



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 MilSpec Anodized finish

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

Plug & Play
120-277VAC - 12", 18", and 48" LED Modules.
EcoSystem[®]: 18" minimum

Programmable Outputs
Up to 1,100 lm/ft



► Specification Code Builder

YOU DESIGN IT WE MAKE IT

EXAMPLE: G-5W-18K-35K-H-6-V-B-S-FX1

Series	Power	CCT 1	CCT 2	Color Quality	Optics	Controls	Finish	Louvers & Shields	Mounting
G									
G Graphite	05W	18K - 1800K [§]	20K - 2000K [†]	S - Standard (83)	1 - 10° x 60°	V - 0-10V with i2Systems [®] LightLink [™] **	B - Black Anodized	G-LVR-XXB-SYM - Symmetrical Louver	AJ1 - Adjustable
	06W	20K - 2000K [†]	22K - 2200K [†]	H - High (92) [†]	3 - 30° x 60°	D - DMX	S - Silver Anodized	G-LVR-XXB-ASYM - Asymmetrical Louver	FX1 - Low Profile Fixed
	07W	22K - 2200K [†]	25K - 2500K [†]	R Values on pg 3		6 - 65° x 60°		G-ASYM-SHRD - Asymmetrical Shroud	FX2 - Low Profile Fixed /Spacer
	08W	25K - 2500K [†]	27K - 2700K [†]		8 - 82° x 60°			G-PRF-SHLD - Profile Shield	FX3 - Bottom Profile Fixed
	09W	27K - 2700K [†]	30K - 3000K		0 - 120° [‡]			G-DG-XX - Debris Guard	EXT-ARM1-03 - 3" Extension Arm
	10W	30K - 3000K	35K - 3500K		See pg 2 for Optics			XX - Indicates Length. Refer to pg 8 for lengths	EXT-ARM1-06 - 6" Extension Arm
	11W	35K - 3500K	40K - 4000K						EXT-ARM1-12 - 12" Extension Arm
	12W	40K - 4000K	45K - 4500K						Refer to pgs 5 & 6 for additional information
	13W	45K - 4500K	50K - 5000K						
	14W	50K - 5000K	57K - 5700K						
		57K - 5700K	65K - 6500K						

[‡]2500K currently offered at 83+CRI

^{**}Only offered in 18" & 48"

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

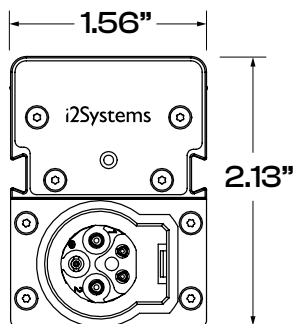
[‡]2500K is ONLY available with 120° Optic

[§]CC2 for 1800K currently offered up to 3500K

[‡]120° Optic not available for 1800K

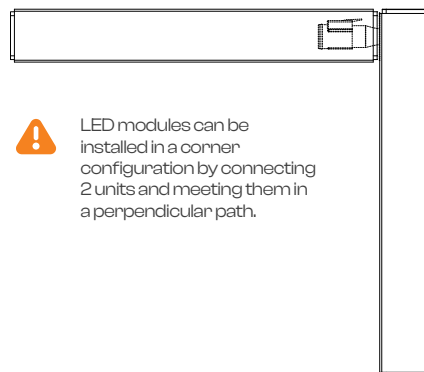


► LED Module - Dimensions



Beam Angles

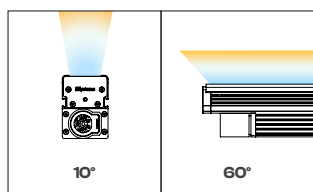
10° x 60°
30° x 60°
65° x 60°
82° x 60°
120° x 120°



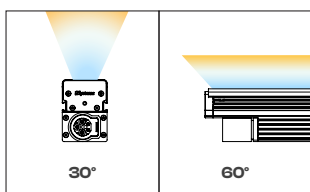
LED modules can be installed in a corner configuration by connecting 2 units and meeting them in a perpendicular path.



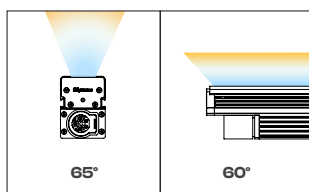
Grazing/Accent Beam



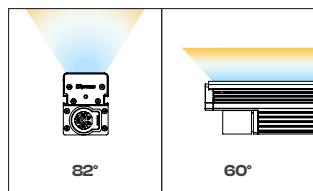
Washing Beam



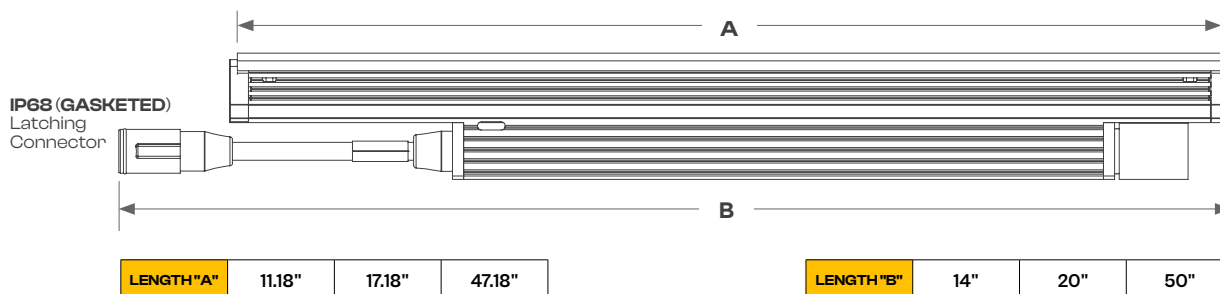
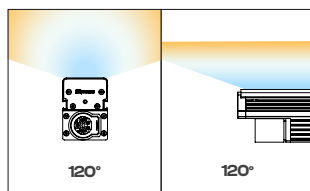
Wide Washing Beam



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
1800K	95	95	96	98	93	93	90	96	95	90	94	85	81	95	97	99
2000K	95	94	96	97	91	92	91	98	99	97	94	84	84	94	97	98
2200K	93	93	97	99	93	93	98	91	80	60	93	95	95	94	99	88
2500K*	84	82	92	96	81	82	93	82	61	23	84	82	82	85	99	75
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
4000K	91	91	93	94	92	91	90	94	87	64	83	92	78	91	96	89
4500K	93	93	94	94	93	92	90	95	89	71	85	92	73	93	97	92
5000K	94	94	94	93	94	93	91	96	93	78	86	94	75	94	96	93
5700K	92	94	92	90	93	93	88	93	93	79	81	93	76	93	94	94
6500K	93	93	93	91	94	93	88	95	93	78	83	93	71	93	95	93

*84 CRI for 2500K

CRI - 83+ (Standard)

Color Temp	Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
1800K	85	85	95	93	81	85	97	81	63	32	90	92	87	78	97	99
2000K	83	82	93	94	81	82	95	80	57	17	86	82	89	84	98	74
2200K	84	83	93	94	82	83	95	81	58	15	86	83	88	85	98	74
2500K*	84	82	92	96	81	82	93	82	61	23	84	82	82	85	99	75
2700K	85	84	92	98	85	84	91	85	64	20	82	86	81	86	99	77
3000K	86	84	91	96	86	85	89	87	67	22	79	86	77	86	98	78
3500K	86	85	90	94	87	84	85	89	72	26	73	86	70	85	96	79
4000K	85	84	89	92	87	87	85	89	72	26	73	86	70	85	96	79
4500K	84	83	86	89	85	83	82	88	73	23	68	86	67	83	94	78
5000K	84	82	88	92	85	84	84	87	68	9	71	85	70	83	96	76
5700K	83	82	85	88	85	84	81	86	71	10	66	86	69	82	94	76
6500K	84	83	87	90	86	84	82	88	73	14	69	86	65	84	95	78

*84 CRI for 2500K

► Lumens Performance

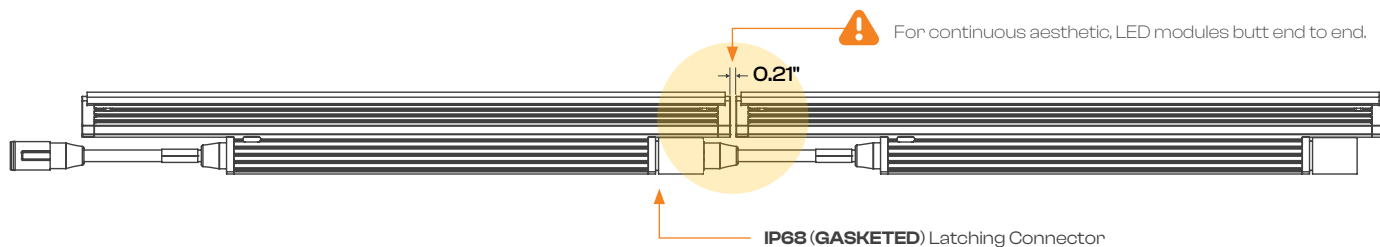
DELIVERED LUMENS PER FOOT TABLE

STANDARD CRI (83)

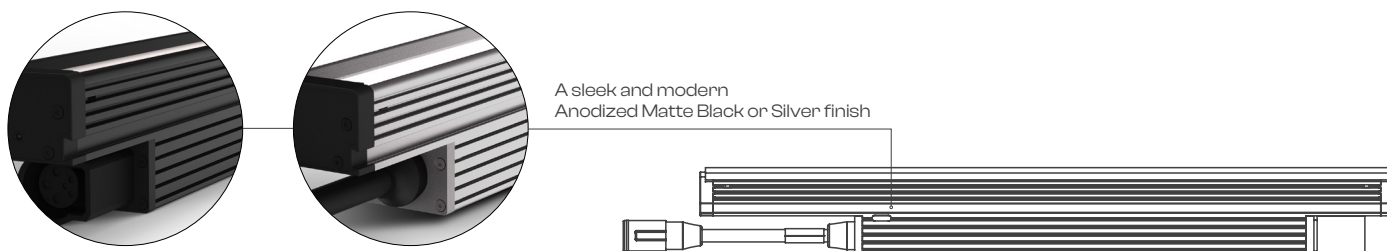
BEAMS	10°	30°	65°	82°	120°
WATTS	DELIVERED LUMENS PER FOOT				
5	297	339	385	278	200
6	343	391	444	321	279
7	411	469	533	385	394
8	480	548	622	450	512
9	548	626	711	514	640
10	594	678	770	557	785
11	651	743	844	610	945
12	720	822	933	674	1130
13	777	887	1007	728	1310
14	857	978	1110	803	1566

Lumens per foot based on a 4" LED Module at 3000K.

► LED Module - Connections

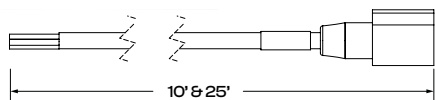


► LED Module - Finishes



► Power Input - Cables

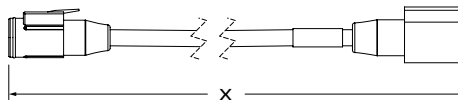
Straight	G-PIC-B-010
Straight	G-PIC-B-025



► Jumper - Cables

Black Finish.

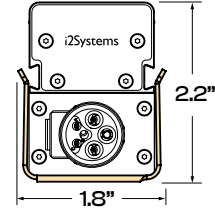
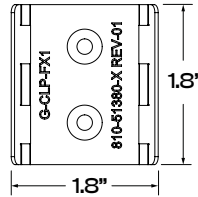
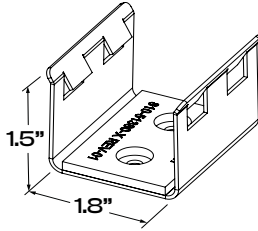
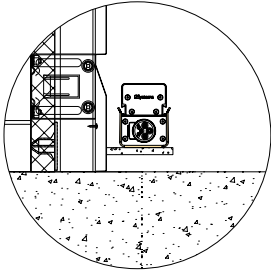
Jumper Cable Length (X)	
G-JMP-B-001	1'
G-JMP-B-003	3'
G-JMP-B-006	6'
G-JMP-B-010	10'



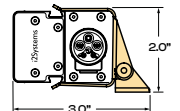
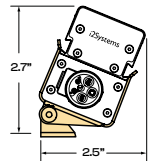
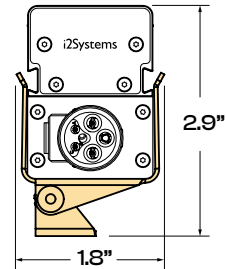
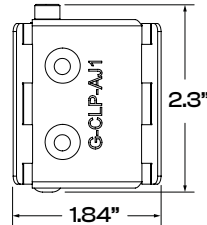
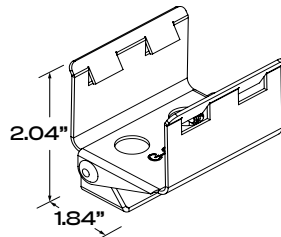
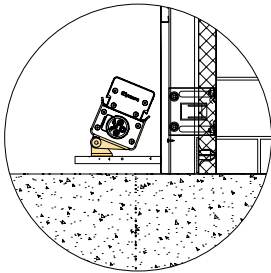
► **Surface Mounting - Brackets (2 per LED Module)**

 *Brackets provided finished in **Black**.

G-CLP-FX1* | Low Profile Fixed

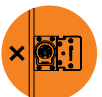
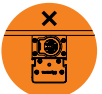
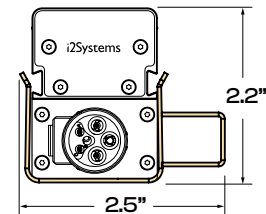
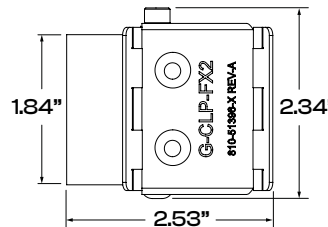
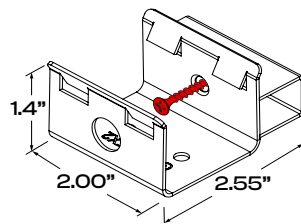
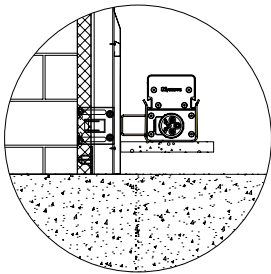


G-CLP-AJ1* | Adjustable



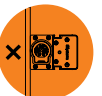
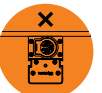
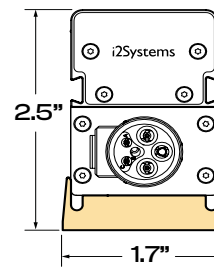
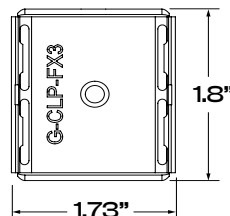
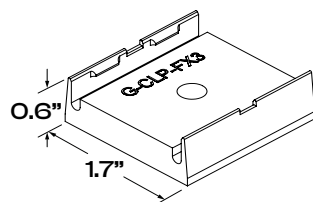
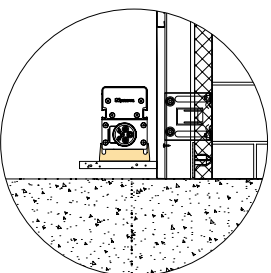
G-CLP-FX2** | Low Profile Fixed with Spacer

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



G-CLP-FX3** | Bottom Profile Fixed

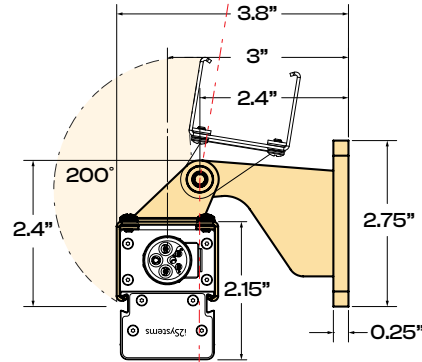
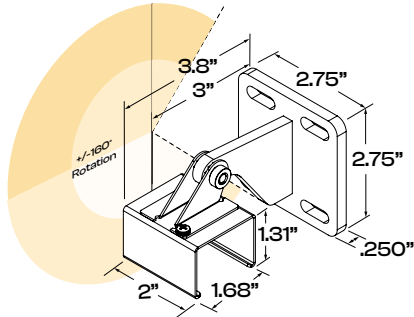
 **Can only be installed on an **horizontal configuration** with luminaire facing up.



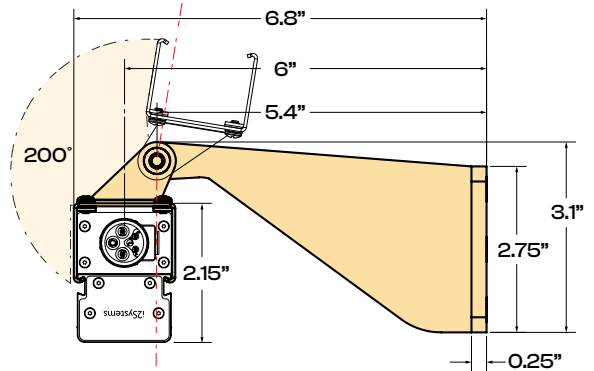
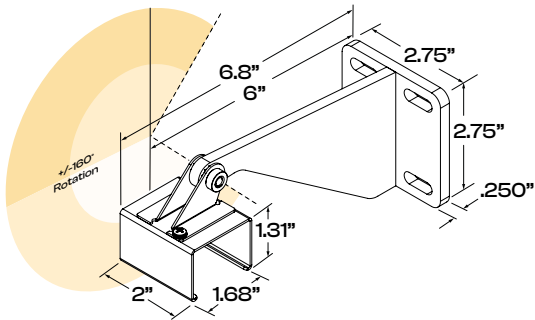
► Surface Mounting - Brackets

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

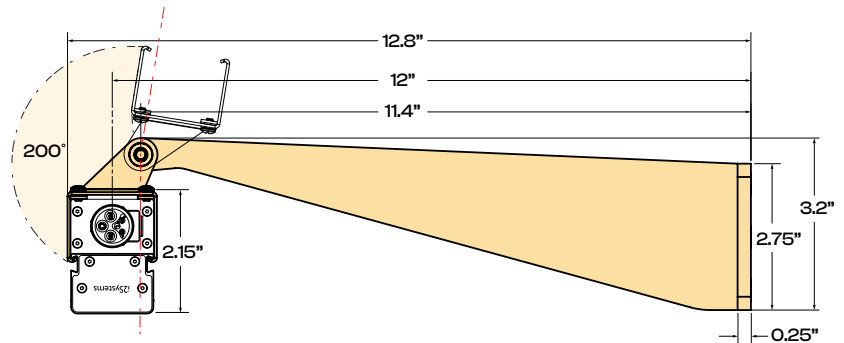
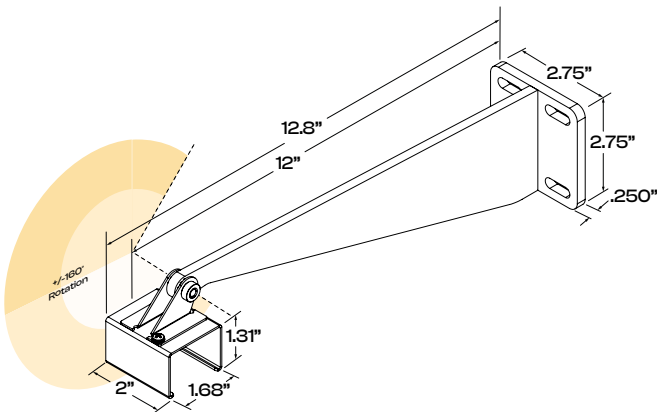
G-EXT-ARM1-03* | 3" Extension Arm



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



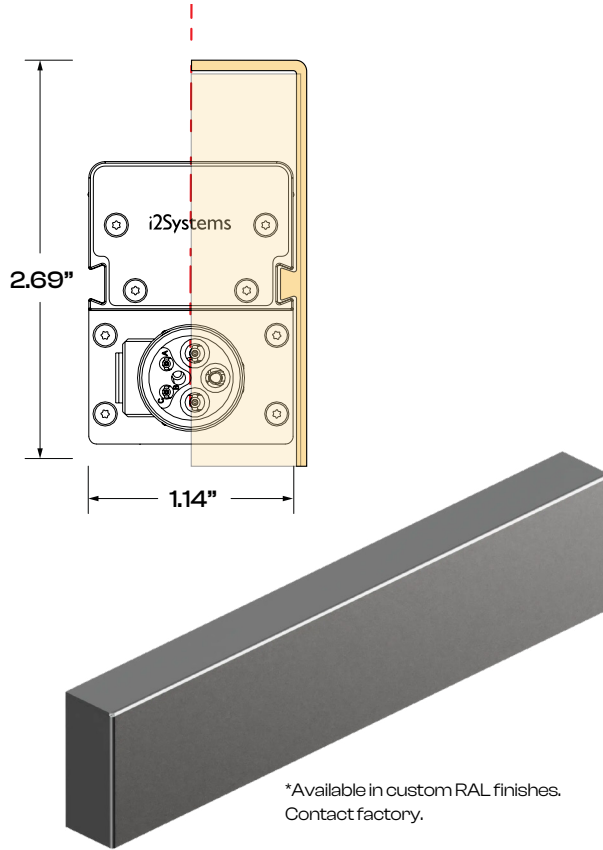
G-EXT-ARM1-12* | 12" Extension Arm



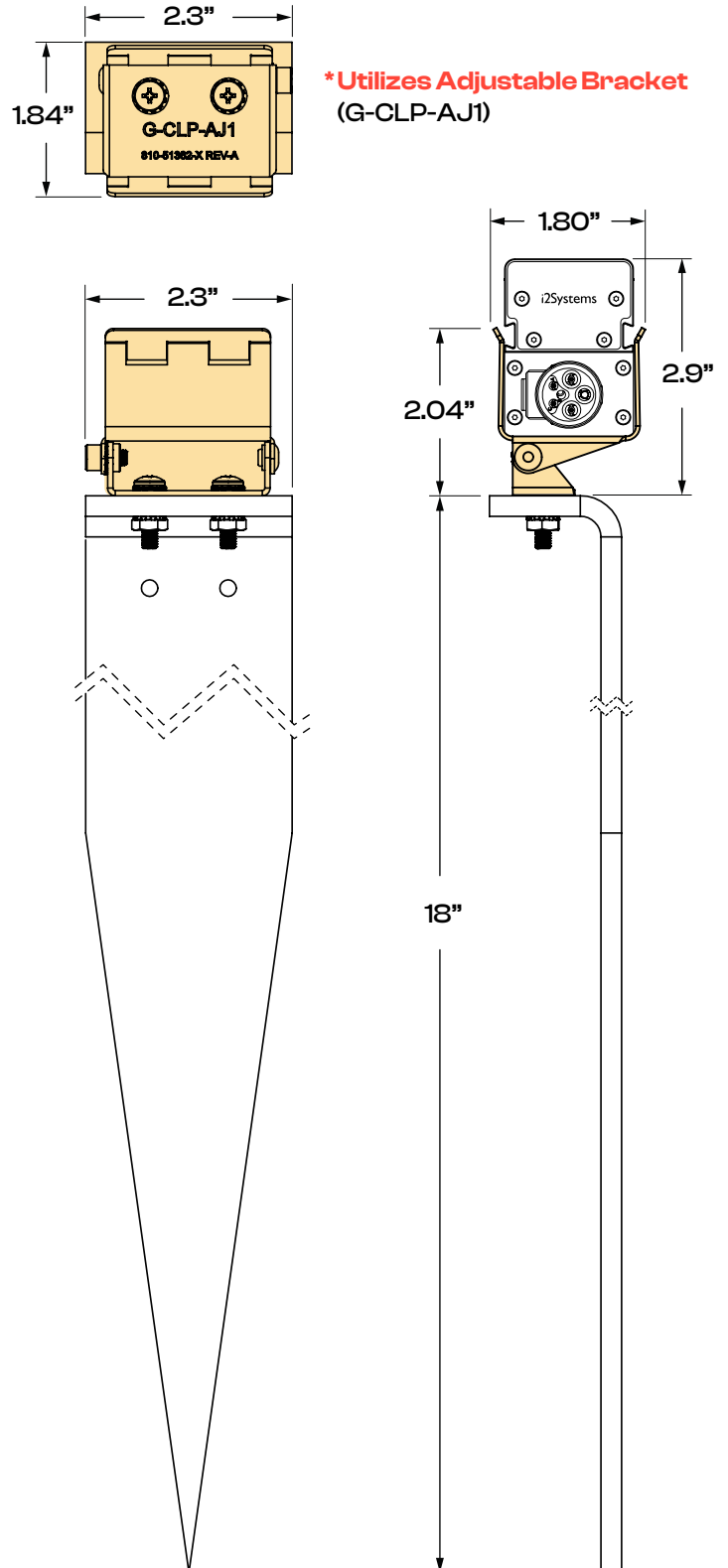
► Valances / Facade Shields / Aesthetic Valance Covers

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

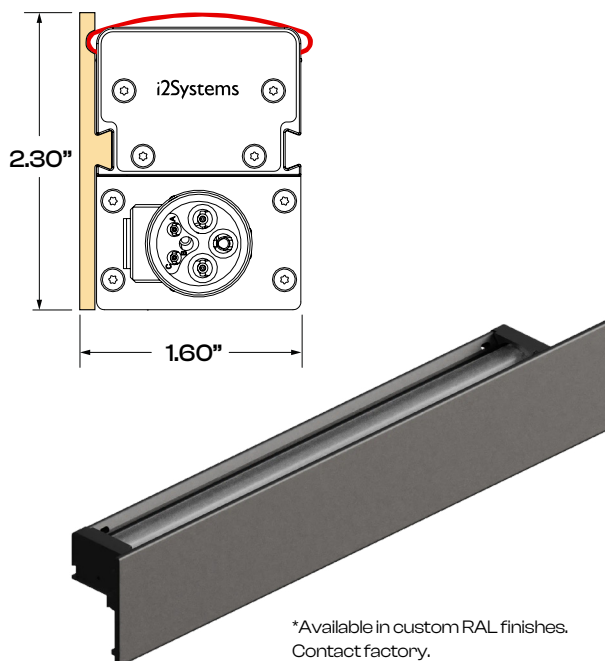
G-ASYM-SHRD | Asymmetric Shroud



G-CLP-STK1 | Ground Stake

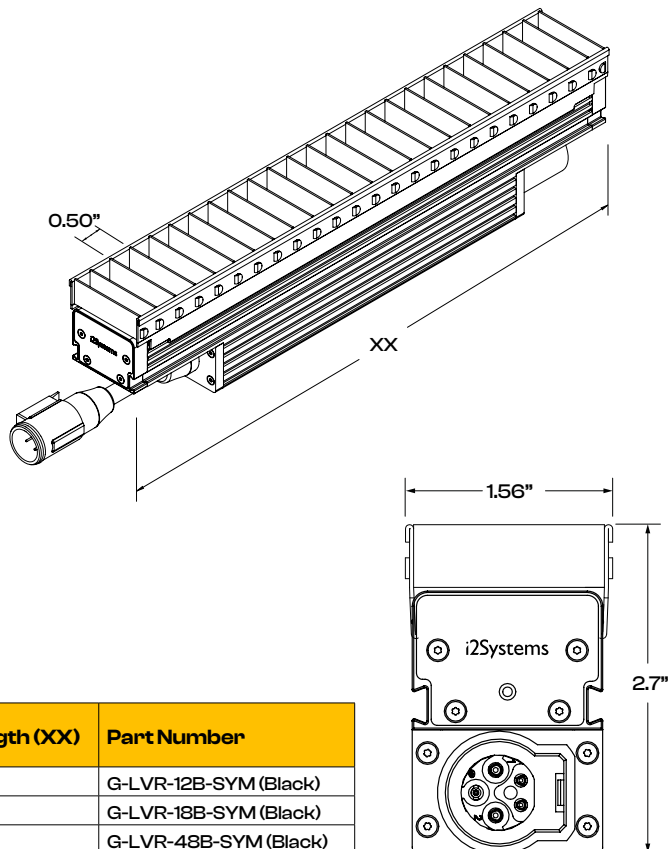


G-PRF-SHLD | Profile Shield



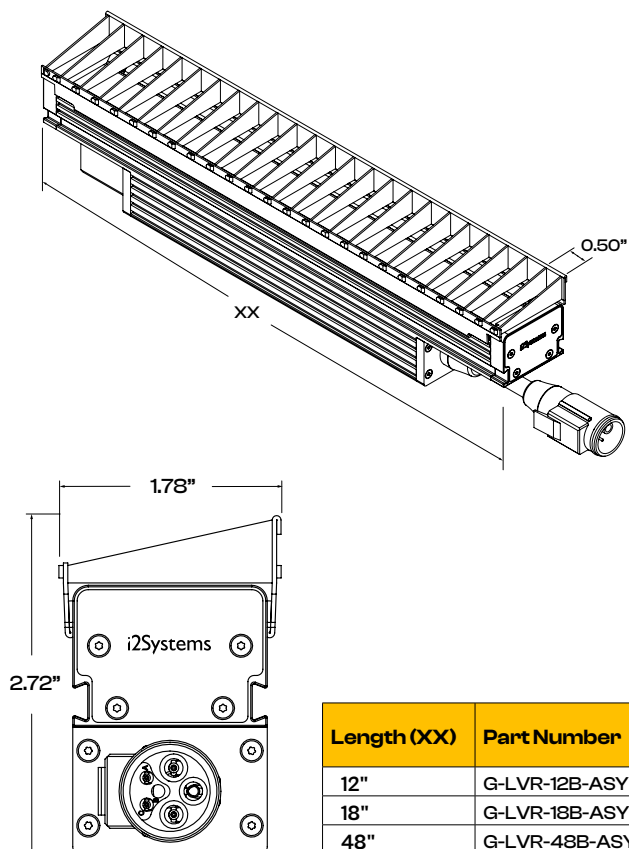
► LED Module - Louvers

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



Length (XX)	Part Number
12"	G-LVR-12B-SYM (Black)
18"	G-LVR-18B-SYM (Black)
48"	G-LVR-48B-SYM (Black)

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

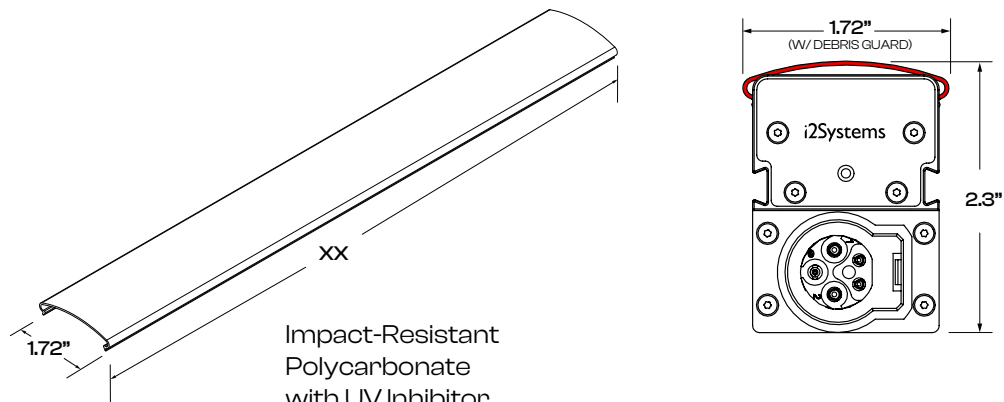


Length (XX)	Part Number
12"	G-LVR-12B-ASYM (Black)
18"	G-LVR-18B-ASYM (Black)
48"	G-LVR-48B-ASYM (Black)

► LED Module - Debris Guard

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

G-DG-XX | Debris Guard



Length (XX)	Part Number
12"	G-DG-12
18"	G-DG-18
48"	G-DG-48

Impact-Resistant
Polycarbonate
with UV Inhibitor

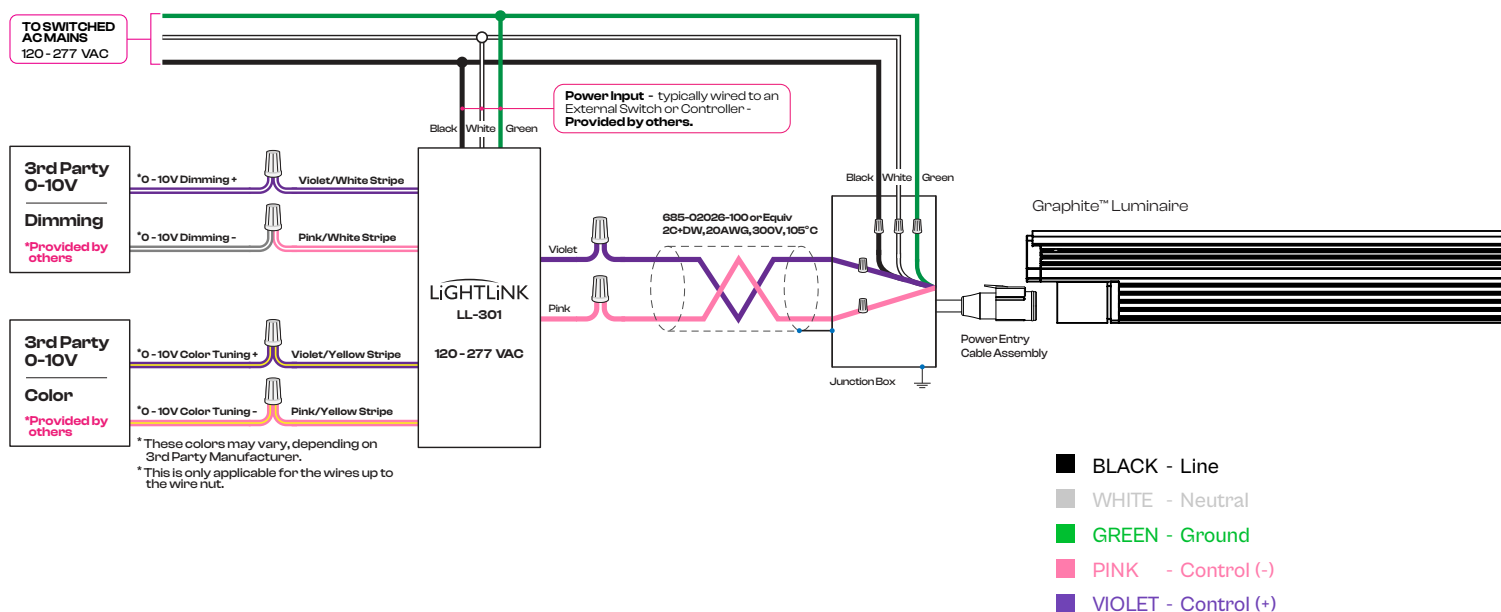
Measured Light Loss +/- 10%

Controls

V | 0-10V via i2SYSTEMS® LightLink™

LiGHTLiNK™

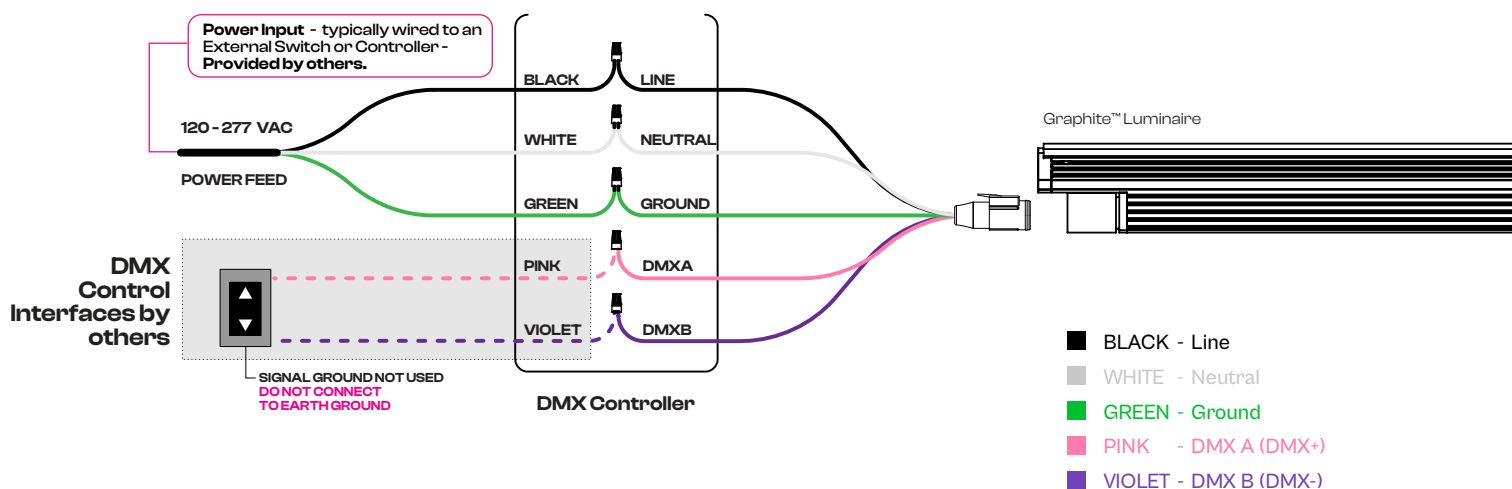
Enabled



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)

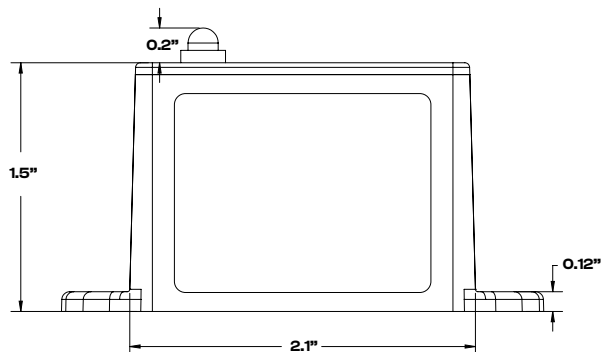
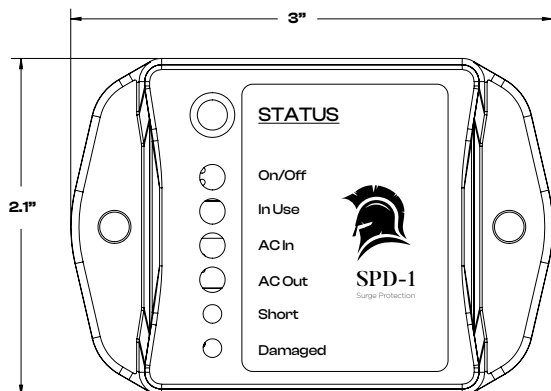


Controls

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**



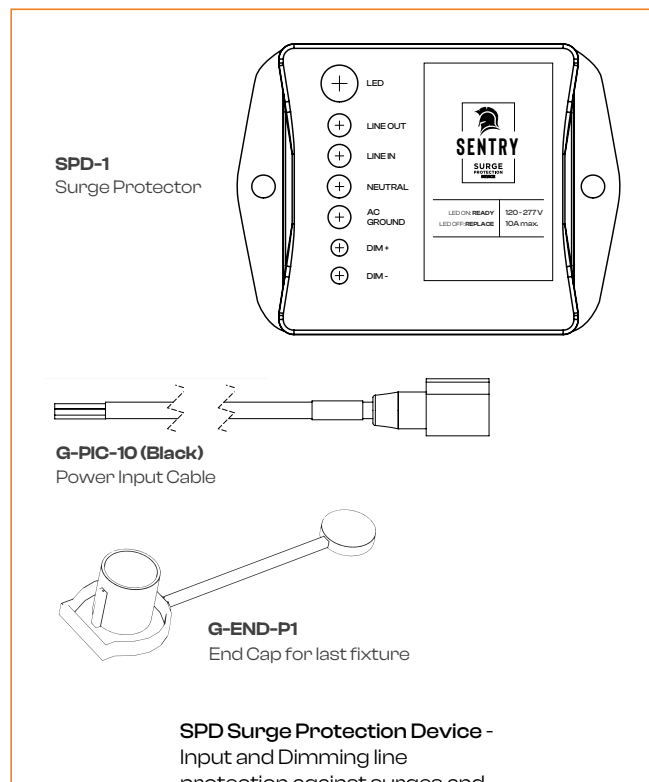
Designed to limit the surge voltage magnitude to a level that does not damage the internal circuitry of the luminaire.
SENTRY MODULE included with every Power Input Cable.

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

