Product Overview

LumiSheet Lamp™ 2' X 2'

LED Panel Lighting

EASY INSTALLATION
// Manufactured to quickly replace flourescent troffers

BIGHT & EVEN ILLUMINATION
// 3D V-Cutting technology
// Superior consistent light quality
// Up to 3500 lumens of 80 CRI light

DIMMABLE
// Compatible with 0 -10V electronic dimmers

LONG LIFESPAN
// Patented heat sink technology to maximize LED lifespan (50,000 hours +)

ENERGY EFFICIENT
// Low power consumption (70% less than fluorescent)

WARRANTY
// 5-year warranty

FLOURESCENT REPLACEMENT

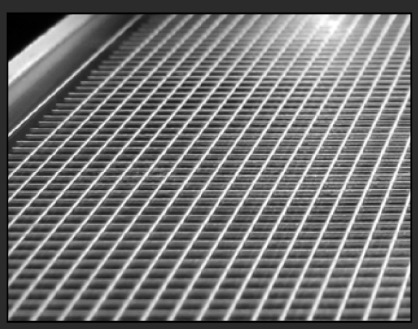
Designed for drop in ceilings, the LumiSheet Lamp™ - high performance edge-lit LED flat panel offers energy efficient and sustainable lighting solutions for commercial new construction or retrofit applications including offices, schools, hospitals and retail stores. Available in 2' x 2' and 1' x4' models in warm, natural and daylight color temperatures, this thermally efficient fixture delivers soft, even illumination, creating more productive and visually comfortable workspace.

INTEGRATED HIGH QUALITY LEDS

LumiSheet Lamp™ utilizes the LumiSheet™ technology which relies upon high quality 12V, constant voltage LEDs positioned internally, around the perimeter of the LumiSheet™.

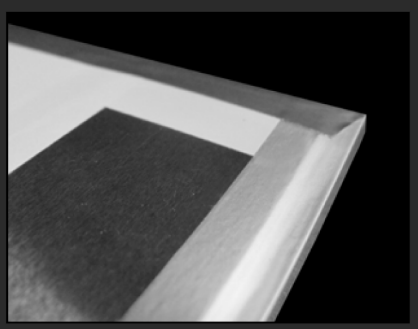
3D V-GROOVE LIGHT GUIDE PLATE (LGP)

LumiSheet Lamp™ incorporates the LumiSheet™ technology as the light source for this unique product offering. A crystal clear acrylic with a bonded diffusion layer combined with a patented 3D V-groove etched grid pattern provides bright, even illumination.



INTEGRATED THERMAL MANAGEMENT

All LEDs create heat which is detrimental to their life span. LumiSheet Lamp™ implements LumiSheet™ and its patented technology which integrates the heat sink into the LGP to efficiently remove heat which results in longer life.



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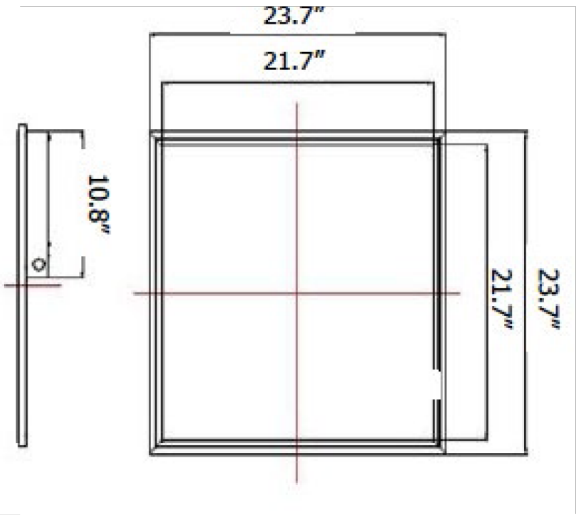
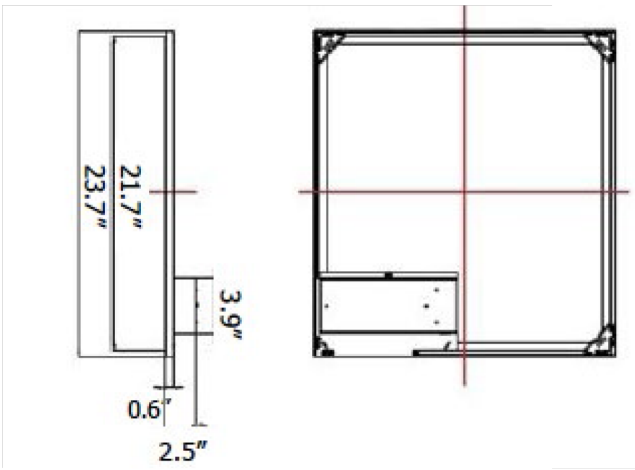
SPECIFICATIONS

PERFORMANCE			
Fixture Wattage (W)	45 W		
Light Output (lm)	3,456 lm		
Efficacy (lm/W)	77 lm/W		
Color Rendering Index (CRI)	80		
Color Temperature	Warm White approx. 3000K	Neutral White approx. 4000K	Pure/Cool White approx. 5000K
DIMMING			
Dimmable	Yes		
Dimming Control	0 - 10V		
ELECTRICAL			
Input Voltage	120 - 277V		
Power Factor	0.9		
Emergency Back-Up Available	Yes		
LONGEVITY			
Product Life (Hrs)	50,000 Hrs		
Warranty	5 Years		
PHYSICAL			
Length (in)	23.7″		
Width (in)	23.7″		
Height (in)	2.5″		
Weight (lbs)	15 lbs		

Color Tempature: *Warm White 3000K* *Neutral White 4000K* *Pure / Cool White 5000K*





Day One Lighting, LLC

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West Palm Beach, FL 33413

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E-mail: info@dayonelighting.com
URL: www.dayonelighting.com

TERMS & CONDITIONS

Be sure to familiarize yourself with Day One Lighting's **Terms & Conditions**.
By ordering from Day One Lighting, the purchaser agrees to all **Terms & Conditions**.

PATENTS

LumiSheet™ PATENTS

USA: 7473022
CANADA: 2,626,448
JAPAN: 4427528
CHINA: ZL 200610085027.0
TAIWAN: 312899
SINGAPORE: 141901
SOUTH AFRICA: 2008/03676
EUROPEAN UNION: 1,780,584
(Germany, UK, France, Italy, Spain, The Netherlands, Belgium, Sweden, Austria, Poland, Denmark, Greece, Ireland, Finland, Portugal, Czech Republic, Hungary, Romania, Slovakia, Bulgaria, Switzerland, Luxembourg, Slovenia, Turkey, Latvia)

V-CUTTER FOR AN LCD LIGHT GUIDE PANEL

USA: 6619175
JAPAN: 3500466
TAIWAN: 155175

A LIGHT GUIDE PANEL WITH SALANT LIGHT GUIDING PARTS

USA: US 7,018,087 B2

PIN KIT FOR V-CUTTER

KOREA: 10-0552589, 10-0557738, 10-0557741, 0540055, 0540053, 10-0772921, 10-0716543, 10-0565890, 10-0753963, 10-0643604, 10-0736656, 10-0748074, 10-0748073, 10-0762741,
USA: 6792842
JAPAN: 3463060
EU: 1335817
CHINA: ZL 01818623.8
TAIWAN: 163820

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