

# SC-ASS30/ASS60

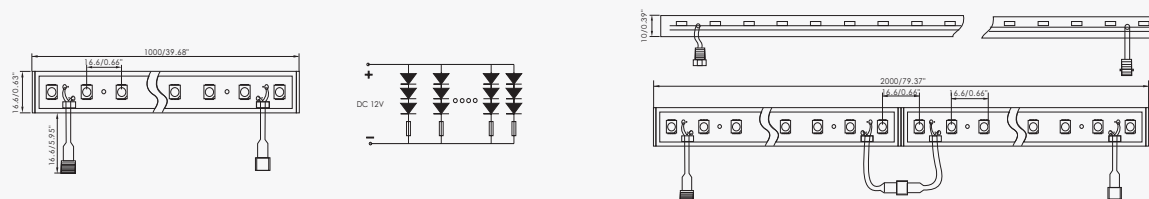
Rigid LED Strip for Wet Location



HUANGS™ I light bar uses multiple-chip LED technology applying on the linear strip light source. The bar produces much higher light efficiency comparing conventional LED strip lighting. Meanwhile it maintains the excellent and harmonious effects thanks to the intellegient electrical design and LED big angle angle. With it you can see the apparent advantages.

- high illumination output value
- the aluminum profile is with nice coating treatment so it looks elegant
- the light is strong but spreads softly, no "light dots" appear
- long operating/working life span, averagely 50,000 + hrs
- fixing bracket and cable end-cap provided. A whole installation backup system.
- IP65 waterproof, UV resistant, suitable for indoor and outdoor use.
- impact shape and reasonably low weight
- vibration free

Dimension drawing (Unit:mm/inch)



## APPLICATIONS

- cove light, ceiling light
- architectural lights for canopy, corridor, window, archway
- stair/walkway lights
- back or edge lights of illumination box, panel, signage
- door courtesy lighting
- indoor accent lighting
- under or in cabinet lighting
- furniture lighting
- automotive dash light, limo interior decoration
- lights for showcase, shop window
- exhibition, fair, events highlight
- path & contour marking
- parking lot lighting
- general light replacement
- emergency exit path lighting
- lighting for cinemas, theatres, museum, yachts, transit bus
- landscape lighting



indoor power supply



## about assembly

Adequate and proper power supply should be applied to run HUANGS™ bars. Power supply with voltage DC 15V+ is not allowed to use. User can calculate the power consumption according to the electric data, then decide what power supply should be applied. Signcomplex offers IP power supplies 12V@30W and 12V@60W for outdoor operation. For indoor application, customer can choose 12V@1A, 2A, 3A... even 12V@300W. 5 meters are recommended as the reasonable connection length of the bars. If more bars connected, the brightness will be quite lower.



IP power supply

Controller is necessary to run RGB versions. SC-WC1, - WC2, WC3 (if DMX) are recommended.

## Technical parameters

Model Number	Color	Length (m)	LED Qty	LED Type	Light Output (lumen)	Beam Angle (degrees)	Voltage (V DC)	Current (Amps)	Max. Power Consumption (W)	IP	Continuous Connection (m)
SC-ASS30-R	Red	0.5	30	5050 SMD LED	270	120	12	0.6	7.2	65	5
SC-ASS30-Y	Yellow	0.5	30		300	120	12	0.6	7.2	65	5
SC-ASS30-B	Blue	0.5	30		180	120	12	0.6	7.2	65	5
SC-ASS30-G	Green	0.5	30		360	120	12	0.6	7.2	65	5
SC-ASS30-W	White	0.5	30		500	120	12	0.6	7.2	65	5
SC-ASS30-WW	Warm White	0.5	30		400	120	12	0.6	7.2	65	5
SC-ASS30-RGB	RGB	0.5	30		120	120	12	0.6	7.2	65	5
SC-ASS60-R	Red	1.0	60		540	120	12	1.2	14.4	65	5
SC-ASS60-Y	Yellow	1.0	60		600	120	12	1.2	14.4	65	5
SC-ASS60-B	Blue	1.0	60		360	120	12	1.2	14.4	65	5
SC-ASS60-G	Green	1.0	60		720	120	12	1.2	14.4	65	5
SC-ASS60-W	White	1.0	60		1000	120	12	1.2	14.4	65	5
SC-ASS60-WW	Warm White	1.0	60		800	120	12	1.2	14.4	65	5
SC-ASS60-RGB	RGB	1.0	60		240	120	12	1.2	14.4	65	5

## Safety Information

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- The strip itself and all its components may not be mechanically stressed.
- Assembly must not damage or destroy conducting paths on the circuit board.
- Installation of LED ribbon (with power supplies) needs to be made with regard to all applicable electrical and safety standards. Only qualified personnel should be allowed to perform installations.
- Correct electrical polarity needs to be observed. Wrong polarity may destroy the strip.
- Parallel connection is highly recommended as safe electrical operation mode.
- Serial connection is not recommended. Unbalanced voltage drop can cause hazardous overload and damage the strip.
- Please ensure that the power supply is of adapters power to operate the total load.
- When mounting on metallic or otherwise conductive surfaces, there needs to be an electrical isolation points between strip and the mounting surface.
- Pay attention to standard ESD precautions when installing the strip.
- Damaged by corrosion will not be honored as a materials defect claim.

It is the user's responsibility to provide suitable protection against corrosive agents such as moisture and condensation and other harmful elements.