ordering, please contact factory to confirm BABA or BABAF compliant configurations (BABAF for projects funded through FHWA must be funded by October 1, 2026), and please submit completed BABA checklist SGn-2452BN-Compliance-Certification-checklist.pdf.

© 2026 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify.

GENLYTE SOLUTIONS
a signify business

Signify North America Corp.
400 Crossing Blvd, Suite 600
Bridgewater, NJ 08807
Telephone: 800-555-0050

Signify Canada Ltd.
281 Hillmount Road,
Markham, ON, Canada L6C 2S3
Telephone: 800-668-9008

All trademarks are owned by Signify Holding or their respective owners.