HONYA Lighting

Project Name: _____
Date: _____ Note: _____

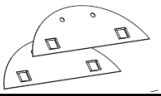
LED LINEAR STRIP – LS100 Series





Applications: Commercial facilities, industrial spaces, warehouses, retail stores, residential garages, schools/institutions, government agencies, grocery stores, and more.

ACCESSORIES

Image	Description
	J-Box Mounting Plate (Included)
	Suspension Mount Kit (Included)
	Alignment Bracket (Sold Seperately)

FEATURES

- **High-Performance Lighting:** Features 80+ CRI, PF >0.9, and a 120° beam angle for bright, energy-efficient, and uniform illumination.
- **Durable & Efficient Construction:** White-finish housing with aluminum heatsink provides efficient heat dissipation and maintains over 70% lumen output after 50,000+ hours.
- **Versatile & User-Friendly Design:** Low-profile fixture with PMMA lens delivers even, glare-free light distribution, with wattage/CCT adjustability, linkable installation, optional built-in motion sensor, and emergency backup driver for various applications.
- **Wide Operating Temperature:** Designed for reliable performance in temperatures ranging from -4°F to +104°F (-20°C to +40°C) and suitable for damp locations.

ODERING GUIDE

Model	Length	Watt	CCT	Lumens	Dimmable	Voltage	Suffix
HY-2FT-LS100-20W-3CCT (XX)	2ft	20W	3500/4000/5000K Selectable or 3500/5000/6500K Selectable	2600 lm	0-10 V	120-277 V	MS: Motion Sensor; EM: Emergency Driver
HY-4FT-LS100-3W3CCT (XX)	4ft	20/30/40W		2600/3900/5200lm			
HY-4FT-LS100-80WHV-3W3CCT (XX)		40/60/80W		5200/7800/10400lm			
HY-8FT-LS100-3W3CCT (XX)	8ft	40/50/60W		5200/6500/7800lm			
HY-8FT-LS100-H-3W3CCT (XX)		40/60/80W		5200/7800/10400lm			

OPTIONAL FEATURES

Motion Sensor

Model No.	Power Supply	Mounting Height	Dim Level	Daylight Control	Hold Time	Standy-by Time
ANT-3B-2	12V-24V DC	Max 17FT	0%/10%/30%/50%	10/30/50Lux	10s/1M/5M/15M	Infinite/1Min/30Min/60Min

Emergency Driver

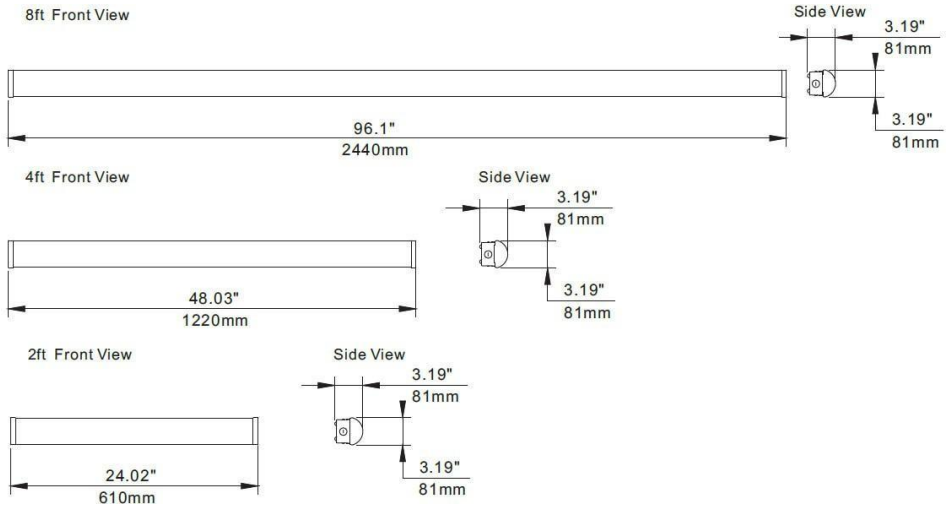
Model No.	Input Voltage	Emergency Time	Output Voltage	Output Power
BLD-YMR08H-300	100-347 V AC	1.5H	20-300VDC	8W

HONYA Lighting

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LED LINEAR STRIP – LS100 Series

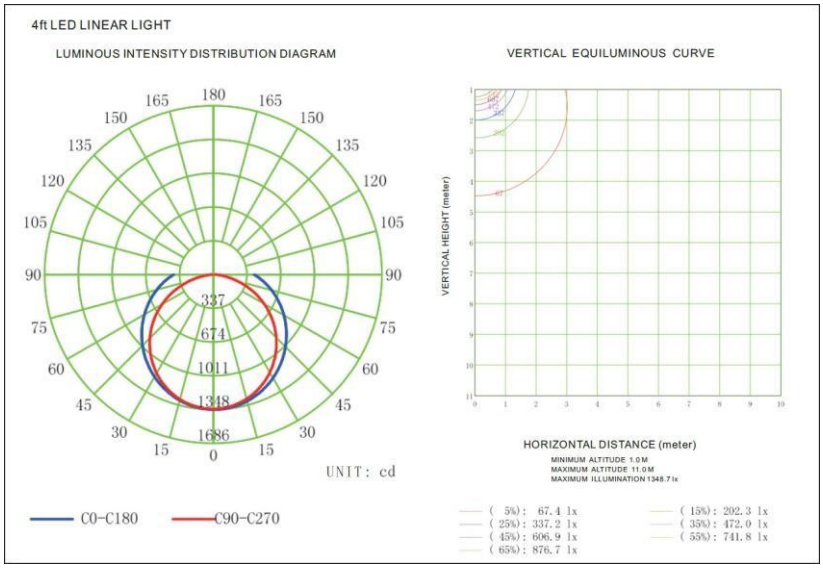
DIMENSIONS



PACKAGE INFORMATION

Model. No.	HY-2FT-LS100-20W-3CCT	HY-4FT-LS100-3W3CCT HY-4FT-LS100-80WHV-3W3CCT	HY-8FT-LS100-3W3CCT HY-8FT-LS100-H-3W3CCT
Size	2FT	4FT	8FT
QTY/PACK	4PCS/PACK		
Package Size	640X190X195mm 25.2"X7.48"X7.68"	1285X190X195mm 50.59"X7.48"X7.68"	2505X190X195mm 98.62"X7.48"X7.68"
Package Weight	4.5kg/21.83 lbs	9.9kg/21.83 lbs	18.6kg/41.01 lbs
Package CBM	0.023712	0.047609	0.09281
40GP Capacity	~9780PCS	~4870PCS	~2490PCS
40HQ Capacity	~11470PCS	~5710PCS	~2930PCS
45HQ Capacity	~13150PCS	~6550PCS	~3360PCS

PHOTOMETRIC REPORT



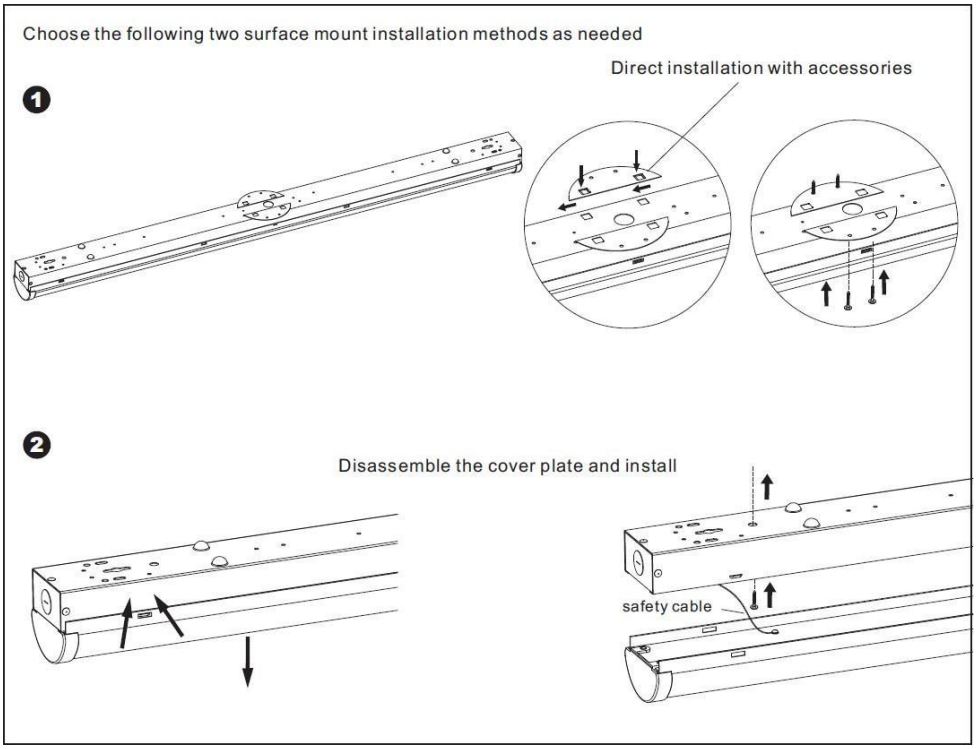
HONYA Lighting

Project Name: _____
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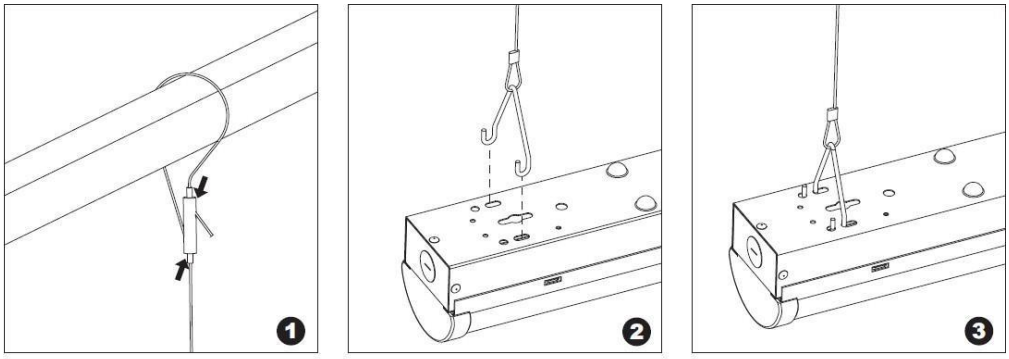
LED LINEAR STRIP – LS100 Series

INSTALLATION

Surface Mount Installation



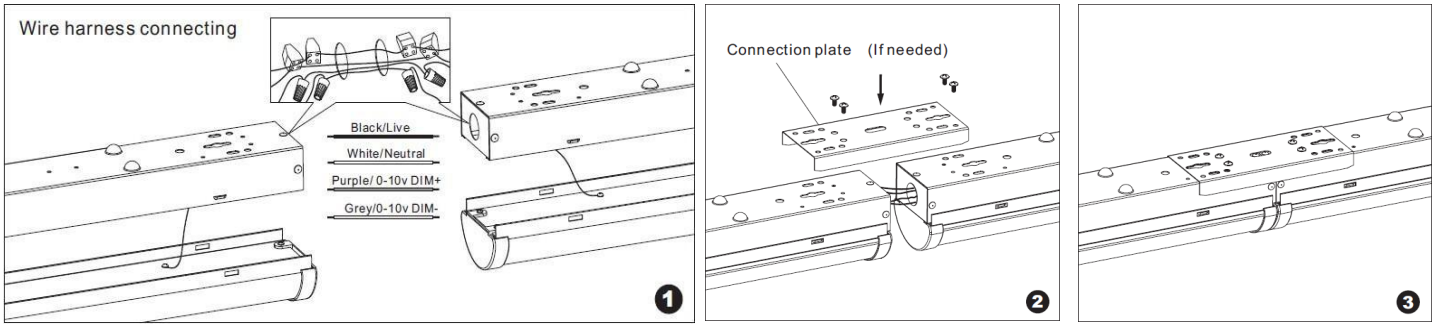
Suspension Installation



The upper connection

Connection to the luminaire

Connection Installation



HONYA Lighting

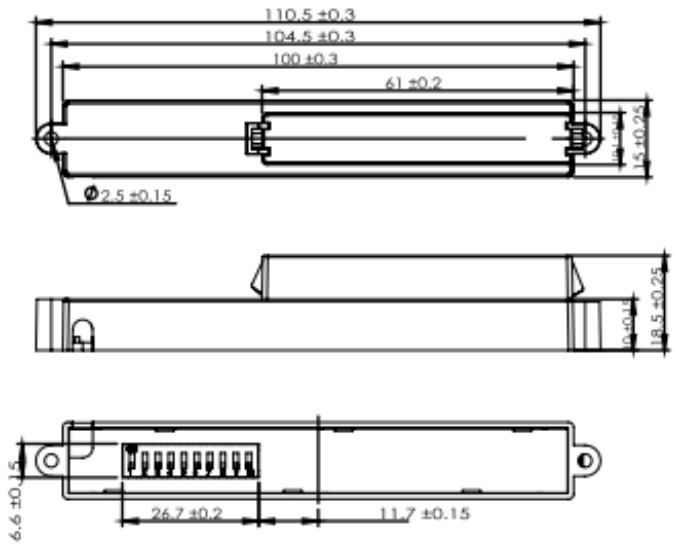
Project Name: _____
Date: _____ Note: _____

LED LINEAR STRIP – LS100 Series

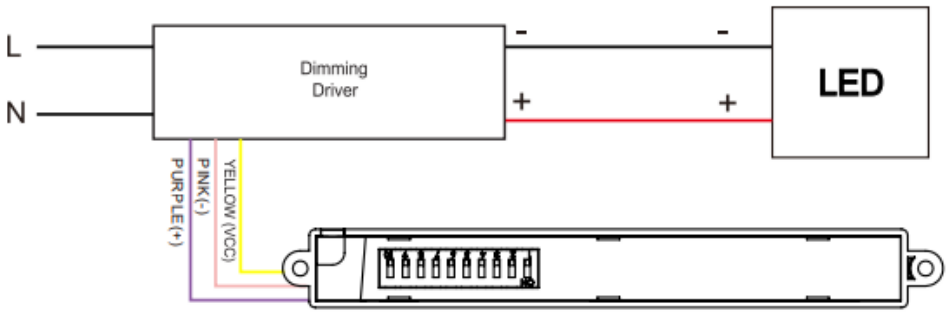
BUILT-IN MOTION SENSOR

ANT-3B-2





Wiring Diagram

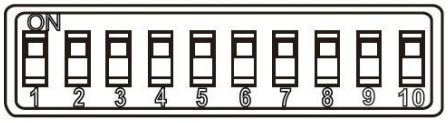


SPECIFICATIONS

Power supply	12V–24V DC, >50mA
HF System	5.8GHz±75MHz
Dim control output	0-10V, max. 25mA sinking current
Detection radius/angle	Max 17ft.(5.2m)/360°
Mounting height	Max 13ft(4m)
Remote range	50ft. (15m) indoor, no backlight
Humidity	Max. 95% RH
Temperature	-40°F ~ 158°F (-40°C ~ 70°C)

PARAMETER SETTING BY DIP SWITCH

Consider the picture: 1, 2 set sensitivity: 3, 4 set hold time; 5, 6 set the lux;
7, 8 stand-by light level 9, 10 set stand-by time;





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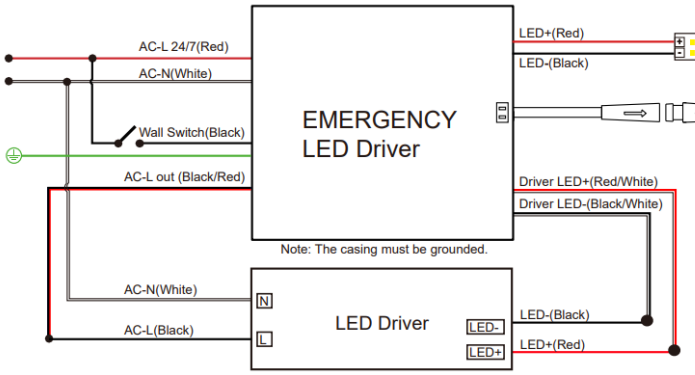
LED LINEAR STRIP – LS100 Series

BUILT-IN EMERGENCY DRIVER



Model Number	Input Voltage	Output Voltage	Output Power	Charging Time	Battery Capacity
BLD-YMR08H-300	100-347V AC, 50/60Hz	20-300Vdc	8W	24 Hours	Li-ion battery

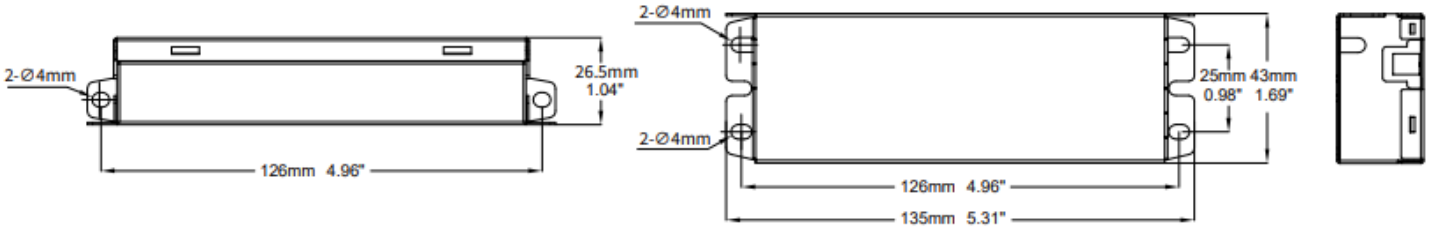
Wiring Diagram



1.1.DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
2.THE GROUND WIRE MUST BE STRUCTURALLY EARTHED.
3.TEST ACCESSORY LEADS-OBSERVE PROPER POLARITY WIRING.
4.IN EMERGENCY MODE,PRESS TEST SWITCH TWICE TO CUT OFF THE EMERGENCY STATE BEFOR SHIPMENT AND STORAGE.

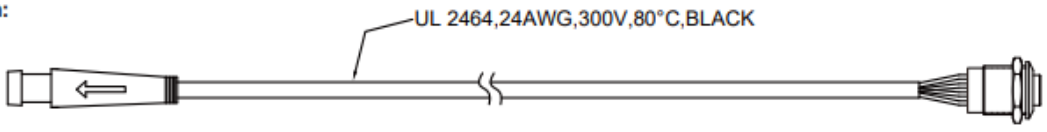
Dimensions

Driver- 5.31"x1.69"x1.04"(135mmx43mmx26.5mm) mounting center-4.96"

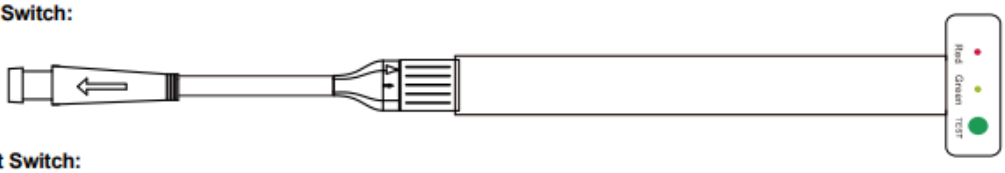


Optional Test Switch

Metal Test Switch:



Skinny Film Test Switch:



2 In 1 Plastic Test Switch:

