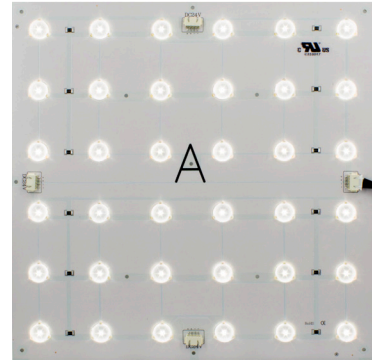


LumenTile Specifications

Features

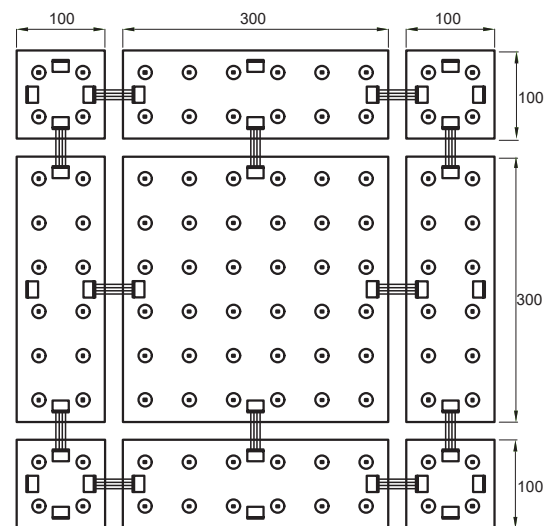
- With three sizes of tiles, it allows easy installation regardless of project size and shape
- The optical lens on each LED gives wide light emitting angle (160°), which enables a small setback of 1" and consistently high calibrated illumination
- No heat sink needed and minimum setback ensures optimal 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)



Description

LumenTile achieves the most 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.

Technical Drawing



Specification

General

Location	Indoor, dry location only
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°

Light

Tile Size (mm)	300 x 300	300 x 100	100 x 100
Luminous Flux (lm)	800 / 400 / 200	266 / 133 / 66	88 / 44 / 22
Power	7.2 / 3.9 / 2.0	2.4 / 1.4 / 0.8	1.2 / 0.7 / 0.5
LED Q'ty (psc)	36	12	4

Photometrics

Light Output(lm) / sqft	800, 400, 200
Color Temperature	2700K, 3000K, 3500K, 4000K, 5000K, 6500K
CRI	>80 (>90 available)
Lumen Maintainance	LM80 = 50,000hr
IES File	Available from simplelumen.com

Application

Retail, office, hospitality, large surface displays, luminous ceilings, drywalls

Ordering Information

Sample NUMBER : SL-LTLM-INT-S-3X3-800-3000K

Series	Type	Size (mm)	Lumen	CCT
SL-LTLM	INT-S: internal, single color	3X3: 300x300mm 3X1: 300x100mm 1X1: 100x100mm	800, 266, 88: Default (Brightest) 400, 133, 44: Ultra Bright 200, 66, 22: High	3000K 4000K 5000K 6500K

LED Driver

UL Listed Class 2 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
SLWR-RF-4-12-36-5A	RF Wireless Multi-Color 4 Channel Universal Receiver (12-36V input, max 5A)
SLSC-RC-RF-4	RF 4 Zones Single Color Controller
SLSC-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
SLDC-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 SimpleLumen Products come with 5 years warranty