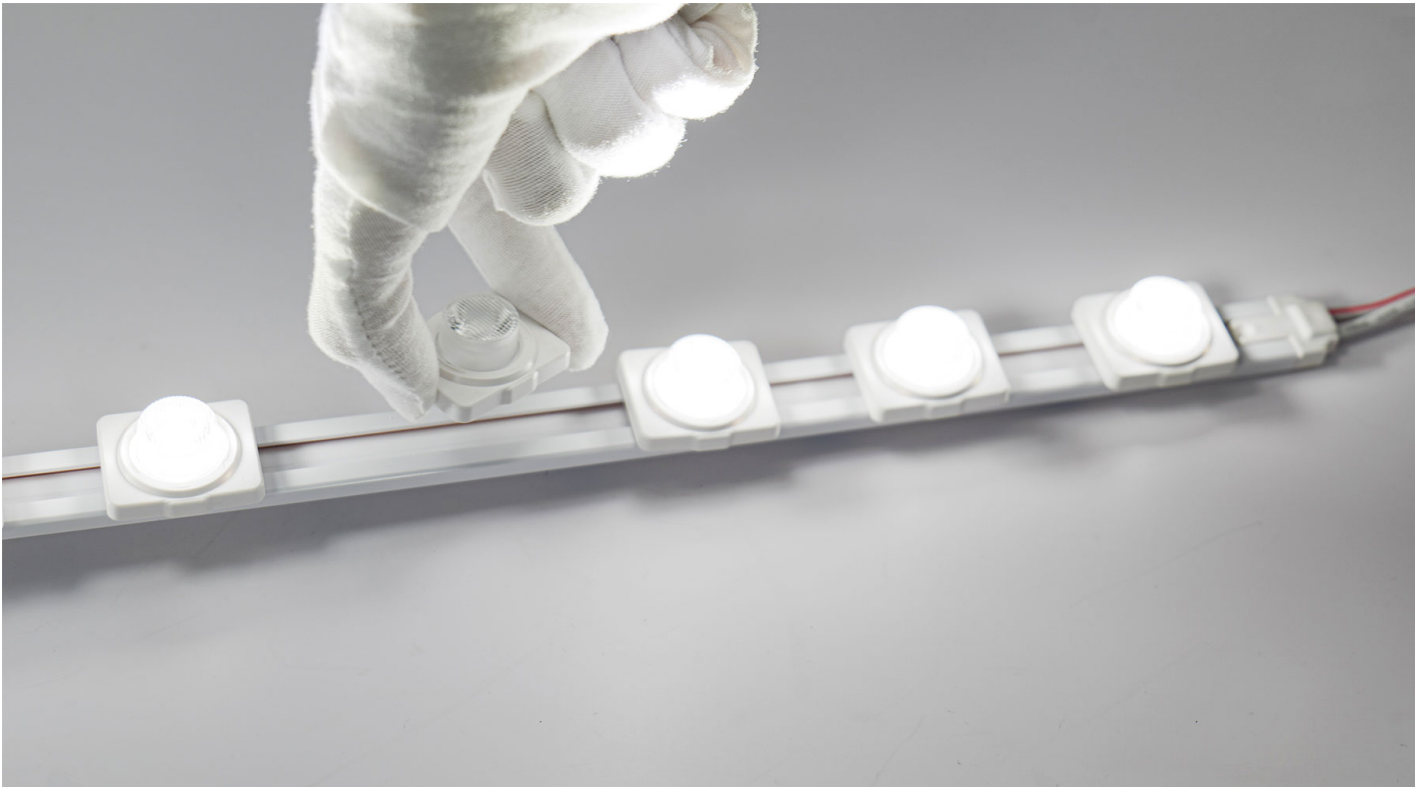
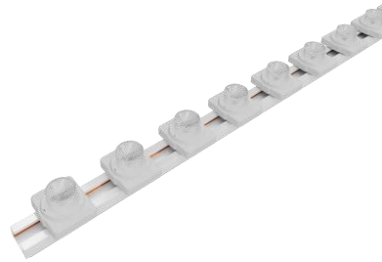




LED TRACK MODULES

Specification Sheet





Product Features:

- ◆ Effortless twist-on installation to PVC linear track systems
- ◆ Scalable with up to 20 modules per track
- ◆ Vibrant and uniform illumination
- ◆ Energy-efficient LED technology
- ◆ Durable construction for long-lasting performance
- ◆ Versatile for various backlit graphics box applications
- ◆ Sustainable and cost-effective

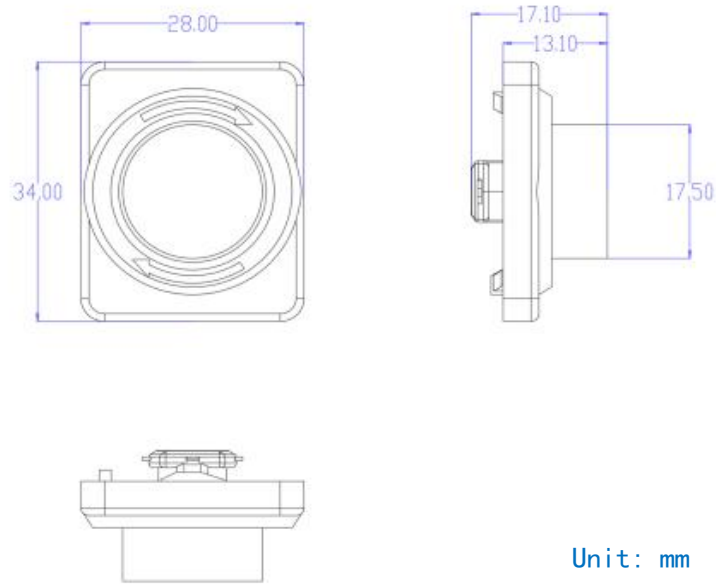
Application:

- ◆ Tradeshow
- ◆ Exhibit
- ◆ Retail Displays
- ◆ SEG Graphics Box

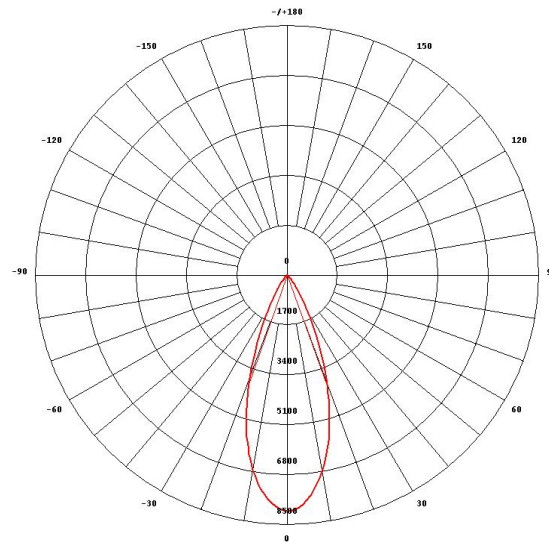
Parameters:

Item SKUs	LED Color	CCT (K)	CRI Ra	Color tolerance SDCM	Beam Angle (°)	Luminous Flux (lm)	Lighting effect (lm/W)	Input Voltage (V DC)	Current (mA)	Power (W/pcs)
EL-Q10-MOD-30K EL-Q10-MOD-40K EL-Q10-MOD-65K	White	3000 4000 6500	≥80	≤5	50	120	80	12	125	2
EL-Q10-MOD-RD EL-Q10-MOD-BL	Red Blue	/	≥80	≤5	50	30	25	12	100	2
EL-Q10-MOD-GR	Green	/	≥80	≤5	50	70	60	12	100	2

LED Track Module Dimension:



Light distribution curve / isolux diagram:



Module Layout Density Guidelines:












Lightbox thickness DH (mm)	LED Spacing DS (mm)	Layout Density PCS/m ²	Surface illumination (DW=1M)LUX
60	40	50	1100-1200
80	50	40	850-950
100	60	33	700-800
120	70	28	600-700
160	80	25	500-600

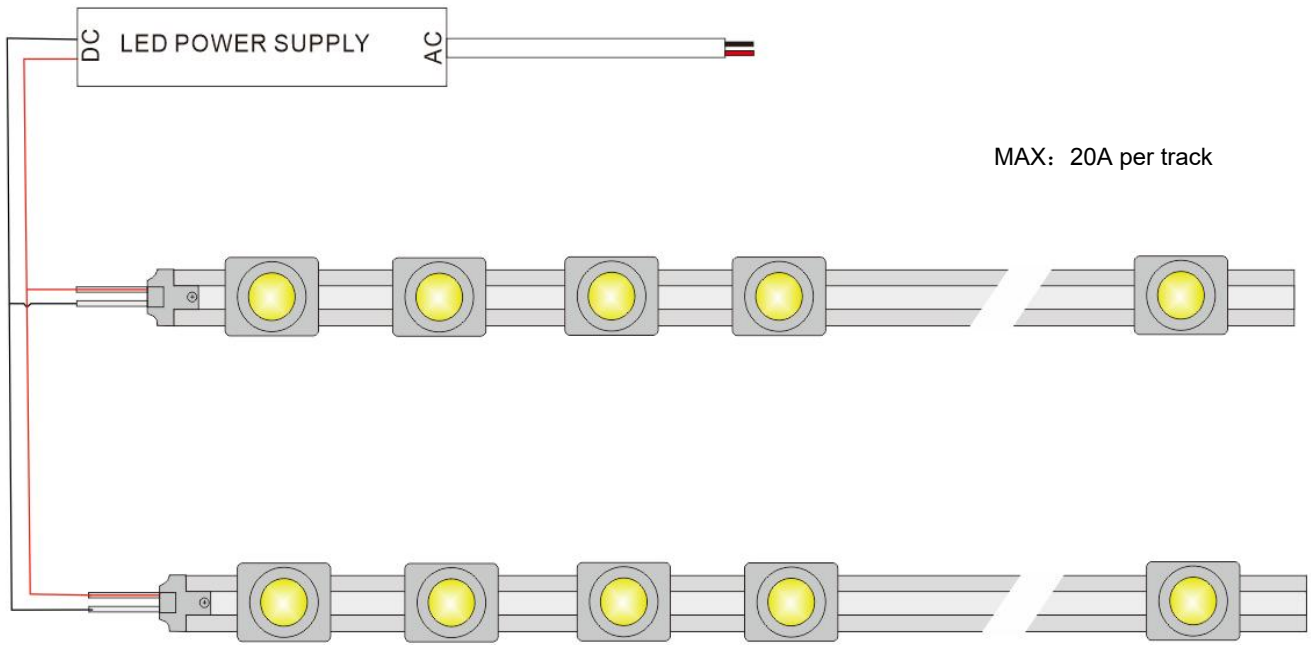
Remark:

- (1)The above lighting data is tested by the corresponding product 6500K color temperature.
- (2)The track modules are installed on both sides of the light box, using white color light box banner with a light transmittance of 30%.

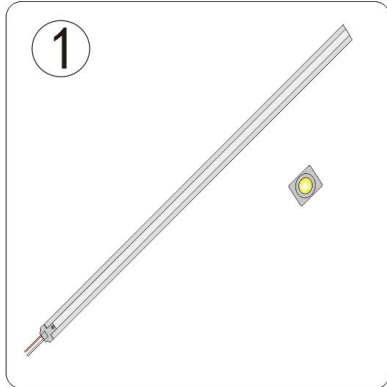
Accessories (Option):

Accessory	Image	Order SKUs	Function
LED Mini Track		EL-Q10-TRK	Fixed led modules and connect the module to take power
LED Mini Track Adapters		EL-Q10-SM4 0.5 meter sheathed cable	LED modules take power through rail connectors 
		EL-Q10-SM8 0.5 meter 18 AWG cable	
LED Mini Track Power Feed		EL-Q10-PF-14AWG 0.5 meter 14 AWG cable	Connect the Power supply to Rail 
		EL-Q10-PF-18AWG 0.5 meter 18 AWG cable	
End Cap		EL-Q10-EC	Insulation protection/prevention of exposed copper
Direct Joiner		EL-Q10-DJ	LED Mini Track extension connector Max length of the extendable guide rail: 20 meters The load current is 20 amps max

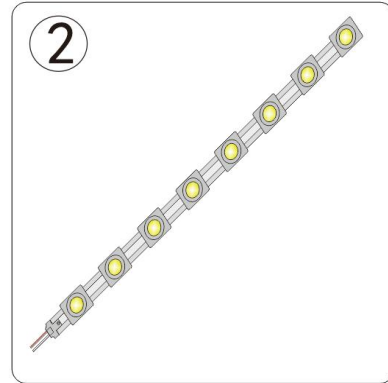
Connection Diagram:



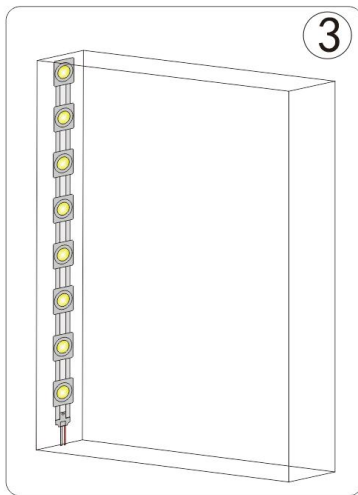
Installation Step:



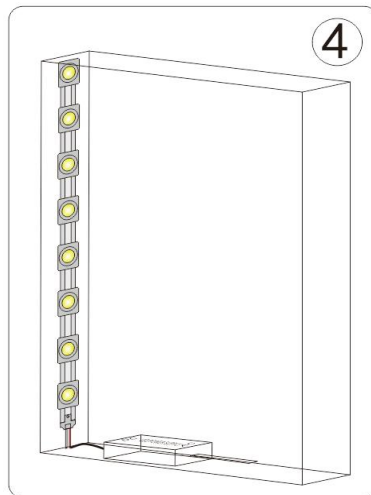
1. Use a ruler to measure the length of the light box, and match the guide rail of the corresponding length according to the measured length for the light box.



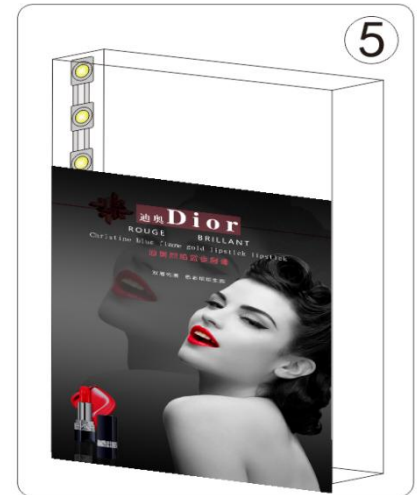
2. Refer to the led module layout data to install the guide rail module. After installation, connect the straight guide rail connector to the guide rail to test whether the module works normally.



3. Clean the debris on the installation surface of the lightbox frame, tear off the back tape of the guide track, and stick the two guide rails on both sides of the light box.



4. Connect the track power connectors on both sides to the power supply. Then power on to test whether the led modules will illuminate.



5. After test, then install the SEG graphics on the light box.