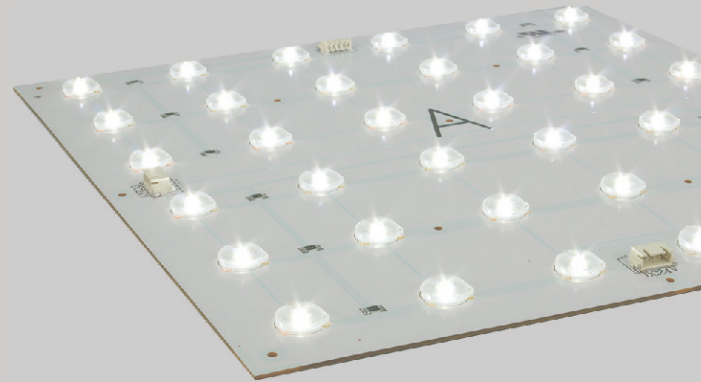
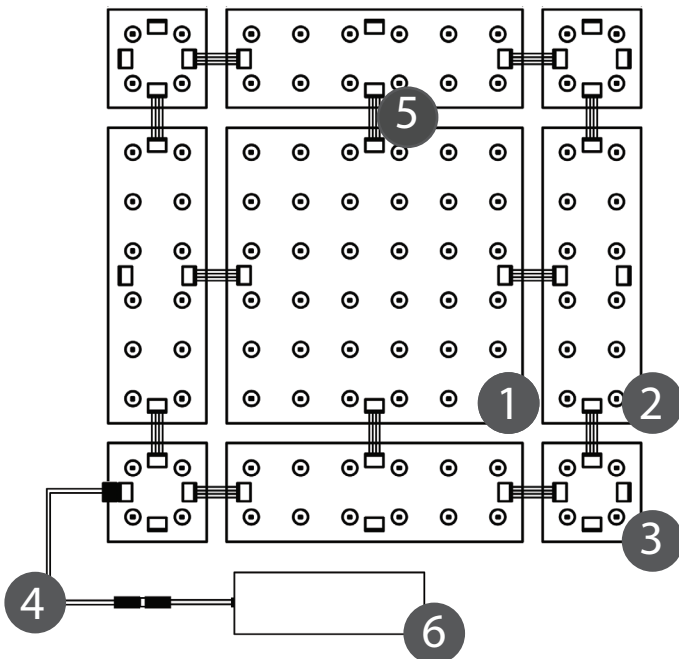


LUMENTILE

the optimal balance of performance and design



System Overview



LumenTile achieves the optimal balance between maximum brightness and affordability without compromising on product finish and quality. This engineering endeavour results in the industry's most performant lighting platform. Due to its modular design, it becomes widely applicable on project of various context and the staple of many award-winning creative design ambition.

1	300mm x 300mm LumenTile
2	300mm x 100mm LumenTile
3	100mm x 100mm LumenTile
4	Starter Cable
5	LumenTile Connector
6	LED Driver



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LumenTile - LT series

Specification Sheet

Features

- With three sizes of tiles, it allows easy installation regardless of project size and shape
- The optical lens on each LED gives wide light emitting angle (160°), which enables a small setback of 1" and consistently high calibrated illumination
- No heat sink needed and minimum setback ensures optimal integration into luminous surfaces
- Multiple options for lumens, CCT and dimming offer the most adaptable illumination for large surface area
- Mounts directly to most common construction material (drywall, plywood, metal frame)

Specifications

General

Location	Indoor, dry location
Operating Temperature	-20 to 60 °C (-4 to 140°F)
Storage LM Temperature	-40 to 100 °C (-40 to 212°F)
Operate Voltage	24V
Base Material	PCB
Emitting Angle	160°

Photometrics

Light Out (lm) / sqft	800, 400, 200
Color Temperature	2700K, 3000K, 3500K, 4000K, 5000K, 6500K
CRI	>80 (>90 available)
Lumen Maintenance	LM80 = 50,000 hours
IES File	Available on lunovas.com



LUNOVAS

LumenTile - LT series

Specification Sheet

Power

Tile Model	Size (mm)	Luminous Flux (lm)	Power (W)
LT-INTS-3x3-800	300 x 300	800	7.2
LT-INTS-3x3-400	300 x 300	400	3.9
LT-INTS-3x3-200	300 x 300	200	2.0
LT-INTS-3x1-800	300 x 100	266	2.4
LT-INTS-3x1-400	300 x 100	133	1.4
LT-INTS-3x1-200	300 x 100	66	0.8
LT-INTS-1x1-800	100 x 100	88	1.2
LT-INTS-1x1-400	100 x 100	44	0.7
LT-INTS-1x1-200	100 x 100	22	0.5

Certifications



Application

Where	Retail, office, hospitality, large surface displays, ceilings, drywalls
How	Nails, double sided tape

Order Code

SAMPLE : LT-INT-S-3X3-800-3000K

Series	Type	Size (mm)	Lumen	CCT
LT	INT-S: internal, single color	3X3: 300x300mm	800 / sq ft: Default (Brightest)	2700K
		3X1: 300x100mm	400 / sq ft: Ultra Bright	3000K
		1X1: 100x100mm	200 / sq ft: High	3500K
				4000K
				5000K
				6500K

LED Driver

Constant Voltage Driver

Model	Output (W)	Input Voltage (V)	Output Voltage (V)	Dimming
SMLD-90-24-NA	90	120-277	24	No
SMLD-90-24-0-10	90	120-277	24	0-10V
SMLD-90-24-TRI	90	120-277	24	Triac

Wireless Dimming System

Wireless smooth dimming with no flickering

Model	Description
WR-RF-4-12-36-5A	RF Wireless Multi-Color 4 Channel Universal Receiver (12-36V input, max 5A)
SC-RC-RF-4	RF 4 Zones Single Color Controller
SC-DS-RF-1	RF 1 Zone Wireless LED Dimmer Switch

Additional Accessories

Model	Description	Purpose
LTAC-SC-6	Starter Cable (6FT)	Cable that connects the primary tile to driver
DC-DALI-0-10	DALI to 0-10V Dimming Converter	Converts control signals from DALI/DMX to 0/1-10V
LTAC-EC-10	Extension Cable (10FT)	Extends the distance between driver and tile

*All Lunovas Products come with 5 years warranty