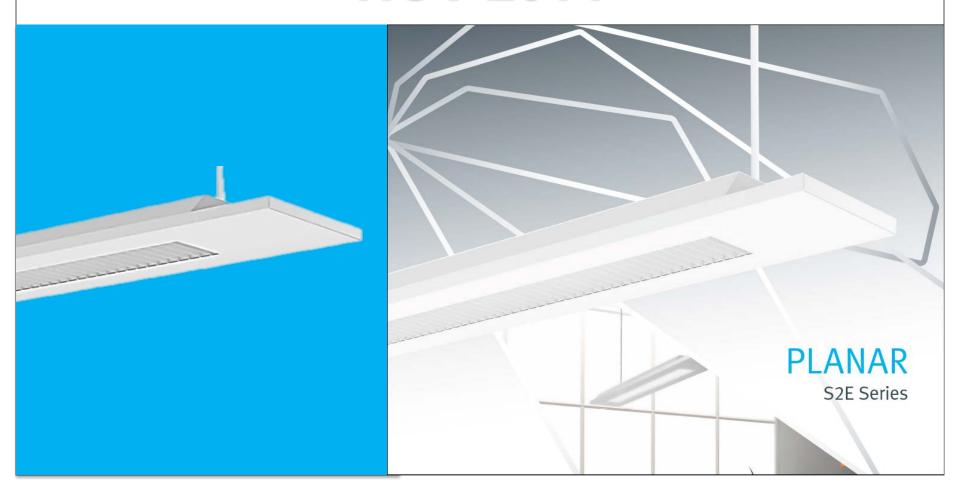
Planar LED Product introduction NOV 2014



Overview

- > Breadth of Line
 - Pendant: 4', 8', and continuous rows
- ➤ Light Engine Choices
 - four Lumen Package Options
 - 3 CCTs: (3000K, 3500K, 4000K)
 - 83+ CRI
 - Binning: 3-step
 - L85 at 60,000 hours
- High Efficacy (4ft)
 - Up to 113 LPW
 - •Ease of Installation
 - Quick-Grip field adjustable suspension system

- Control Flexibility
 - Standard 0-10V Dimming Driver
 - Occupancy sensor
 - Button PC Daylight sense
 - Motion sensor
 - DALI protocol
- New warranty
 - 5 year Warranty
- ➤ Listings/Compliances
 - cULus 1598
 - cULus Damp Location
 - IC Rated
 - DLC pending



Ideal for Office, Education, Healthcare



PLANAR S2E LED

LED . Pendant . Indirect/Direct



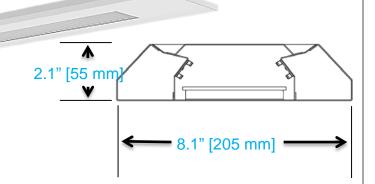


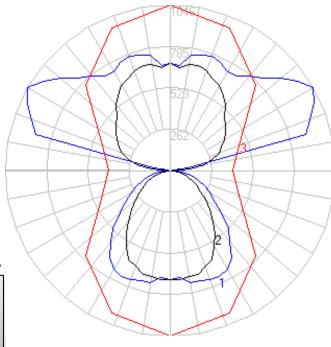






- Slim sleek profile
- > MetaLED Optical System
- > 4', 8' or continuous row.
- > 83+ CRI
- White finish (custom finish available)
- > 3000, 3500K & 4000K CCT
- > Four lumen packages
- Up to 113 L/W
- > Pendant application
- > 120-277V or 347V
- Class 2 Standard 0-10V Dimming (Down to 10%)
- > LM79 & LM80 compliant.
- L85 @ 60,000h By TM21
- > cULus certified
- > Suitable for dry locations.



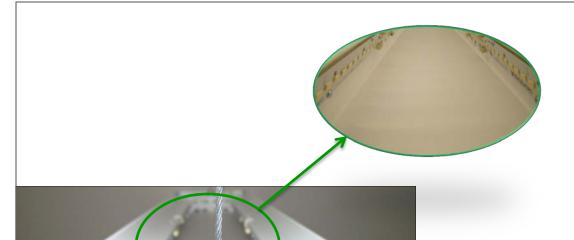


S2EL35K-4-CSB0-W-L31-PA

Luminaire Lumens:	5419
Input Watts:	48W
Efficacy (LPW):	113



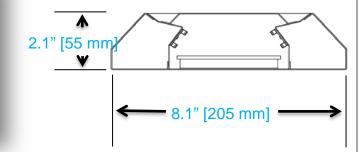
Planar S2E Series Suspended, Integral Driver



- 4', 8' and Continuous
- Efficacy
 - Up to 113 LPW
- Lumen Packages
 - **-** 2967, 3780, 5419, 10386
- Integral Controls

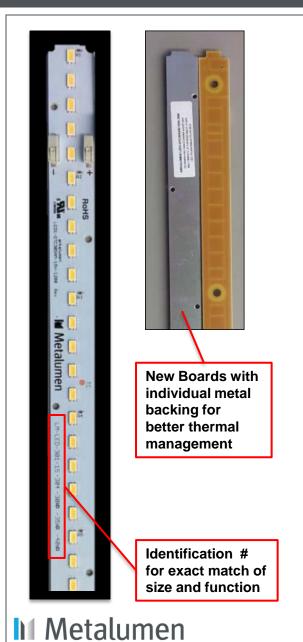
Up to 50% Energy Savings

4' Planar Suspended and surface LED light Level Outputs						
Light	Mattago	Lumens	Efficacy	Fluorescent	Energy Savings *	
Level	Wattage	Delivered	(LPW)	Equivalent	Ellergy 24villes	
L1	27	2967	109	1T8/T5	48%	
L2	35	3780	109	2T8/T5HO	36%	
L3	48	5419	113	3T8/2T5/T5HO	50%	
L4	96	10386	109	3Т5НО	46%	
* Face of Section based on a stable of land April 200 and in the Control of Section 100 and 10						

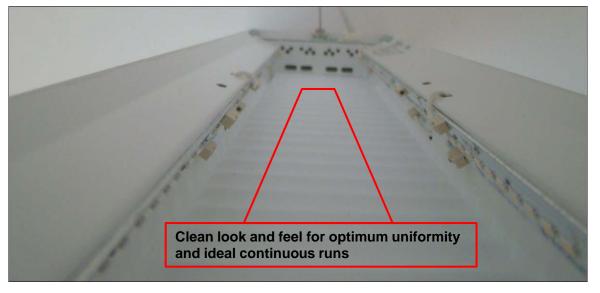




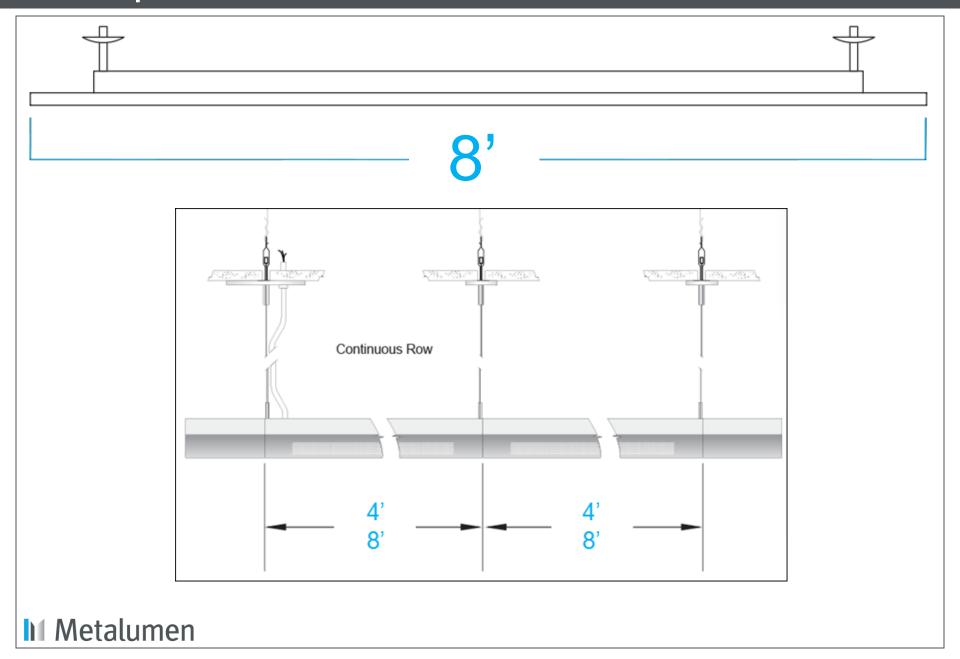
Metalumen's **NEW** LED Light Engine



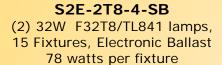


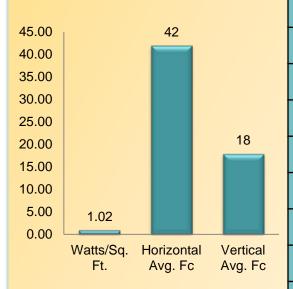


Simple for the Contractor – Modular for Client



Planar S2E LED/FL Comparison



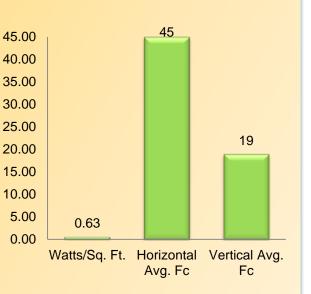


Room Size: 26' x 44'
Ceiling Height: 10'
Work Plane: 2.5'
Reflectance: 80/50/20
of fixtures: 15

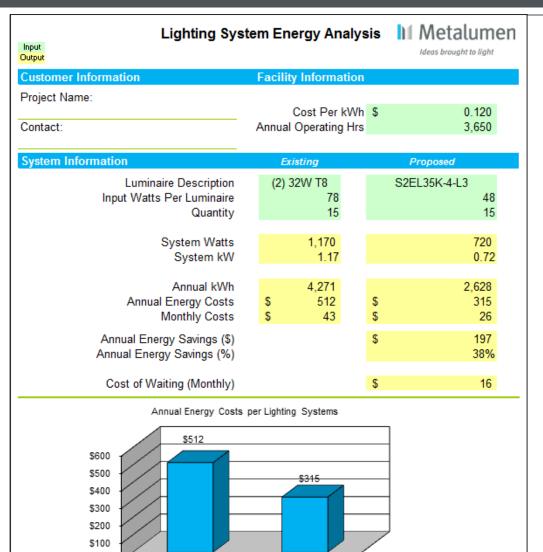
38% Energy Savings

5125	Delivered Lumens	5416
78	Input Power (Watts)	48
66	Delivered LPW	113
1.02	Watts/Sq. Ft.	0.63
42	Horizontal Avg. Fc	45
59	Horizontal Max Fc	62
17	Horizontal Min Fc	18
3	Max/Min	3
18	Vertical Avg. Fc	19
80	CRI	83

Planar LED S2E S2EL35K-4-CSBO-L3 15 Fixtures, Dimming Driver, 48 watts per fixture



System energy Analysis

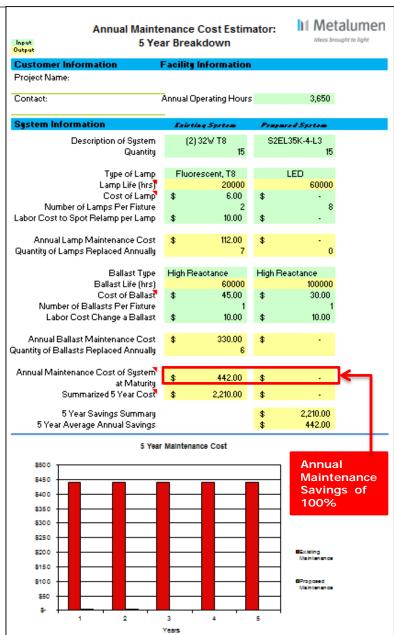


Note: These are estimated savings only. These annual and monthly savings are based on a number of variables and assumptions that could change over time. The actual savings derived by your firm may be higher or lower.

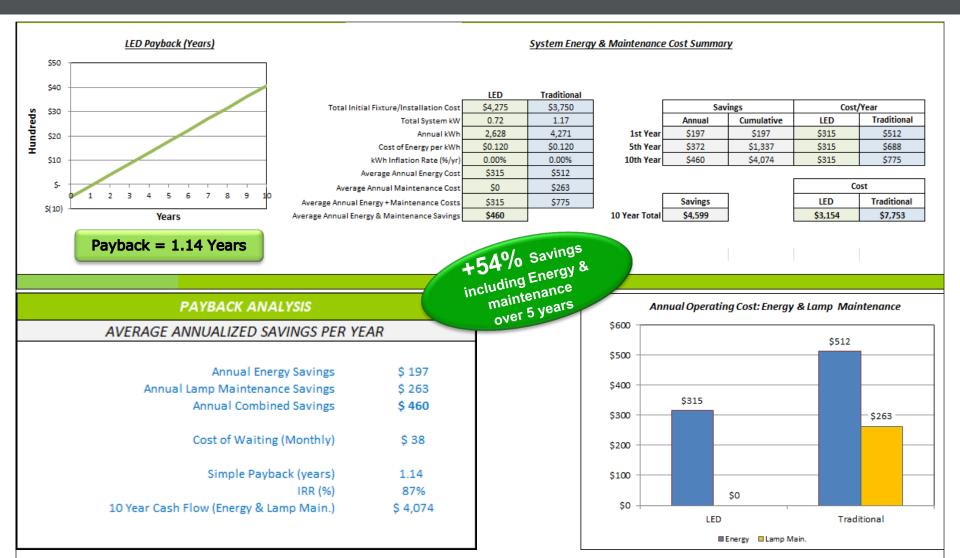
Proposed

S-

Existing



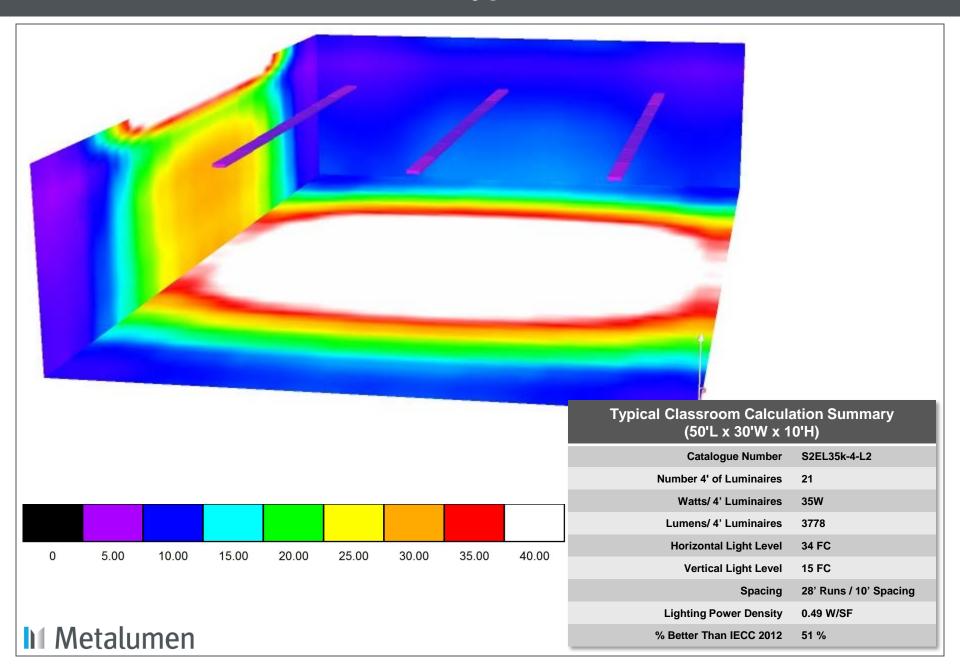
System Energy & Maintenance Savings



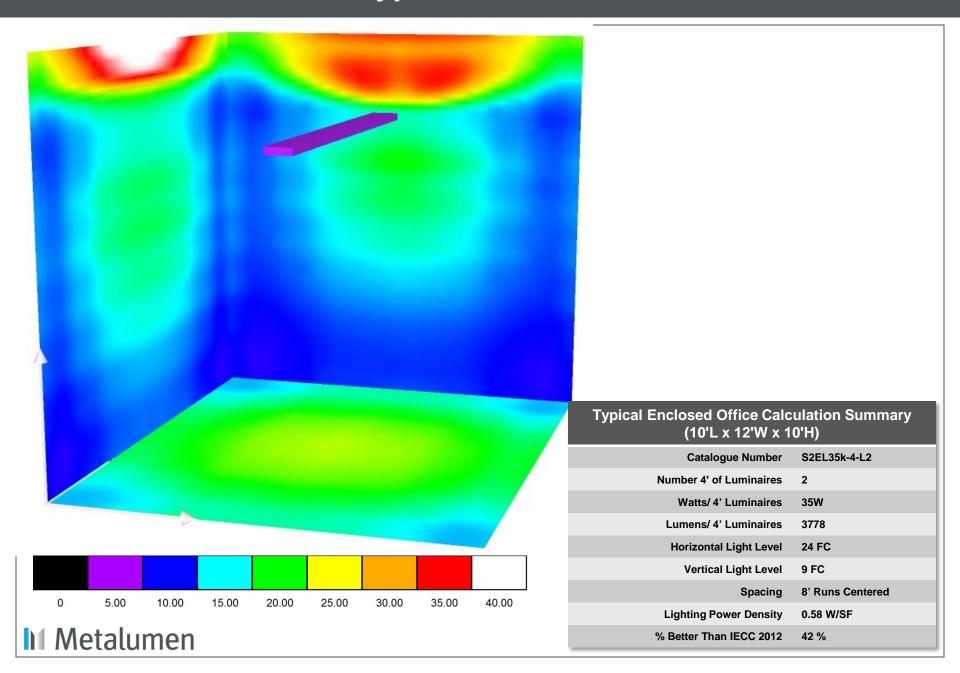
^{***} Calculation is based on actual LED fixture used in comparison to a 2-T8 FL fixture. Assumptions are \$0.12 per KWh and 10 operating Hours/day (10h @ full power). These are estimated savings only. Annual and monthly savings are based on a number of variables and assumptions that could change over time. The actual savings derived by our firm may be higher or lower. Metalumen's business does not imply a warranty of performance or savings as calculated and shown within this document.



Typical Classroom Calculation



Typical Enclosed Office Calculation



Shipping

Standard Lead time:

Ships in 4-6 weeks

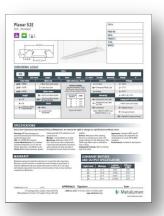
First 4 months of production: Ships in 8 weeks

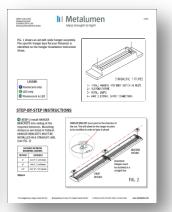




Sales Tools











Brochure

Spec Sheet

Installation Instructions

IES Files

Price Guide (Agent Portal)





Planar SZE LED

One brought shift

Competitor Feature Cross Reference

| Section | Sec

FAQ Sizzle Sheet (Agent Portal)

New Product Intro

Competitive Analysis (Agent Portal)

