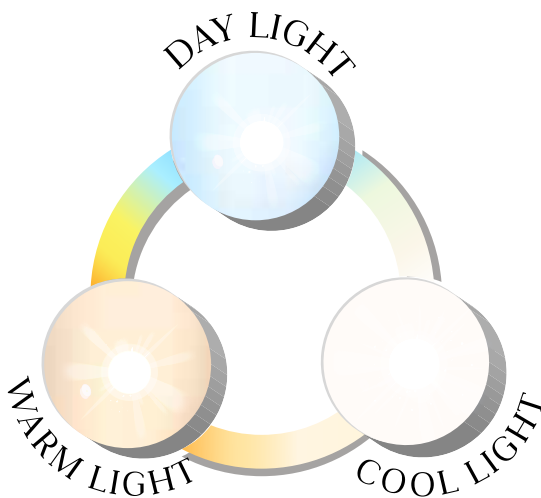


Stretch Ceiling **Lighting**

Powered by Motion-tech



3 Selectable lights



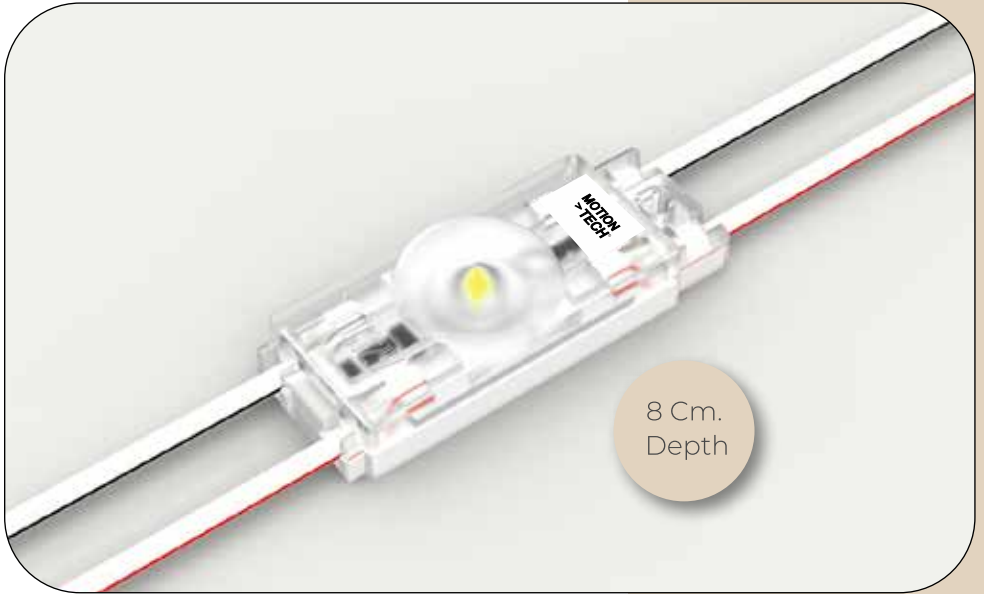
SCAN ME



Motion-tech Asia

Hong Kong - Laos - Cambodia - Myanmar
Vietnam - Philippines - Singapore - Malaysia - France

Led module T1



8 Cm.
Depth

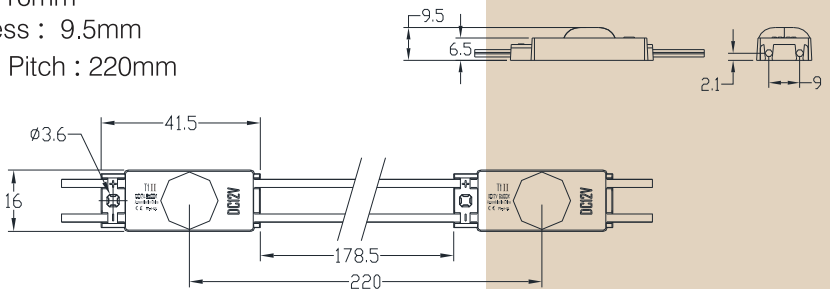
Applications

Electronic Stores stretch ceiling, Museums stretch ceiling
Lounges and Lobbies stretch ceiling, Fashion Store stretch ceiling

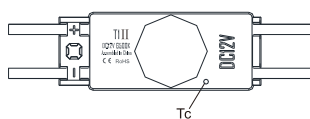
DC12V Voltage Range	1Watt Power	160° view angle	7 year Warranty	27 pcs/m ² Density	1300(1000)LUX Surface illumination
20x18cm. LED Module Spacing	2700K 4000K 5000K 6500K Available Colors	-40—85°C Operation Temperature	CE RoHS	11m Max Run Length	

Dimensions

Length : 41.5mm
Width : 16mm
Thickness : 9.5mm
Module Pitch : 220mm



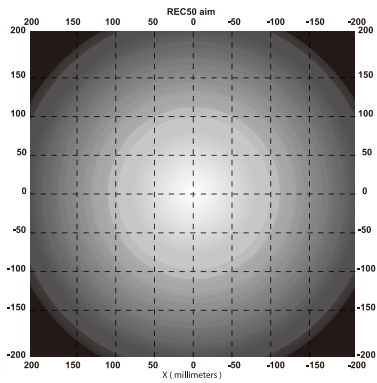
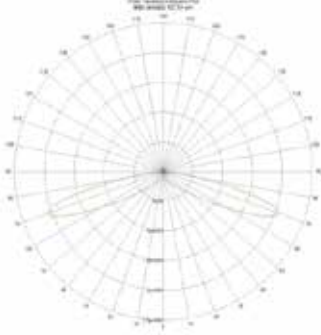
Thermal Behavior



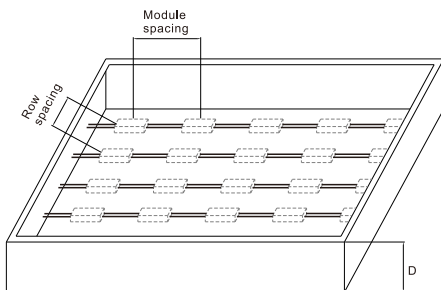
operation temperature (operation, no defects)	ta	- 40 → + 85 ° C
storage temperature	ts	- 40 → + 85 ° C
max. temperature tc point	tc	85 ° C



Light Distribution



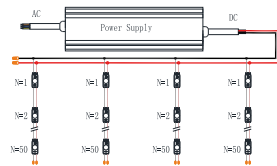
Layout



Lightbox

Wiring

IND04WDLCC



Population Density in Lightbox

Depth (mm)	Distance (mm)	Density (pcs/m ²)	Illumination (Lux)	Luminous Intensity (cd/m ²)	Surface Brightness Difference
D=80	Module spacing=180. Row spacing=180	35	1900	520	5%-10%
D=100	Module spacing=200. Row spacing=200	25	1300	365	5%-10%

Led module T2



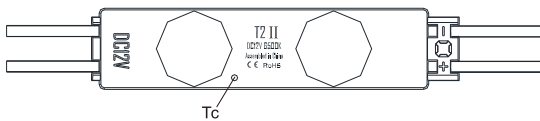
10 Cm.
Depth

Applications

Electronic Stores stretch ceiling, Museums stretch ceiling
Lounges and Lobbies stretch ceiling, Fashion Store stretch ceiling

DC12V Voltage Range	2 Watt Power	160° view angle	7 year Warranty	25 pcs/m ² Density	2600(2100)LUX Surface illumination
20 x 20 cm. LED Module Spacing	2700K 4000K 5000K 6500K Available Colors	94V-2 Flame Resistance	CE RoHS	8.7m Max Run Length	

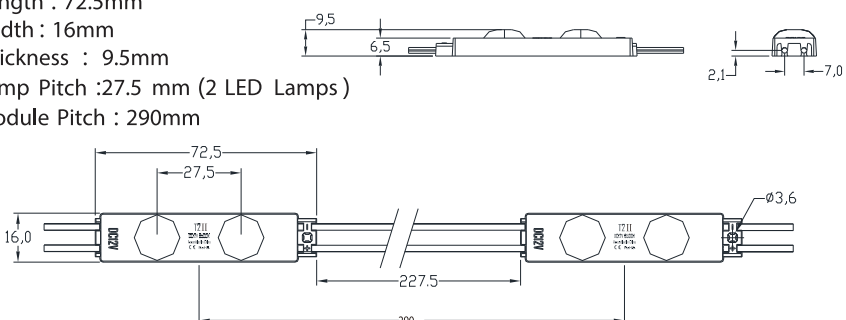
Thermal Behavior



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

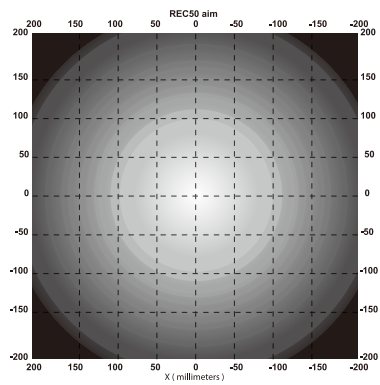
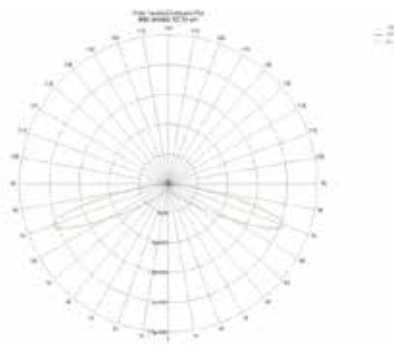
Dimensions

Length : 72.5mm
Width : 16mm
Thickness : 9.5mm
Lamp Pitch :27.5 mm (2 LED Lamps)
Module Pitch : 290mm

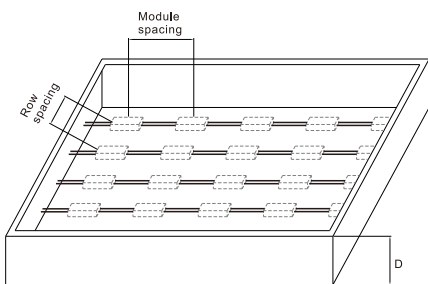




Light Distribution

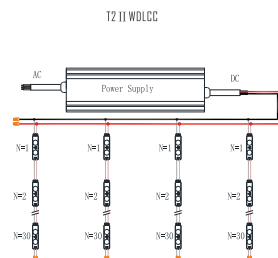


Layout



Lightbox

Wiring



Population Density in Lightbox

Depth (mm)	Distance (mm)	Density (pcs/m ²)	Illumination (Lux)	Luminous Intensity (cd/m ²)	Surface Brightness Difference
D=100	Module spacing=200, Row spacing=200	25	2700	730	5%-10%
D=120	Module spacing=250, Row spacing=180	20	2000	540	5%-10%

Led module T3



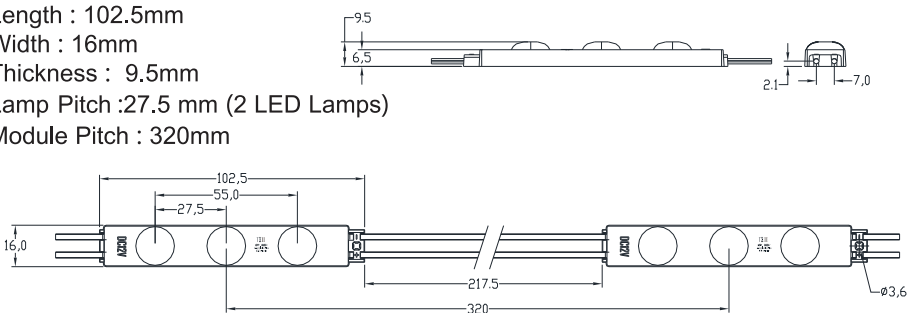
Applications

Electronic Stores stretch ceiling, Museums stretch ceiling
Lounges and Lobbies stretch ceiling, Fashion Store stretch ceiling

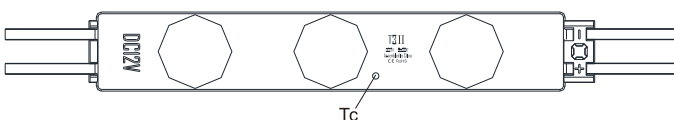
DC12V Voltage Range	3 Watt Power	160° view angle	7 year Warranty	13pcs/m ² Density	2000(1600)LUX Surface illumination
25×32cm LED Module Spacing	2700K 4000K 5000K 6500K Available Colors	94V-2 Flame Resistance	CE RoHS	6.4m Max Run Length	

Dimensions

Length : 102.5mm
Width : 16mm
Thickness : 9.5mm
Lamp Pitch :27.5 mm (2 LED Lamps)
Module Pitch : 320mm



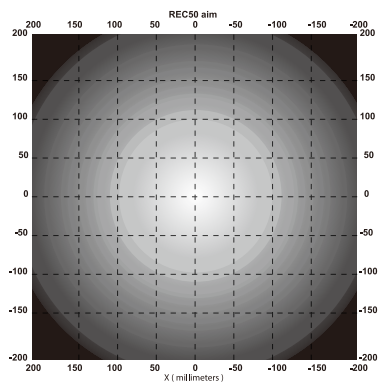
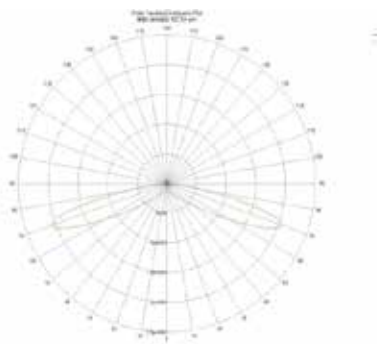
Thermal Behavior



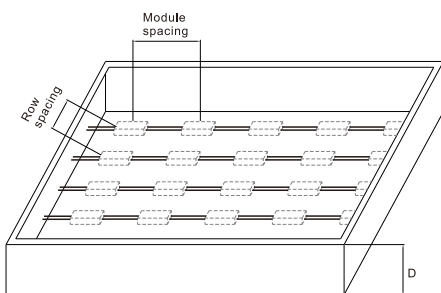
operation temperature (operation, no defects)	ta	- 40 → + 85 ° C
storage temperature	ts	- 40 → + 85 ° C
max. temperature tc point	tc	85 ° C



Light Distribution

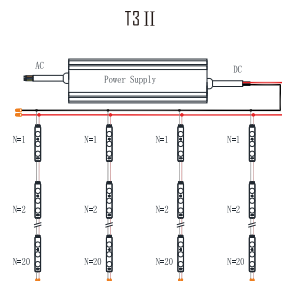


Layout



Lightbox

Wiring



Population Density in Lightbox

Depth (mm)	Distance (mm)	Density (pcs/m ²)	Illumination (Lux)	Luminous Intensity (cd/m ²)	Surface Brightness Difference
D=100	Module spacing=200, Row spacing=200	25	4000	1100	10%-15%
D=120	Module spacing=250, Row spacing=180	20	3000	810	5%-10%
D=150	Module spacing=280, Row spacing=200	13	2000	575	5%-10%

Led module TT4 (Tunable white: 2700 ~ 6500k)



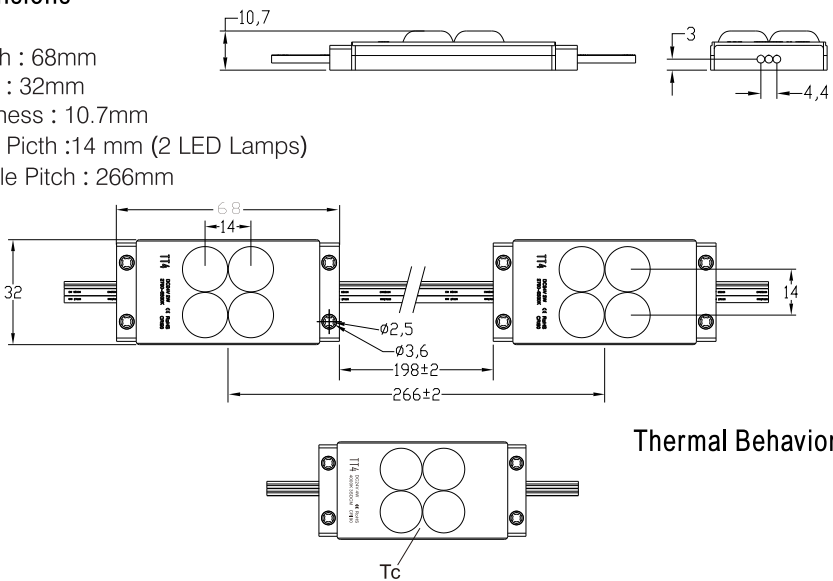
Applications

Translucent surface backlighting for architectural and decorative applications
 Translucent materials like Stone/Glass/Wood/Resin/Fabric

DC24V Voltage Range	2Watt Power	150° view angle	7 year Warranty	15pcs/m ² Density	UL94 Flame Resistance
PWM Dimmable	2700K~6500K Available Colors	-40—85°C Operation Temperature	CE RoHS	7.98m Max Run Length	

Dimensions

Length : 68mm
 Width : 32mm
 Thickness : 10.7mm
 Lamp Pitch :14 mm (2 LED Lamps)
 Module Pitch : 266mm

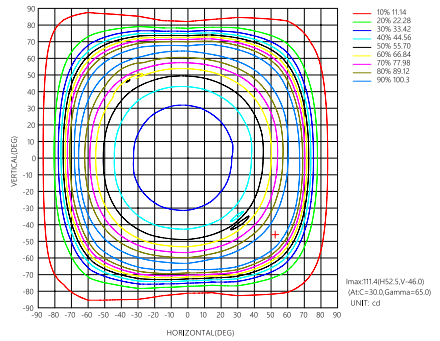
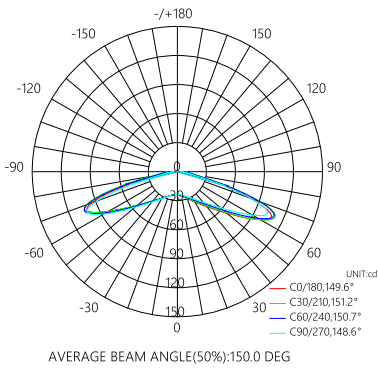


Thermal Behavior

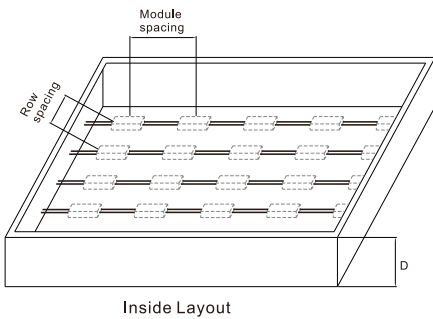
operation temperature (operation, no defects)	ta	- 40 → + 85 ° C
storage temperature	ts	- 40 → + 85 ° C
max. temperature tc point	tc	70 ° C



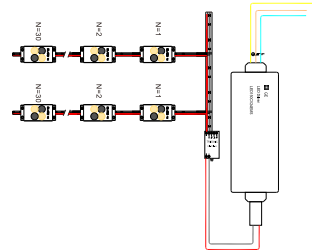
Light Distribution



Layout



Wiring



Population Density

Depth (mm)	Distance (mm)	Density (pcs/m ²)	Illumination (Lux)	Luminous Intensity (cd/m ²)	Surface uniformity
D=120	Module spacing=160, Row spacing=160	39	2900	783	5%-10%
D=150	Module spacing=200, Row spacing=180	28	2100	567	5%-10%
D=180	Module spacing=240, Row spacing=220	23	1550	420	5%-10%
D=200	Module spacing=266, Row spacing=250	15	900	245	5%-10%

Led module TS



6 Cm.
Depth

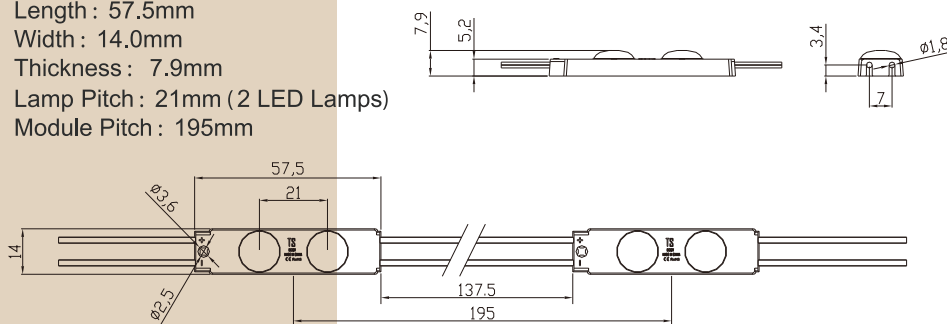
Applications

Electronic Stores stretch ceiling, Museums stretch ceiling
Lounges and Lobbies stretch ceiling, Fashion Store stretch ceiling

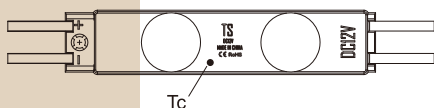
DC12V Voltage Range	0.72 Watt Power	160° view angle	7 year Warranty	45pcs/m ² Density	1700(1400)LUX Surface illumination
15x 15cm. LED Module Spacing	2700K 4000K 5000K 6500K Available Colors	3M VHB 4950 Mounting	CE RoHS	7.8m Max Run Length	

Dimensions

Length : 57.5mm
Width : 14.0mm
Thickness : 7.9mm
Lamp Pitch : 21mm (2 LED Lamps)
Module Pitch : 195mm



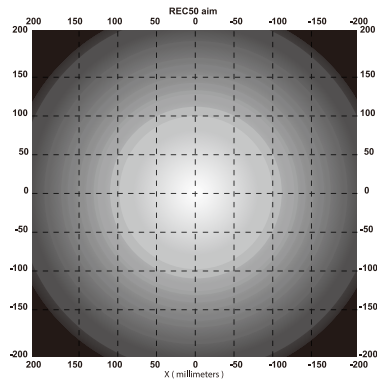
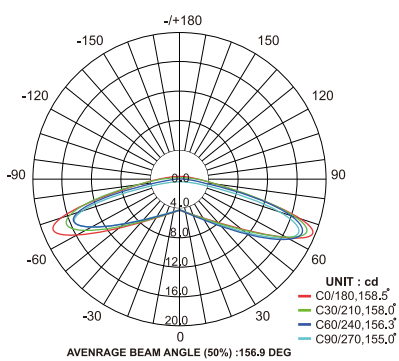
Thermal Behavior



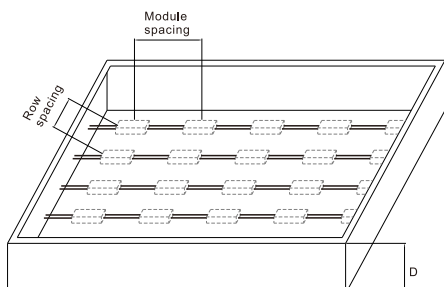
operation temperature (operation, no defects)	ta	- 40 → + 85 ° C
storage temperature	ts	- 40 → + 85 ° C
max. temperature tc point	tc	85 ° C



Light Distribution

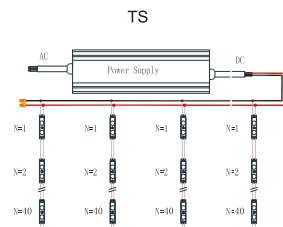


Layout



Lightbox

Wiring



Population Density in Lightbox

Depth (mm)	Distance (mm)	Density (pcs/m ²)	Illumination (Lux)	Luminous Intensity (cd/m ²)	Surface Brightness Difference
D=60	Module spacing=150, Row spacing=150	45	2000	550	5%-10%
D=80	Module spacing=195, Row spacing=195	27	1200	330	5%-10%
D=100	Module spacing=195, Row spacing=260	20	900	250	5%-10%

The World of Stretch

Lighting Warranty 7 years

Stretch ceiling

* PVC Film(light transmission fatcor:70%)is used for testing the face intensity and uniformity on Stretch ceiling, Other face materials may vary light uniformity and brightness.

Test Condition

* 4000K/CRI90 LED Module as lighting source.

Reference

* GB 50034-2013:Standard for lighting design of buildings

* Fashion store(high end): 500lux(Desktop level/ 0.75meter)

* Museum: 500lux (Desktop level/ 0.75meter) Meeting room: 300lux (Desktop level/ 0.75meter)

* Surgery:750lux (Desktop level/ 0.75meter) Lounge&Lobby: 200lux(Floor level)

Lux calculation service is available.Please contact our sales

United Arab Emirates



Ceiling Lighting

free maintenance 3 years

Stretch Ceiling (light transmission factor:70%)

ใช้สำหรับทดสอบความเข้มของแสงผ่านตัวฝ้าแรงดึงระบบซิงติ่ง
และความสม่ำเสมอของแสงบนฝ้าเพดานฝ้าแรงดึงระบบฝังตั้ง
วัสดุฝ้าแรงดึงระบบซิงติ่งอื่น ๆ อาจแตกต่างกัน
รวมถึงความสม่ำเสมอของแสงและความสว่างของแสง

Standards & Certificates.

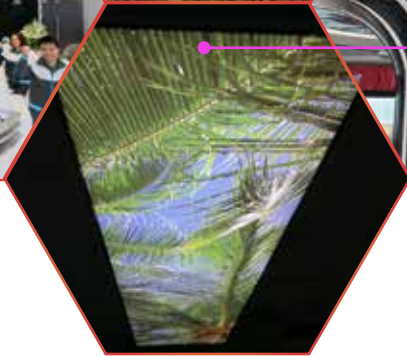
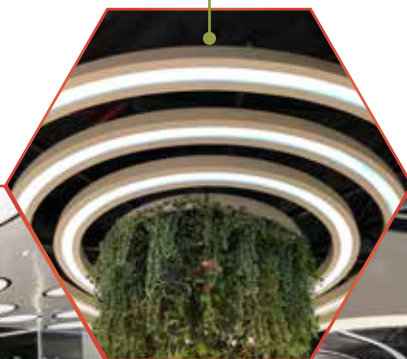
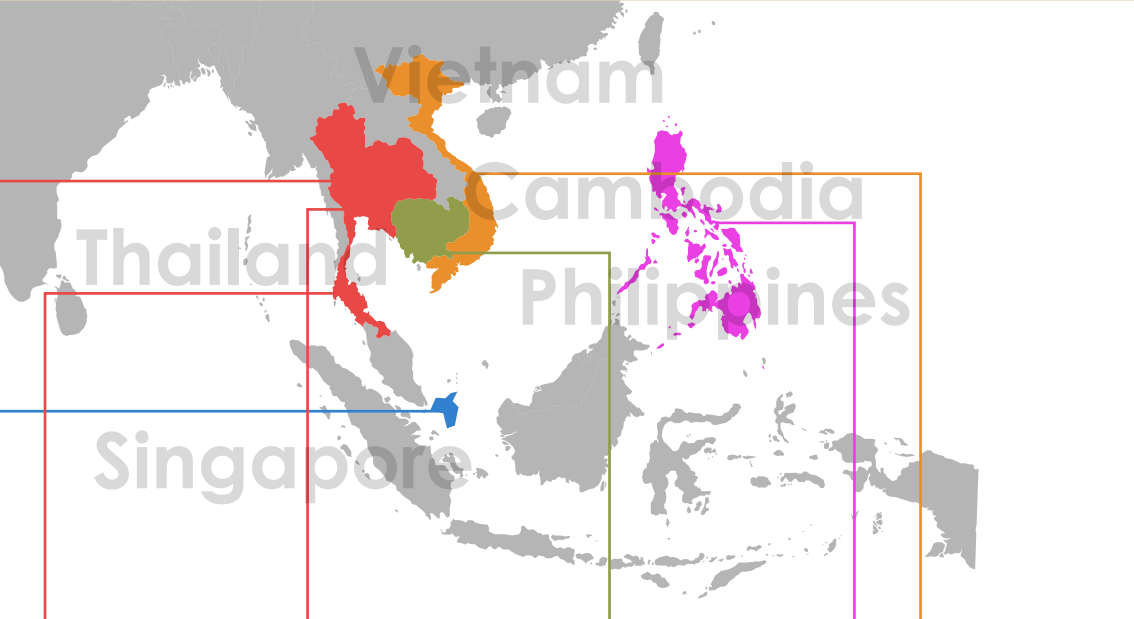
EN 61547/2009

EN 62031/2008

EN 62471/2006

UL879-U.S Standard for Electric Sign Components

C22.2 No. 207-M89-Canadian Standard for Portable and Stationary Electric Signs and Displays





Our





Clients



โมชัน เทคโนโลยี (ไทยแลนด์) จำกัด

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Stretch Ceiling **Lighting**



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