

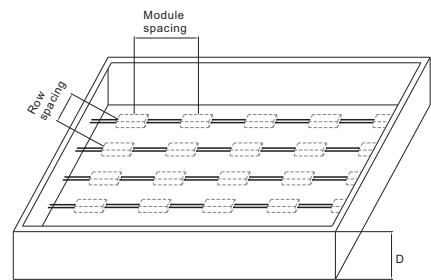
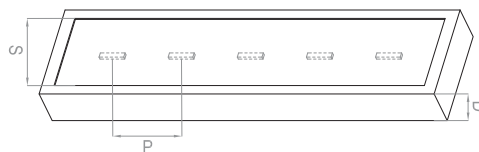


Features

- Uniform Illumination achieved by excellent lens
- 145lm/watt@6500K(Colour temperature can be customized)
- 7 years warranty
- Constant current technology

Applications

- Created For Lightbox or Deep Facades
- Created For Large Channel Letters



Framless Lightbox

Large Channel Letter

Performance+	Depth (mm)	Distance (mm)	Density (pcs/m ²)	Illumination (Lux)	Luminous Intensity (cd/m ²)	Surface Brightness Difference	Uniform Light Rank
	D=100	P=300,S=100	14	2100	610	5%-10%	Good
	D=100	P=300,S=50	27	3550	1000	5%	Best
	D=100	P=300,S=200	7	1560	450	10%-15%	OK
	D=120	P=300,S=120	11	1900	550	10%-15%	OK
	D=120	P=300,S=60	22	2350	615	10%-15%	OK
	D=120	P=300,S=240	6	1280	360	5%-10%	Good

Population Density in Lightbox and Deep Facade

Performance+	Depth (mm)	Distance (mm)	Density (pcs/m ²)	Illumination (Lux)	Luminous Intensity (cd/m ²)	Surface Brightness Difference	Uniform Light Rank
	D=150	Module spacing=300, Row spacing=250	14	1760	470	5%-10%	Good
	D=180	Module spacing=300, Row spacing=250	14	1700	450	5%-10%	Good

1.Channel Letter & Lightbox

- 3mm thickness acrylic(light transmission ratio:50%) is used for testing the face intensity and uniformity on illuminated channel letter.
- Extension fabric(light transmission ratio:70%) is used for testing the face intensity and uniformity in lightbox.

2.Uniform Lighting Rank Standard & Surface Brightness Difference Standard

- Best: The difference of area brightness is less 5%. Perfect uniform light. Many lumen are wasted.
- Good: The difference of area brightness is from 5%~10%. Good uniform light. No lumen are wasted.
- Ok: The difference of area brightness is from 10%~20%. Feel light shadow on far edge of light but ok.

3.Test Condition

- 3mm Depth Mitsubishi White Acrylic. Other face materials may vary light uniformity and brightness.
- The color temperature is 6500K.

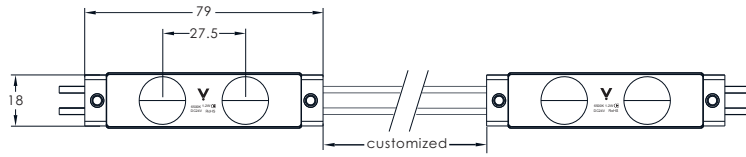
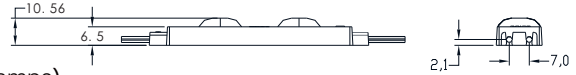


Specification

V-Performance Plus Module

Dimensions

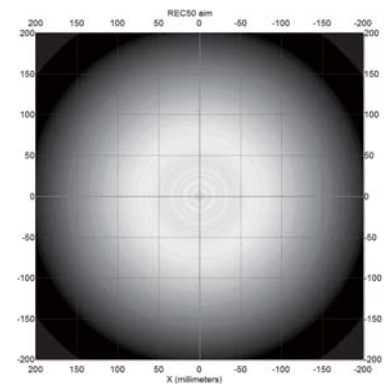
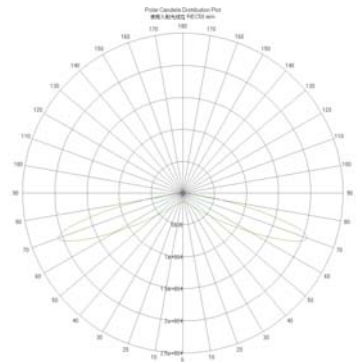
Length : 79mm
 Width : 18mm
 Thickness : 10.56mm
 Lamp pitch :27.5 mm (2 LED Lamps)



General Information

DC22~26V Voltage Range	1.2 watt Power	174Lm Luminous Flux	PWM/DALI Dimmable	160° View Angle	(L)79*(W)18*(H)10.56mm Size	≤5% Lumen Difference Between First and Last	
66 IP	7 year Warranty	-40 ~ 85°C Operation Temperature	8.7m Max Run Length	75 Ra	79 R9	89 Rf	98 Rg
3 Macadam ellipse	Mounting Profile M3 Screw 3M VHB 4950 Tape Mounting	CE/RoHS Certificate	30pcs/m ² Density	Connector Accessory	2700K 3000K 3500K 4000K 5000K 6500K Light Color	94V-2 Flame Resistance	

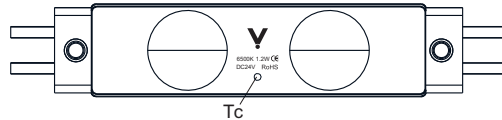
Light Distribution



Standards&Certificates

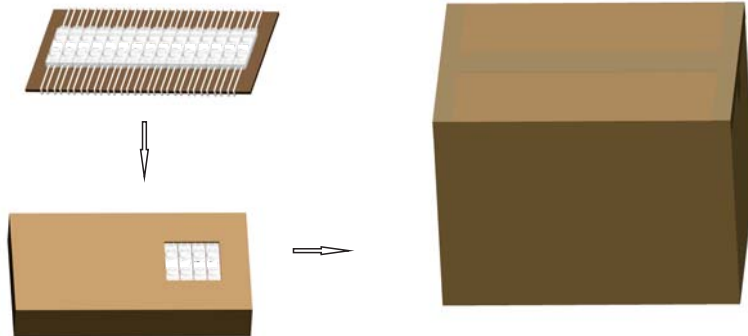
EN 61547/2009
 EN 62031/2008
 EN 62471/2006
 C22.2 No. 207-M89-Canadian Standard for Portable and Stationary Electric Signs and Displays

Thermal behavior



operation temperature (operation, no defects)	ta	- 40 → + 85 ° C
storage temperature	ts	- 40 → + 85 ° C
max. temperature tc point	tc	85 ° C

Packing



	Qty of LED module	Qty of Chain	Dimension (mm)	Net weight(kg)	Gross Weight(kg)
Inner Box	30pcs(9 meters)	1	270*150*46	0.51	0.59
Master Box	480pcs(144 meters)	16	400*300*320	8.20	10.50



Visive Group(Guangzhou)Commercial Lighting Co.Ltd

Rm. 1707,Tianyin Plaza,No.439 Zhongshan Avenue,Tianhe District,Guangzhou,China
www.visivegroup.com