

Performance | Lumens per foot based on a 4' LED module

3000K Lumen Data

Based upon 65° x 60° Beam

System Watts/Ft	Delivered Lm/Ft	
POWER	92 CRI	98 CRI
5	385	331
6	444	382
7	533	458
8	622	535
9	711	611
10	770	662
11	844	726
12	933	802
13	1007	866
14	1110	955

Lumen Factor

Output Factors	
CCT	Multiplier
1800K	0.70
2000K	0.70
2200K	0.81
2500K	0.86
2700K	0.96
3000K	1.00
3500K	1.05
4000K	1.05
4500K	1.05
5000K	1.05
5700K	1.05
6500K	1.05

Maximum Run Lengths*

System Watts/Ft	Length	
POWER	120 VAC	277 VAC
5	100Ft	100Ft
6	100Ft	100Ft
7	100Ft	100Ft
8	96Ft	100Ft
9	80Ft	100Ft
10	72Ft	100Ft
11	64Ft	100Ft
12	56Ft	100Ft
13	48Ft	100Ft
14	40Ft	100Ft

*Max run of fixtures from a single power cable.



Features & Benefits



IP66 Design
Outdoor-rated



Active Thermal Management
Protects electronics against damage from extreme heat



Rugged Design
Aircraft grade aluminum construction with Mil-spec Anodized finish



Smooth Dimming to 0.1%
5-14 W/ft. 0.1%



Plug & Play
120-277VAC - 12", 18", and 48" LED Modules.



Programmable Outputs
Up to 1,100 lm/ft



► Specification Code Builder

EXAMPLE: G-5W-DC-35K-H-6-V-B-S-FX2

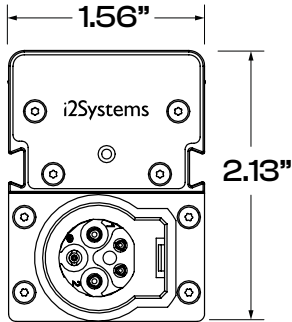
Series	Power	Technology + CCT		Color Quality	Optics	Controls	Finish	Louvers & Shields	Mounting
G									
G Graphite		Lowest Intensity CCT	Highest Intensity CCT						
	05W	Dim to Warm		S - Standard (83)	1 - 10° x 60°	V - 0-10V	B - Black Anodized	G-LVR-XXB-SYM - Symmetrical Louver	AJ1 - Adjustable
	06W	DW - 2000K†	2700K - 2700K†	H - High (92)	3 - 30° x 60°	D - DMX	S - Silver Anodized	G-LVR-XXB-ASYM - Asymmetrical Louver	FX1 - Low Profile Fixed
	07W		3000K - 3000K	R Values on pg 3		6 - 65° x 60°	G-ASYM-SHRD - Asymmetrical Shroud		FX2 - Low Profile Fixed /Spacer
	08W		3500K - 3500K			8 - 82° x 60°	G-PRF-SHLD - Profile Shield		FX3 - Bottom Profile Fixed
	09W	SunsetDim				0 - 120°†		G-DG-XX - Debris Guard	EXT-ARM1-03 - 3" Extension Arm
	10W	SD - 1800K†‡	2700K - 2700K†	See pg 2 for Optics			XX - Indicates Length. Refer to pg 8 for lengths		EXT-ARM1-06 - 6" Extension Arm
	11W		3000K - 3000K						EXT-ARM1-12 - 12" Extension Arm
	12W		3500K - 3500K						Refer to pgs 5 & 6 for additional information
	13W	Dimcandescent							
	14W	DC - 2000K†	2700K - 2700K†						

†120° Optic available in Standard CRI for 20K, 22K, 25K and 27K

‡120° Optic NOT offered for SunsetDim

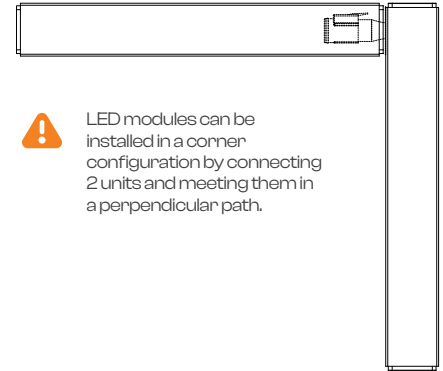


► LED Module - Dimensions



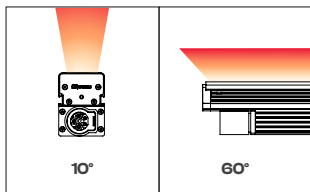
Beam Angles

10° x 60°
30° x 60°
65° x 60°
82° x 60°
120° x 120°

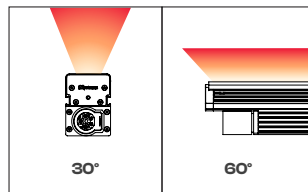


! LED modules can be installed in a corner configuration by connecting 2 units and meeting them in a perpendicular path.

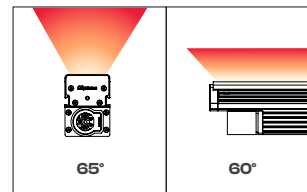
Grazing / Accent Beam



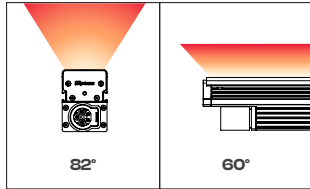
Washing Beam



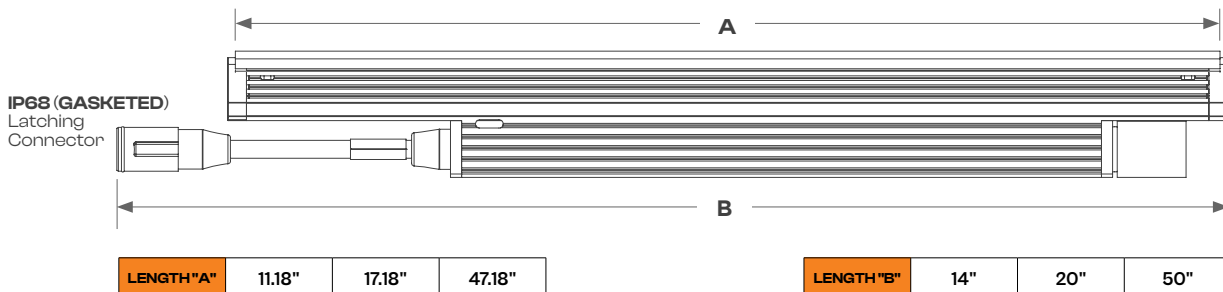
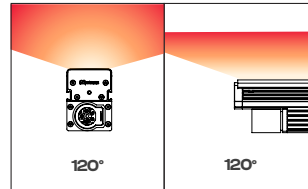
Wide Washing Beam



Wide Beam



General Illumination Beam



► LED Module - Characteristics

ENVIRONMENT:

Ambient operating temperature:
(-20°C) - (+40°C) = (32°F) - (104°F).
0% to 90% humidity, non-condensing

STORAGE TEMPERATURE:

Range: (-20°C) - (+65°C) =
(-4°F) - (149°F)

WEIGHT:

12" - 1.85 lbs
18" - 2.60 lbs
48" - 7.00 lbs

PROTECTION:

IP66, Wet location rated, interior and exterior use

LIFE:

60,000hrs to L70

HOUSING:

Marine Grade, Weather and UV-Resistant Aircraft Grade Mil-Spec Sealed Anodized Aluminum, Finished Black or Silver

LENS:

UV and Impact-Resistant Acrylic

DEBRIS GUARD:

Impact-Resistant Polycarbonate with UV Inhibitor

INPUT VOLTAGE:

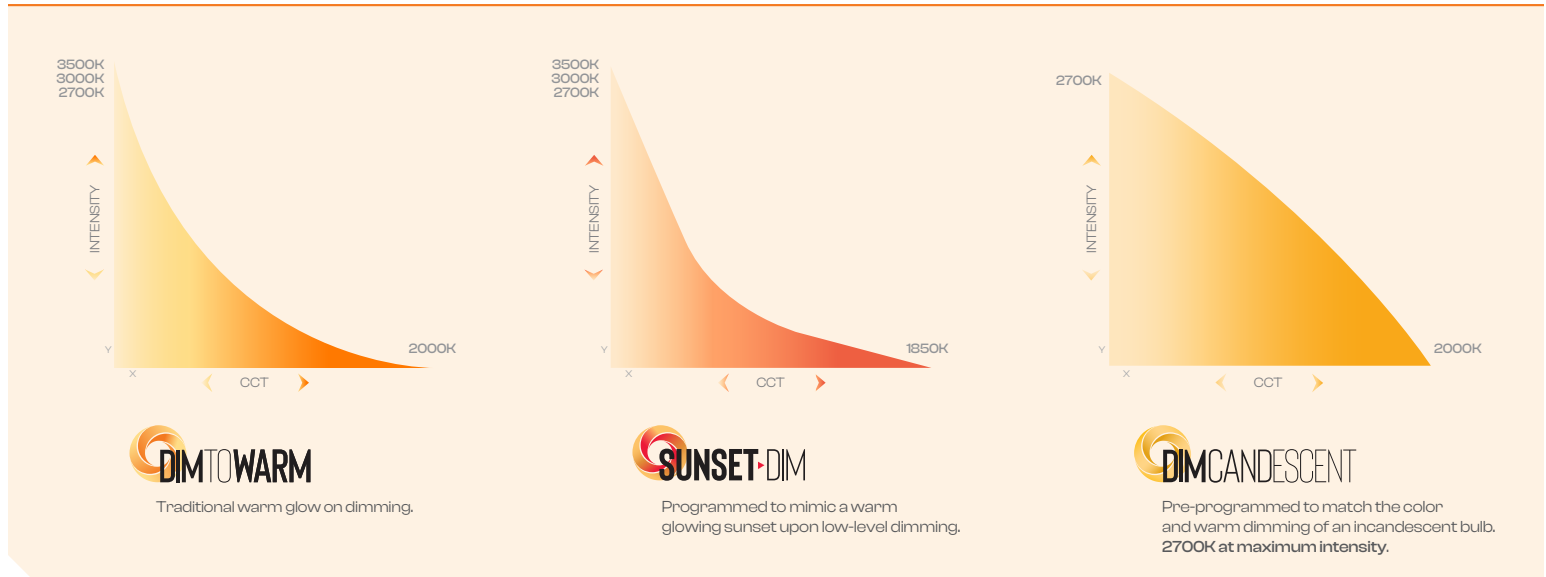
120-277VAC 50/60 Hz

► Color Quality

CRI 92 (High)

Color Temp	Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
2700K	93	93	97	99	93	92	93	95	87	69	87	94	89	94	99	90
3000K	92	92	94	96	93	92	93	93	84	63	87	94	86	92	97	89
3500K	93	93	95	95	94	93	92	95	87	69	87	94	82	93	97	91

Built-in Warm Dim Technology



Dimming Curves provided for design intent and **are not** an exact depiction of proprietary curve.

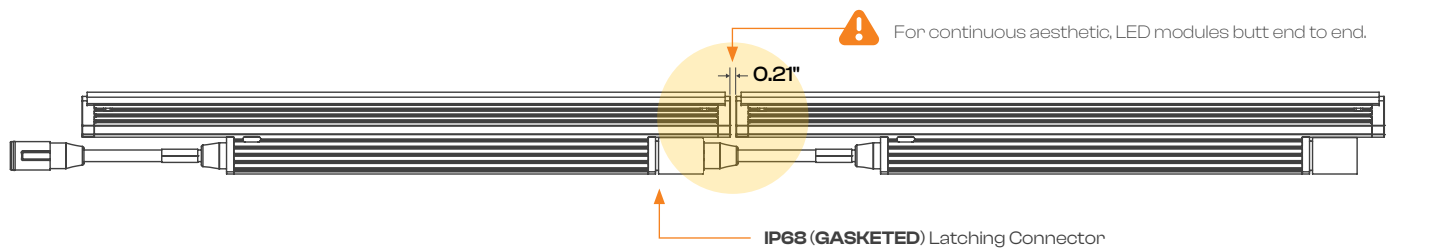
► Lumens Performance

DELIVERED LUMENS PER FOOT TABLE

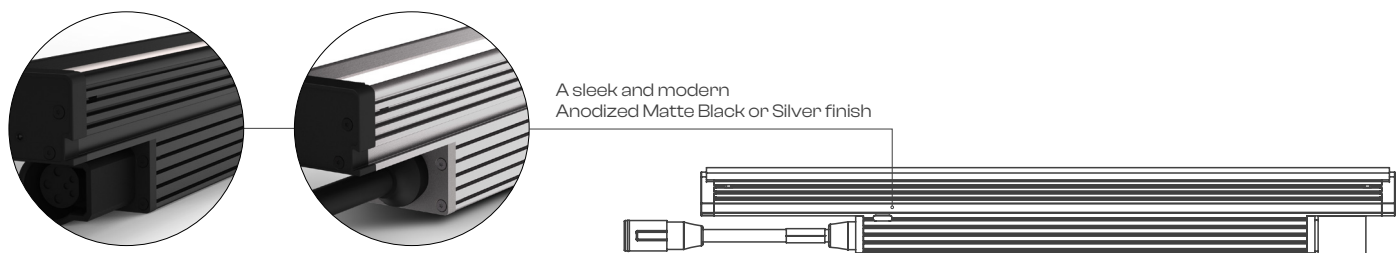
BEAMS	10°	30°	65°	82°	120°
WATTS	DELIVERED LUMENS PER FOOT				
5	256	292	331	239	200
6	295	336	382	276	279
7	354	404	458	331	394
8	413	471	535	387	512
9	472	538	611	442	640
10	511	583	662	479	785
11	560	639	726	525	945
12	619	707	802	580	1130
13	668	763	866	626	1310
14	737	841	955	690	1566

Lumens per foot based on a 4' LED module at 3000K.

▶ **LED Module - Connections**

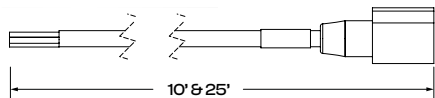


▶ **LED Module - Finishes**



▶ **Power Input - Cables**

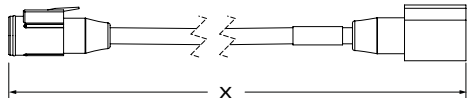
Straight	G-PIC-B-010
Straight	G-PIC-B-025



▶ **Jumper - Cables**

Black Finish.

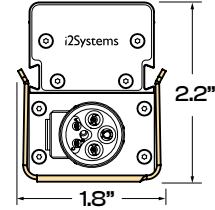
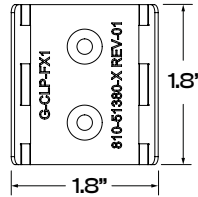
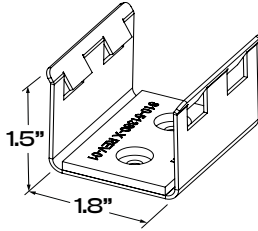
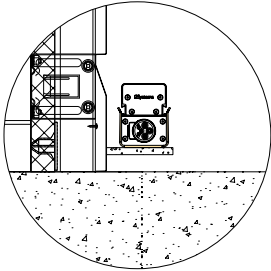
Jumper Cable Length (X)	
G-JMP-B-001	1'
G-JMP-B-003	3'
G-JMP-B-006	6'
G-JMP-B-010	10'



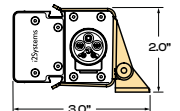
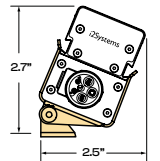
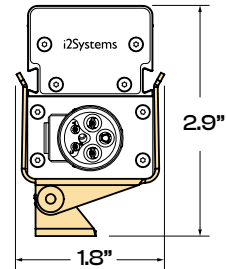
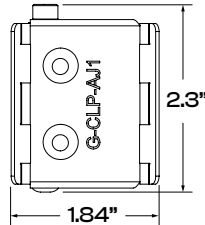
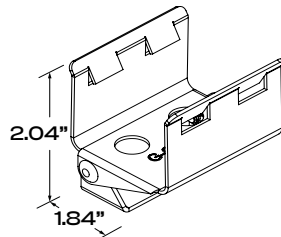
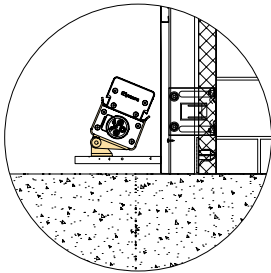
► **Surface Mounting - Brackets (2 per LED Module)**

 *Brackets provided finished in **Black**.

G-CLP-FX1* | Low Profile Fixed

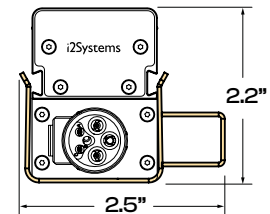
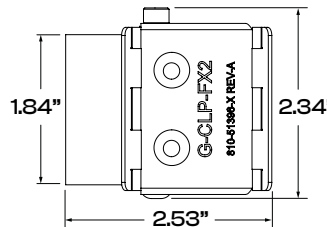
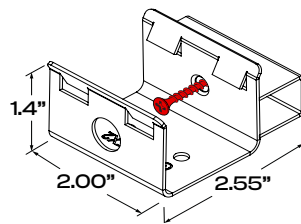
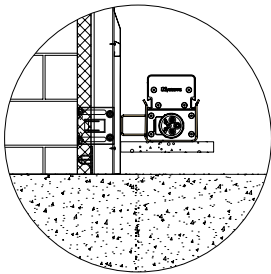


G-CLP-AJ1* | Adjustable



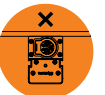
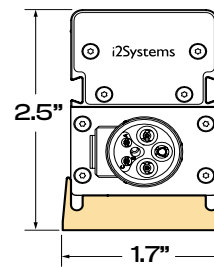
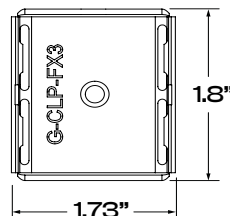
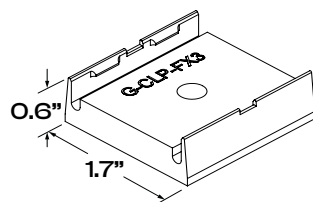
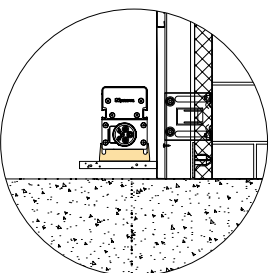
G-CLP-FX2** | Low Profile Fixed with Spacer

 **Can only be installed on an **horizontal configuration** with luminaire facing up.



G-CLP-FX3** | Bottom Profile Fixed

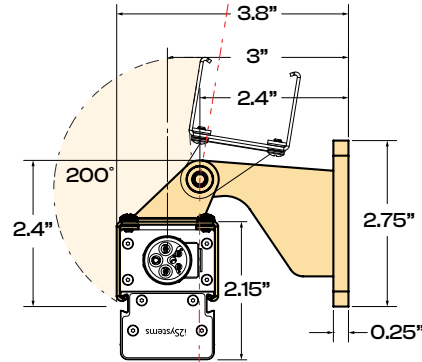
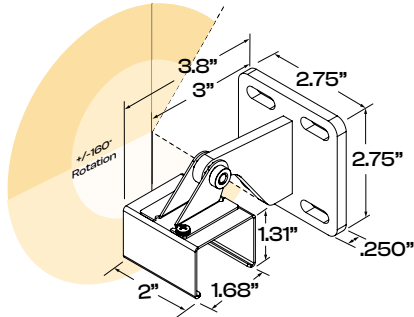
 **Can only be installed on an **horizontal configuration** with luminaire facing up.



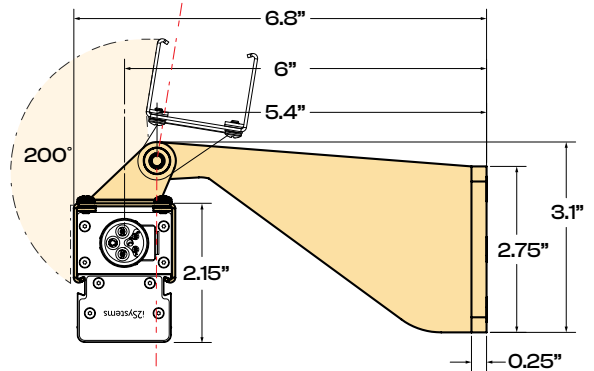
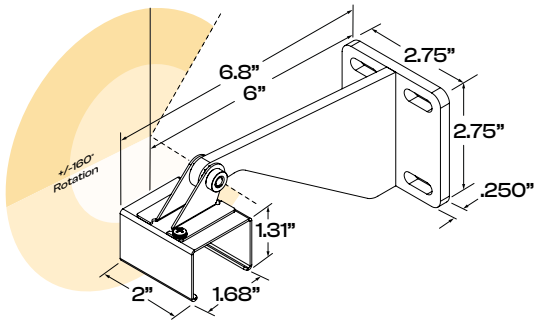
► **Surface Mounting - Brackets**

⚠️ *Consult factory for custom lengths and finishes.
Standard finish **Matte Black**.

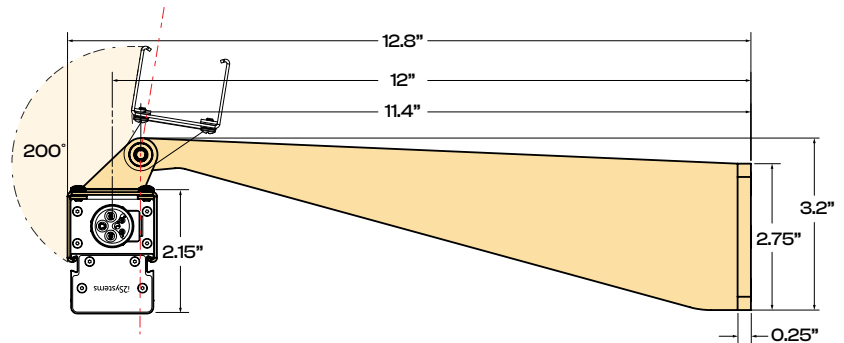
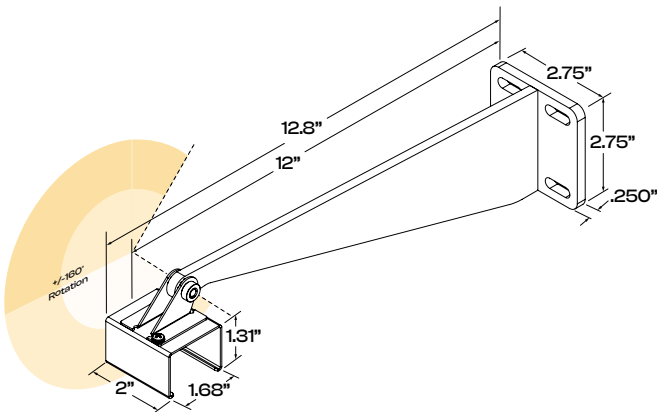
G-EXT-ARM1-03* | 3" Extension Arm



G-EXT-ARM1-06* | 6" Extension Arm



G-EXT-ARM1-12* | 12" Extension Arm

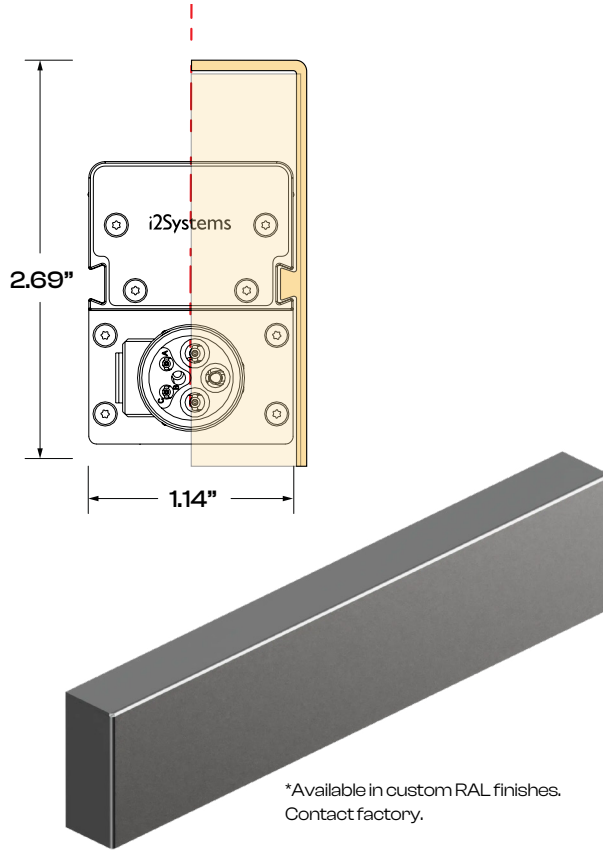


► Valances / Facade Shields / Aesthetic Valance Covers

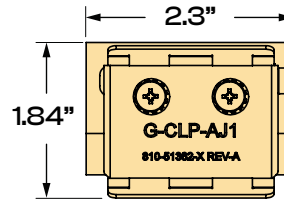


*Consult factory for custom RAL finishes.
Standard finish **Matte Black**.

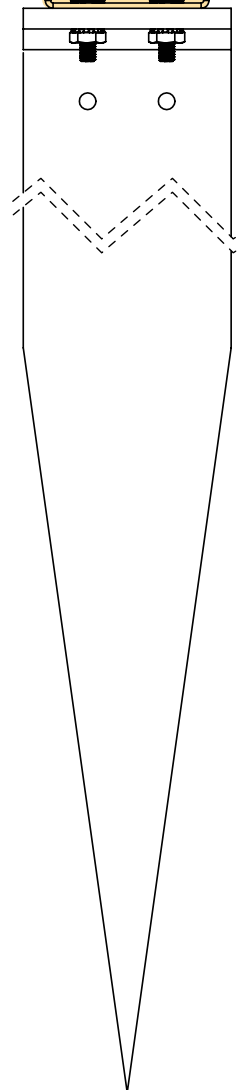
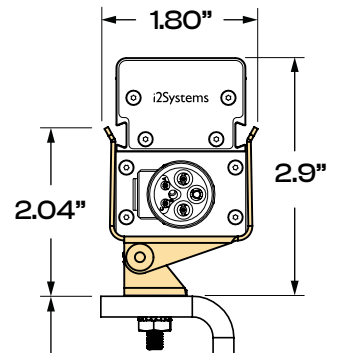
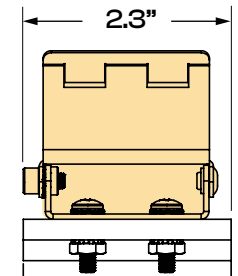
G-ASYM-SHRD | Asymmetric Shroud



G-CLP-STK1 | Ground Stake

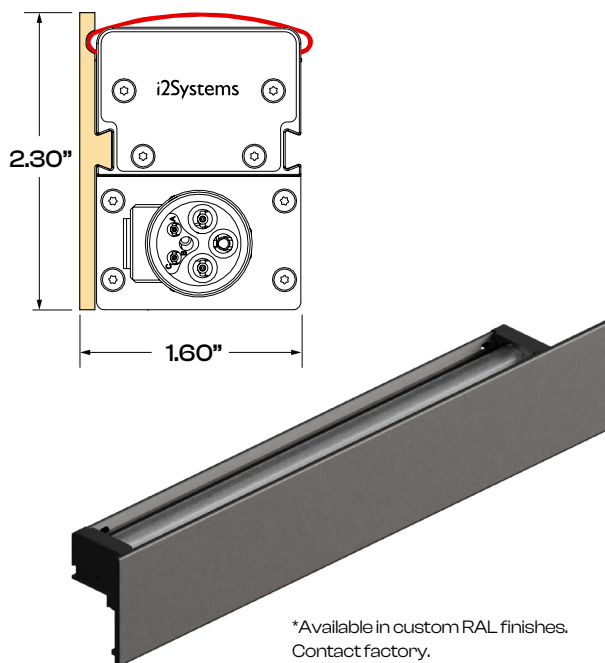


***Utilizes Adjustable Bracket (G-CLP-AJ1)**



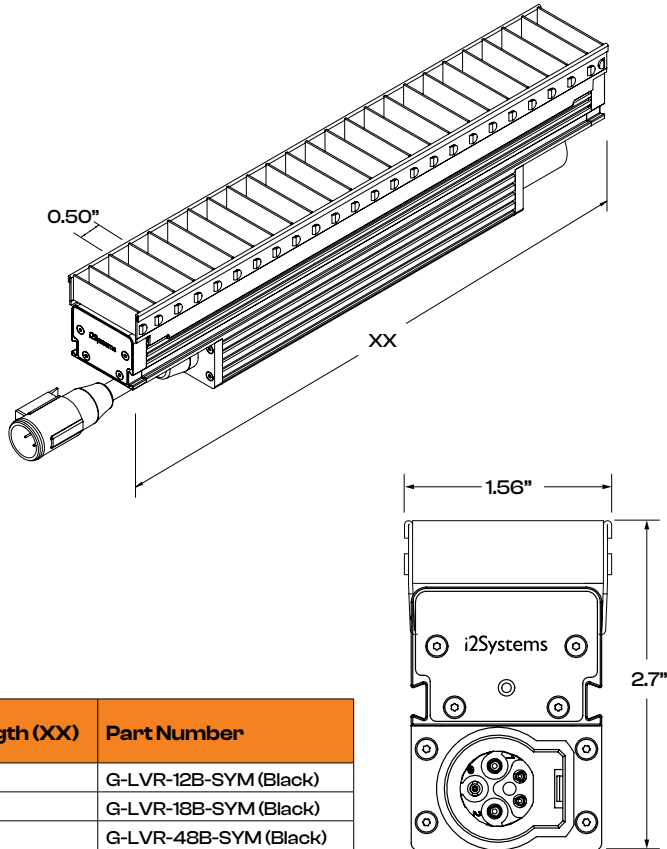
18"

G-PRF-SHLD | Profile Shield

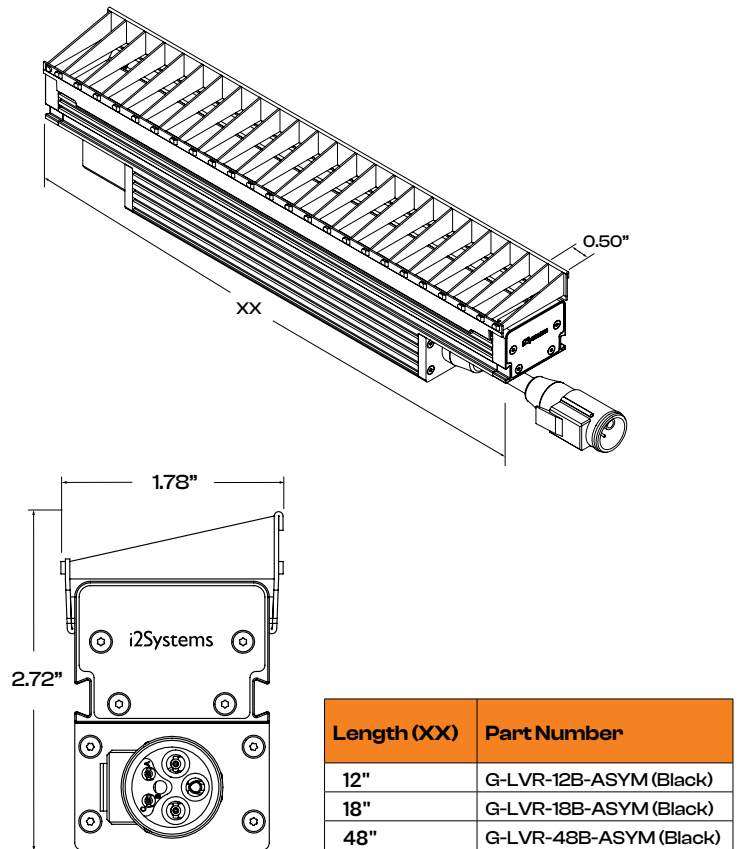


► LED Module - Louvers

G-LVR-XXB-SYM* | Symmetric Louver Black



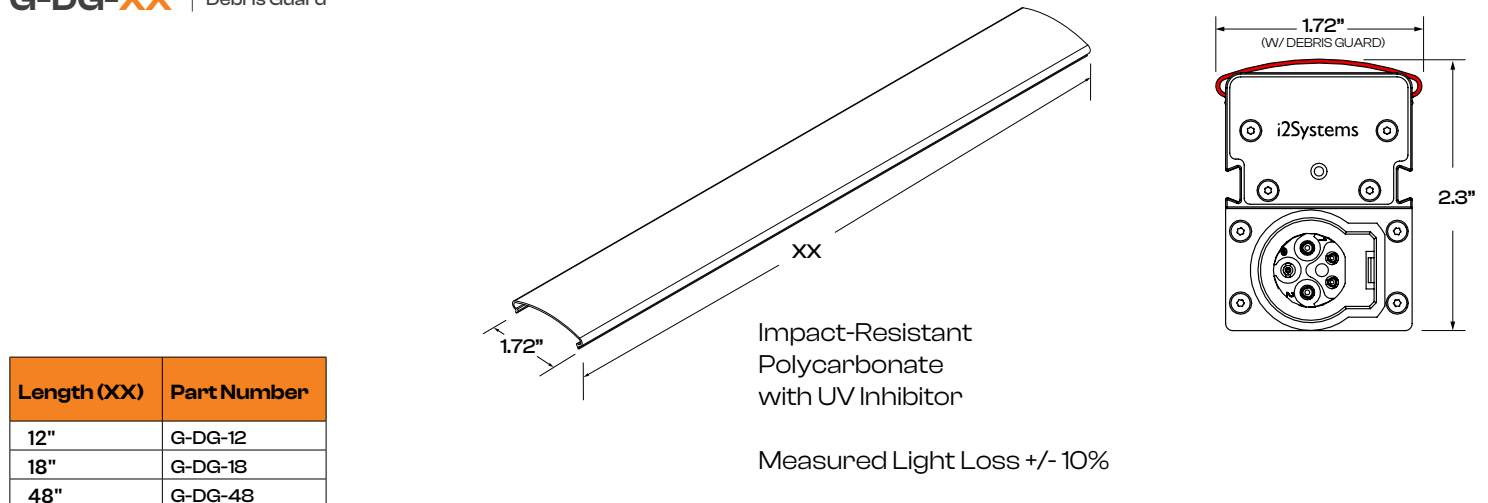
G-LVR-XXB-ASYM* | Asymmetric Louver Black



► LED Module - Debris Guard

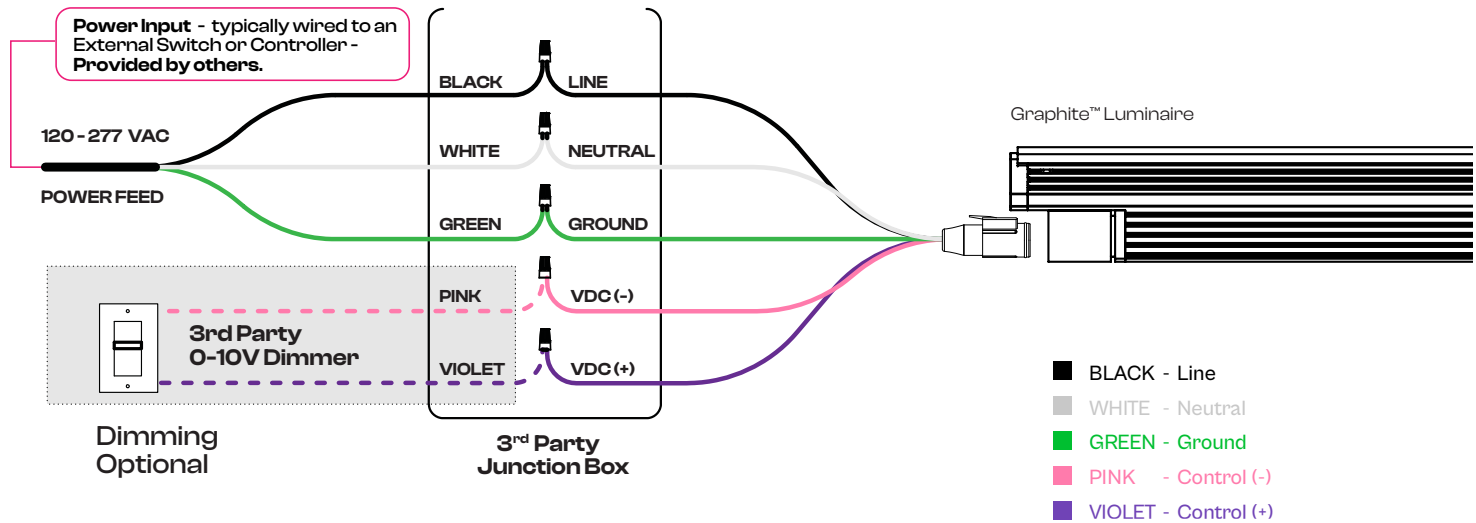
Included Standard. Part Description for Technical Clarification or Attic Stock.

G-DG-XX | Debris Guard



Controls

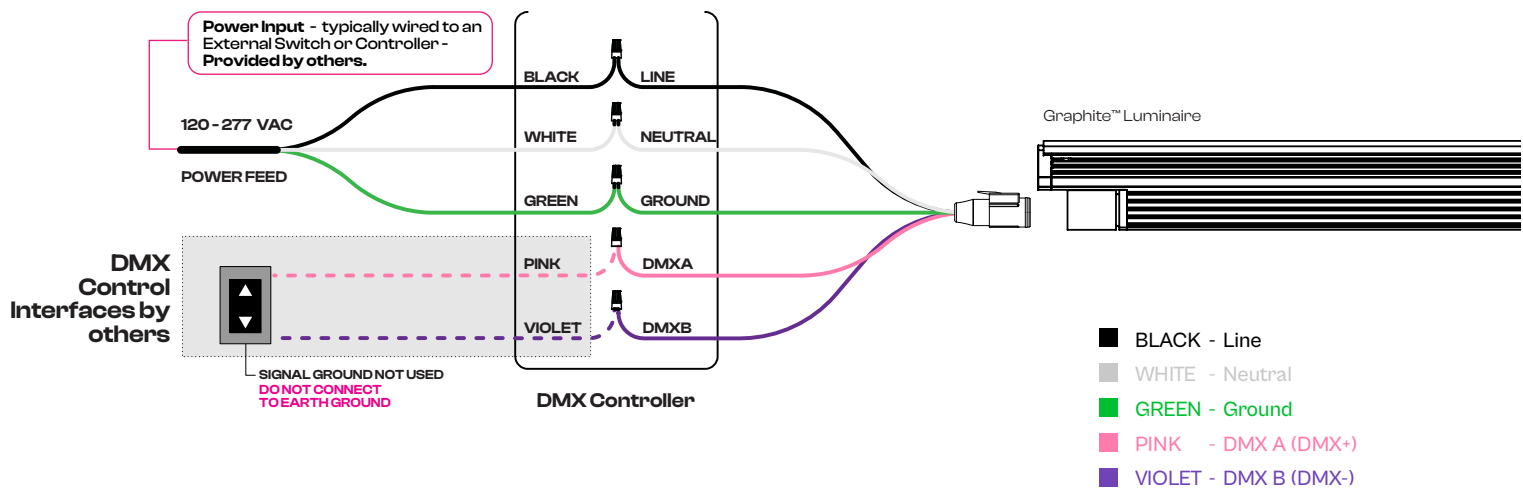
V | 0-10V



D | DMX



- Up to **512 Addresses** per Controller.
- For Static White, use only **(1) one control channel per light fixture.**
(The same Address can be used for multiple lights)

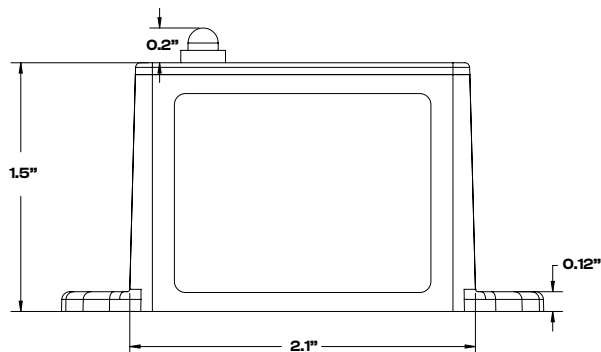
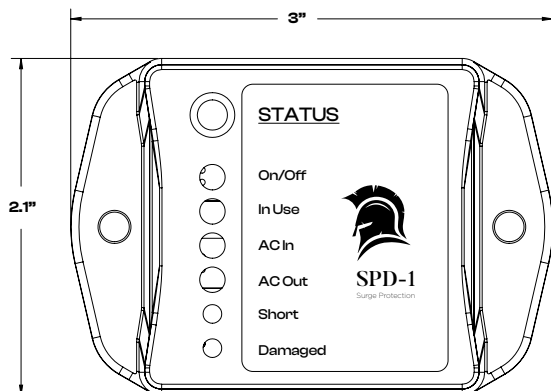


Controls

SENTRY Power Line Protection for Over Voltage and Transients

THE FIRST LINE OF DEFENSE

Protects against surges of up to **20,000 joules**.
5000 amps at **277VAC**



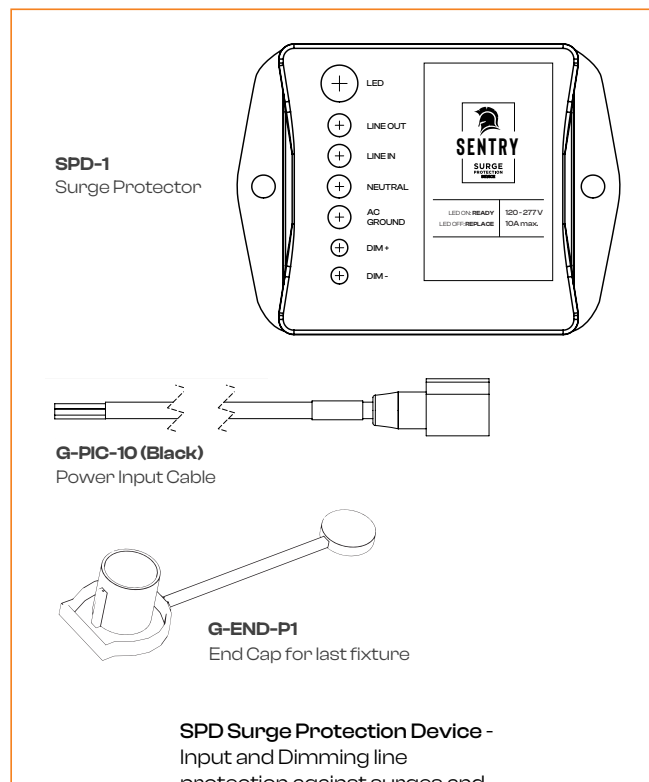
Designed to limit the surge voltage magnitude to a level that does not damage the internal circuitry of the luminaire.
SENTRY MODULE included with every Power Input Cable.

LED Module Power Entry Kit

Included Standard. Part Description for Technical Clarification.

G-PI-PKG | Power Input Kit

G-PIC-10 (Black) | G-END-P1 | SPD-1



SPD Surge Protection Device - Input and Dimming line protection against surges and spikes. Wire in front of power entry cable in J-Box.

SENTRY Wiring Diagrams

