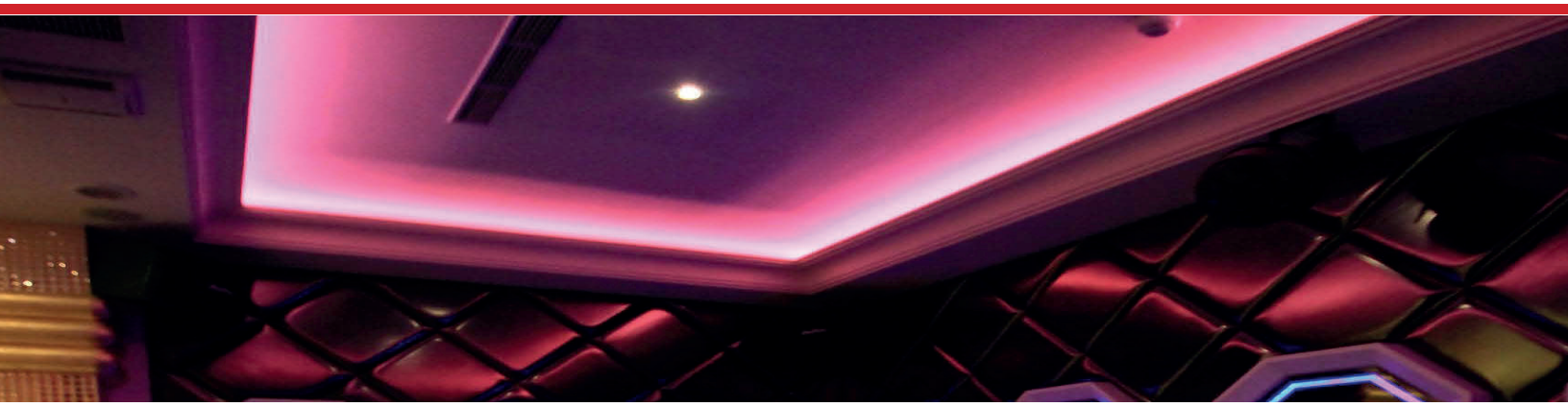
TSLC
THE SMART LIGHTING COMPANY

Date: .....
Type: .....
Project: .....
Firm: .....

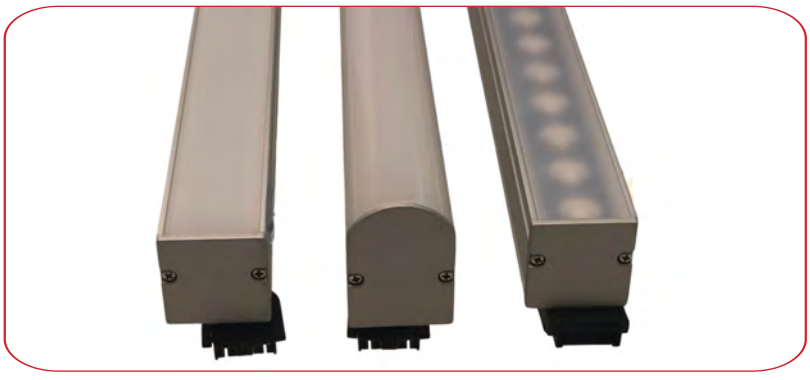


HB3015I RGB

INTERIOR LINEAR LED LIGHTBAR

POWERFUL | COMPACT | LOW PROFILE
6w/ft | RGB | DMX





HB30i Family

Grazing | Wall Washing | Cove Lighting

The Smart Lighting Company HB3015i RGB Series is an economical specification-grade interior luminaire offering a compact, low-profile design for efficient wall washing, grazing, and cove illumination. This high-performance fixture, part of the versatile HB30 Series, is equipped with a 100/277VAC integral driver, enabling longer runs and simplified installation via Plug & Play connectors. Utilizing Nichia bin-sorted LEDs, it delivers consistent, high-quality light, making it a top choice for architects and lighting designers. Its optical lenses are expertly crafted to enhance light output while reducing power consumption. DMX controlled and self-addressing, the HB3015i RGB offers customization with various fixture lengths, optics, and finishes. Fixtures contain an integral universal power supply and full thermal management, and feature a choice of bottom or side wire feeds, ensure easy integration into narrow spaces. Ideal for creating dynamic and visually appealing environments, this fixture is perfect for adding a touch of sophistication to any interior setting.

LM80 TESTED LEDS | CSA | c UL us LISTED | NICHIA

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technology by LEDpower

TSLC THE SMART LIGHTING COMPANY

HB3015I INTERIOR LINEAR LED LIGHTBAR

SPECIFICATIONS

Date: .....
Type: .....
Project: .....
Firm: .....

PERFORMANCE

Output
6w/ft

Color Temperatures
RGB

Beam Angles
15°, 30°, 45°, 60°, 75°, 90°, 120°, 30°x60°

LEDs per Foot
15 (5R, 5G, 5B)

LED's
Nichia bin-sorted

Color Consistency
2 SCDM

ELECTRICAL

Input Voltage
100-277vac

Power Supply
Integral

Control
DMX

Resolution
Per 12" or per fixture

Heat dissipation
Full thermal management system

Connection
Quick connect plug and play system
(power and signal in one cable)

Projected Lumen Maintenance
>90,000 hours

PHYSICAL

Fixture Length Options
12", 24", 36", 48"

Max Run Length
197ft@277vac, 85ft@120vac

Housing
Anodized extruded aluminum, tooled end caps

Lens
Polycarbonate

Fixture Finish (Standard)
Anodized aluminum

Powder Coated Finish (Optional)
Black, Bronze, White, CU

Standard Mounting
Stainless adjustable or flat brackets

Operating Temperature
-40°F to 122°F, (-40°C to 50°C)

ENVIRONMENT AND WARRANTY

IP Rating
IP40

Environment
Dry locations

Certifications
UL, cUL

Warranty
5 year limited warranty

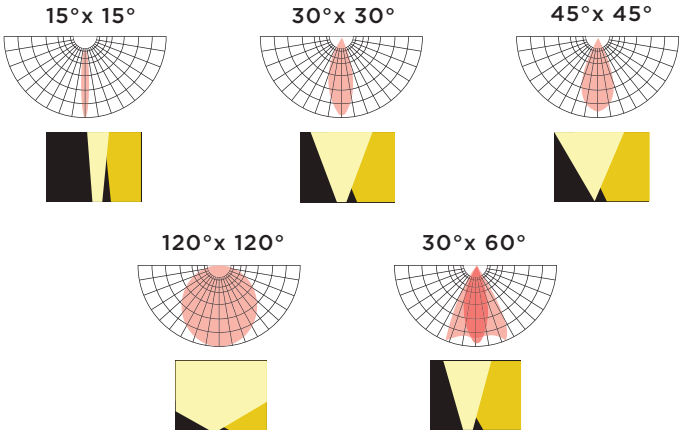
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HB3015I INTERIOR LINEAR LED LIGHTBAR

SPECIFICATIONS

Date: .....
Type: .....
Project: .....
Firm: .....

OPTICS



COLOR TEMPERATURES

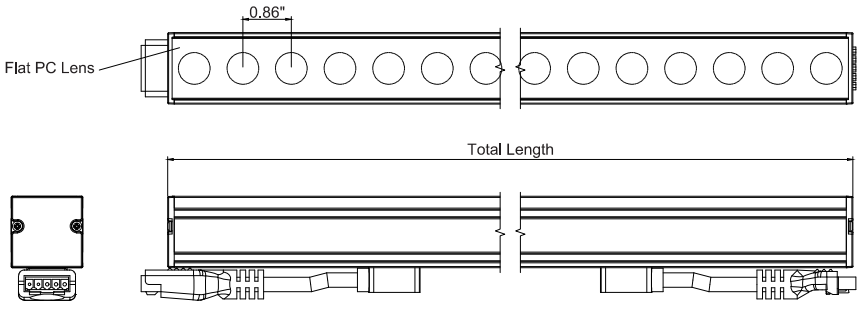


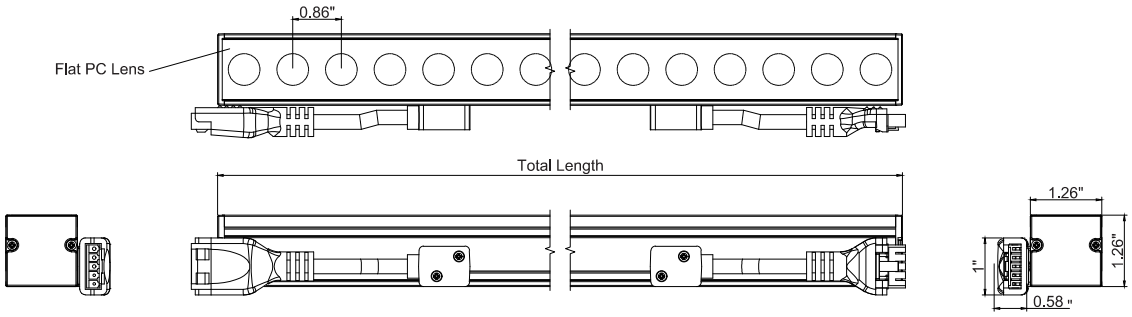
RGB

DIMENSIONS AND DATA

6w/ft	Voltage	View Angle	Watts/ Fixture	Lumens/ Fixture	LEDs/ fixture	Extrusion Length	Total Length
HB3015i-1-RGB-XXD-AC-DX	100-277VAC	15°, 30° 45°, 60° 75°, 90° 30°x60° 120°	5.6w	TBD	5R,5G,5B	L=305.9mm	L=306.8mm (12.1”)
HB3015i-2-RGB-XXD-AC-DX			11.2w	TBD	10R, 10G, 10B	L=606.8mm	L=611.8mm (24.1”)
HB3015i-3-RGB-XXD-AC-DX			16.8w	TBD	15R, 15G, 15B	L=911.4mm	L=916.4mm (36.1”)
HB3015i-4-RGB-XXD-AC-DX			22.4w	TBD	20R, 20G, 20B	L=1216.2mm	L=1221.2mm (48.1”)

PROFILE





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HB3015I INTERIOR LINEAR LED LIGHTBAR

ORDER FORM

Date: .....
Type: .....
Project: .....
Firm: .....

CREATE YOUR FIXTURE

Ex. HB3015i-4-RGB-15-AC-DM

MODEL

HB3015i	6w/ft

LENGTH

1'	12 inches
2'	24 inches
3'	36 inches
4'	48 inches

COLOR

RGB	RGB

OPTICS

15	15°x15°
30	30°x30°
45	45°x45°
60	60°x60°
75	75°x75°
90	90°x90°
120	120°x120°
3060	30°x60°

VOLTAGE

AC	100-277vac

CONTROL

DM	Addressable/12"
DS	Addressable/fixture

SELECT CONNECTION

Wire Lead

QTY	POWER/SIGNAL	
	AL-ID5P-72"-W/L	72" (6ft) Wire lead 5pin
	AL-ID5P-xx"-W/L	xx" (CU) Wire lead 5pin

** 1 wire lead required for each run.*

End Cap

QTY		
	AL-ID5P-ENDCAP	End cap for fixture output at end of run

** 1 End cap required at the end of each run*

Jumper Cable

QTY	POWER/SIGNAL	
	AL-ID5P-12"-J	12" (1ft) jumper 5pin
	AL-ID5P-72"-J	72" (6ft) jumper 5pin
	AL-ID5P-xx"-J	xx" (CU) jumper 5pin

** Fixtures are end to end connected. Use jumpers if space is needed between fixtures.*

SELECT MOUNTING

QTY	MOUNTING BRACKETS - 2 PER FIXTURE	
	AL-ID/PD30-ADJ BRACKET	HB30 Adjustable bracket
	AL-ID/PD30-FLAT BRACKET	HB30 Flat bracket

** Select flat brackets if fixture is mounted in powder coated housing*

ADDITIONAL OPTIONS

Optional Powder Coated Finish

QTY	Powder coated finishes available for additional cost	
	BK	Black
	BZ	Bronze
	WH	White
	CU	Custom

** Fixture housing is anodized aluminum standard*

DMX Controller

QTY		
	NIC-DMX-STICK-DE3	DMX Controller

Surge Protection

QTY		
	LSP4-UNV	120/277v surge protector

Junction Boxes

QTY		
	ID5A-DMX-3WB1	Power and CAT5 signal splitter
	ID5A-DMX-3WB2	AC Power amplifier for long run lengths
	ID5A-DMX-3WB3	Power and Wire lead signal splitter

** Used in place of wire leads to separate power and signal*

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HB30 SERIES

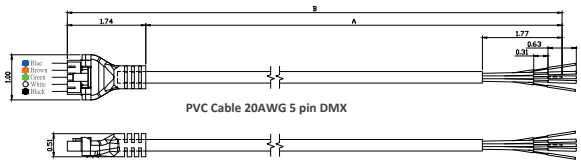
WIRING OPTIONS

Date: .....
Type: .....
Project: .....
Firm: .....

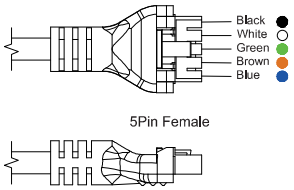
WIRE LEAD

DESCRIPTION
5 pin power / signal wire

PART NUMBER
AL-ID5P-xx”-W/L



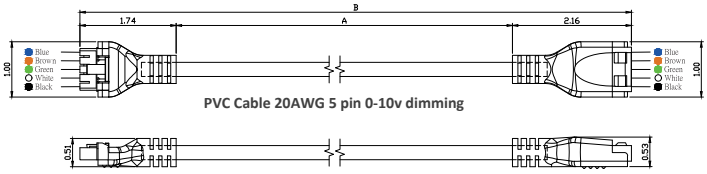
Wire color	Description
Black	AC_L
White	AC_N
Green	Ground
Brown	1~10V+ or DMX+
Blue	1~10V- or DMX-



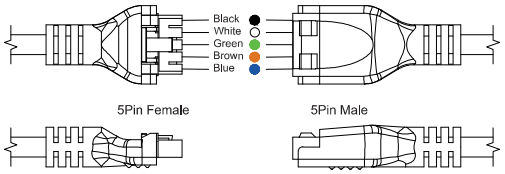
JUMPER CABLE

DESCRIPTION
5 pin power / signal jumper

PART NUMBER
AL-ID5P-xx”-J



Wire color	Description
Black	AC_L
White	AC_N
Green	Ground
Brown	1~10V+ or DMX+
Blue	1~10V- or DMX-



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POWER/SIGNAL

DISTRIBUTION BOXES

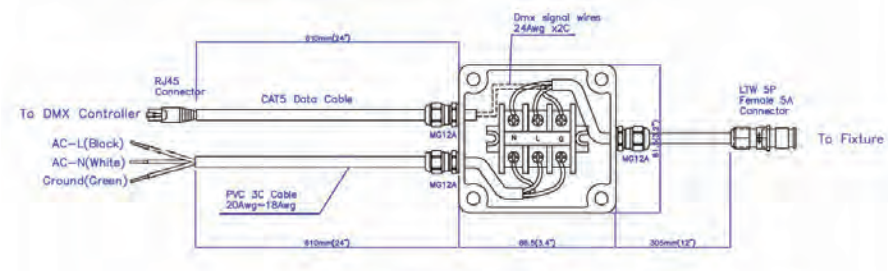
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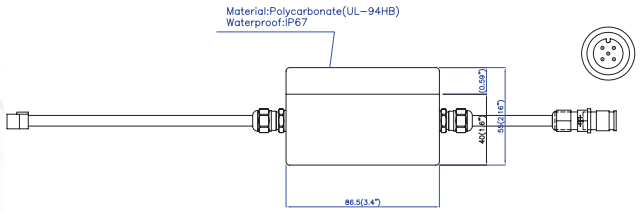
JUNCTION BOX – POWER AND CAT5 SIGNAL SPLITTER

JUNCTION BOX
ID5A-DMX-3WB1

INPUT
24” PVC Cat5 Cable for DMX Data 24”
PVC Cable (3 leads) for AC Power

OUTPUT
12” Cable w 5P Female 5A Connector



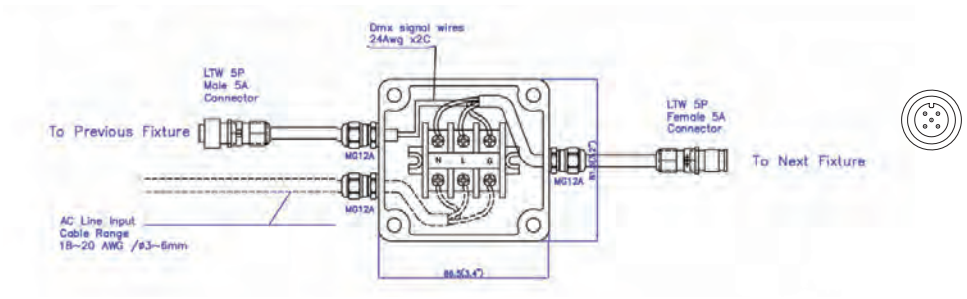


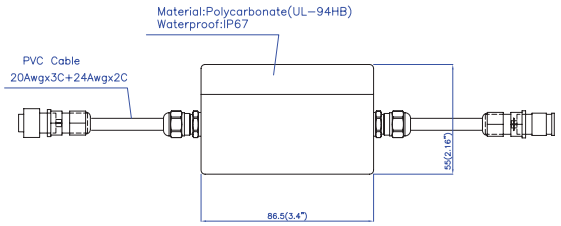
JUNCTION BOX–AC POWER AMPLIFIER FOR LONG RUN LENGTHS

JUNCTION BOX
ID5A-DMX-3WB2

INPUT
12” PVC Cable w/ 5P Male 5A Connector

OUTPUT
12” PVC Cable w/ 5P Female 5A Connector



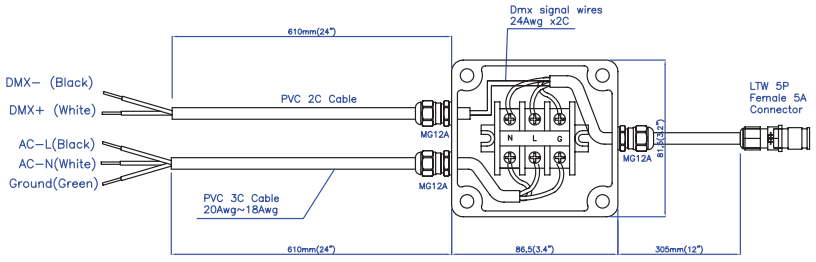


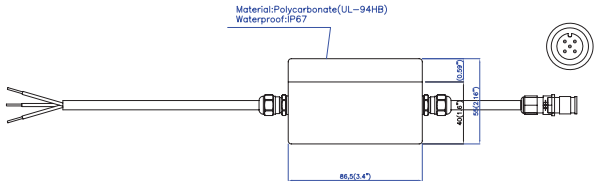
JUNCTION BOX – POWER AND WIRE LEAD SIGNAL SPLITTER

JUNCTION BOX
ID5A-DMX-3WB1

INPUT
24” PVC Cable (2 leads) for DMX Data
24” PVC Cable (3 leads) for AC Power

OUTPUT
12” Cable w 5P Female 5A Connector





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HB30i SERIES

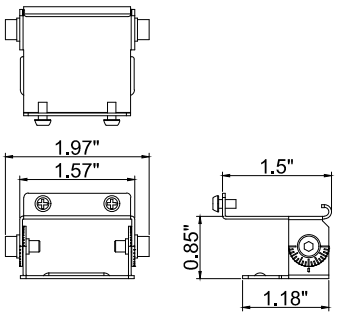
MOUNTING BRACKETS

Date: .....
Type: .....
Project: .....
Firm: .....

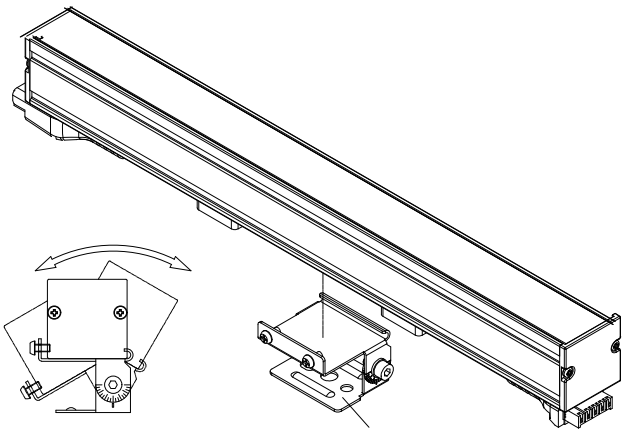
ADJUSTABLE BRACKETS

DESCRIPTION
HB30i Adjustable Bracket

PART NUMBER
AL-ID30 ADJ.Bracket



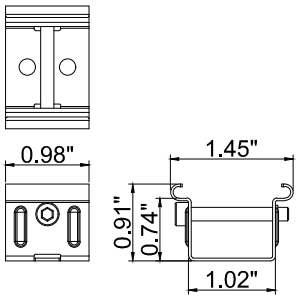
Clip C



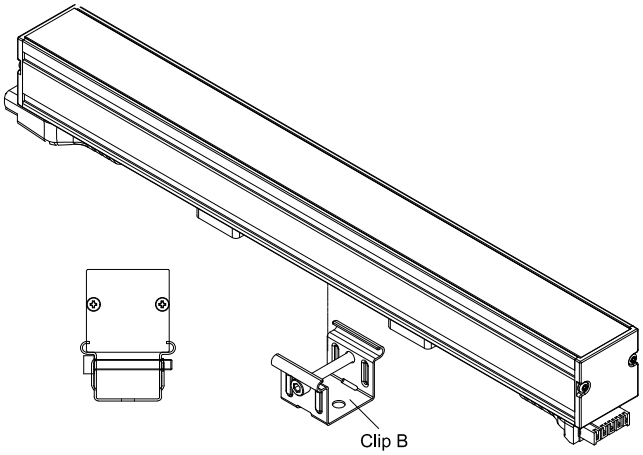
FLAT BOTTOM FEED BRACKETS

DESCRIPTION
HB30 Flat Bracket - bottom wire feed

PART NUMBER
AL-ID30-Flat Bracket



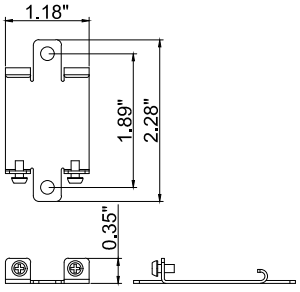
Clip B



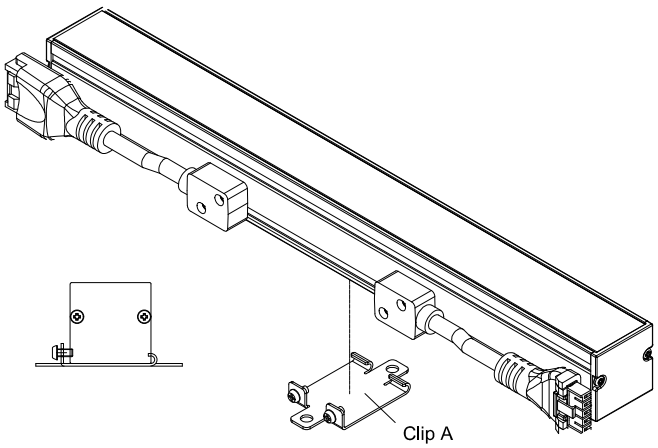
FLAT SIDE FEED BRACKETS

DESCRIPTION
HB30 Flat Bracket - side wire feed

PART NUMBER
AL-ID30-FSF Bracket



Clip A



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Date: .....
Type: .....
Project: .....
Firm: .....

SURGE PROTECTION DEVICE

SURGE PROTECTION

DESCRIPTION
Surge Protection Device

PART NUMBER
AL-LSP-UNV

The use of a surge protection device is necessary to maintain your warranty. Specifications are subject to change without notice.

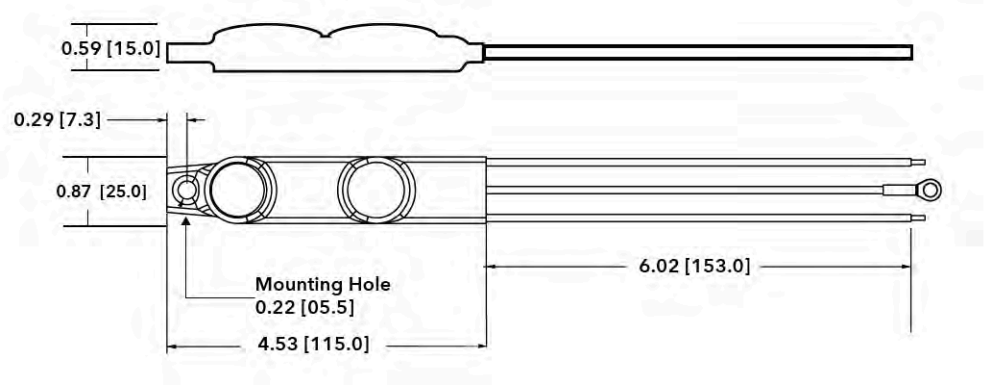
SPECIFICATIONS

Input Voltage	120-277V (+/- 5%)		
Frequency	50Hz-60Hz		
Maximum Continuous Voltage	320V		
Maximum Discharge Current	L-N 20kA; L-G, N-G 10kA (8/20Qs standard wave)		
Nominal Discharge Current	5kA		
Measured Limiting Voltage (VpK)	L-N	L-G	N-G
	1200	1320	1320
Max Case Temperature	85°C		

PULSE RATING (8 X 20 SEC)		
Surge Level	# of Strikes	
	L-N	L-G, N-G
10,000A	*2	1
6,500A	4	2
5,000A	30	15
2,000A	200	100
700A	20000	1000

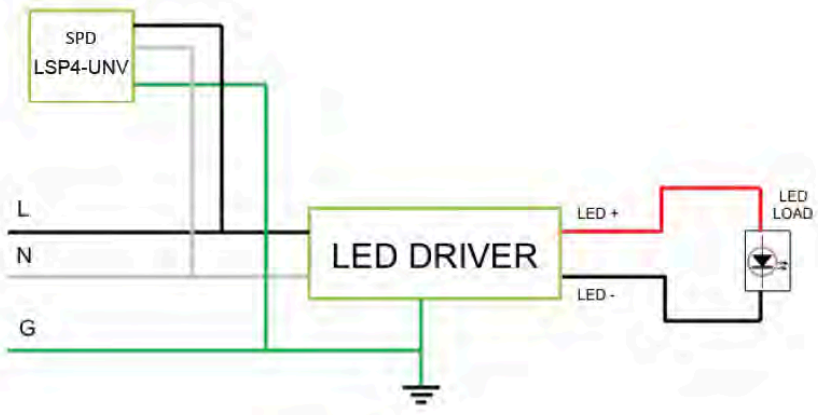
**1 strike at 20,000A*

MECHANICAL DIMENSIONS : IN (MM)





WIRING DIAGRAM



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