

Horizon II LED Product introduction

August 2014



HORIZON II

O5B & O5K Series

➤ Breadth of Line

- Pendant: 4', 8', 12', 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 123 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 (October 2014)

NEW



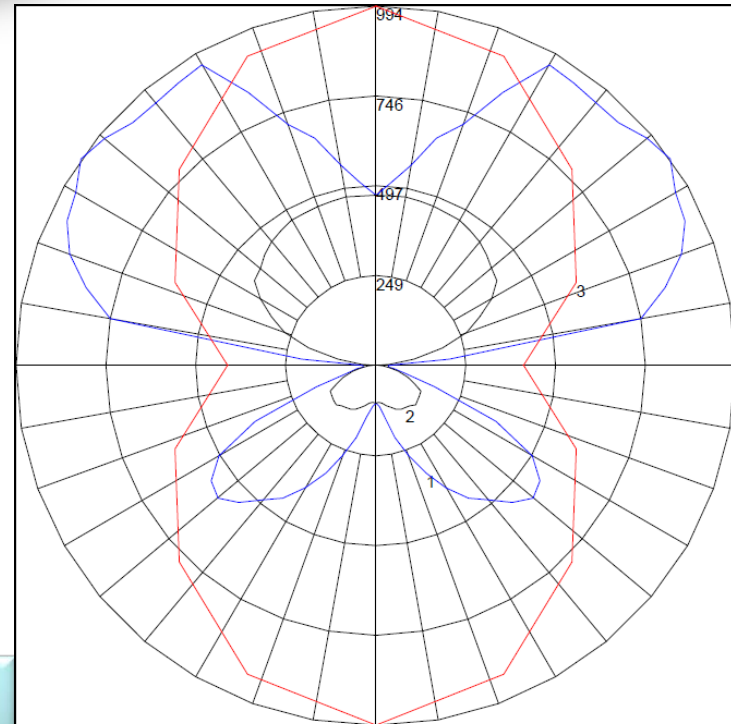
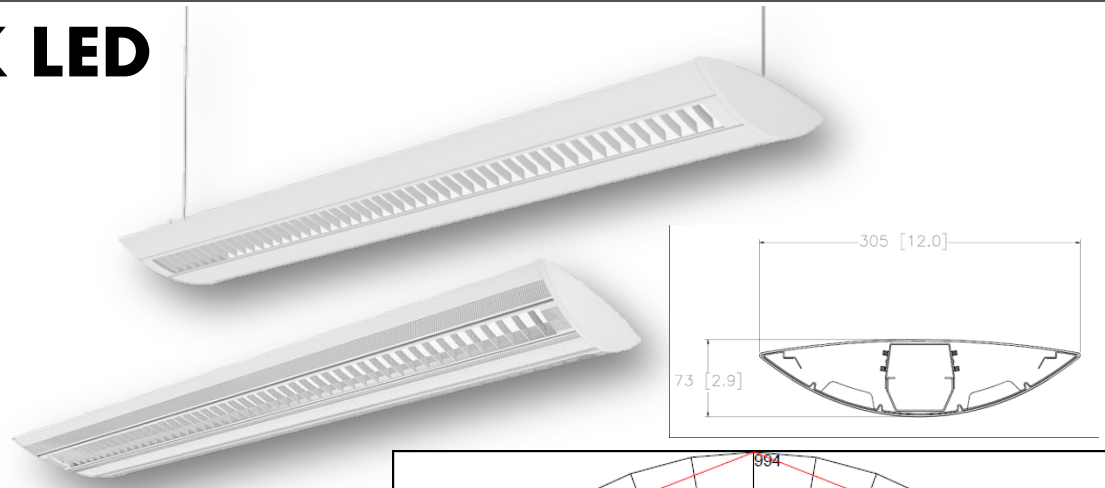
Ideal for Office, Education, Healthcare

Horizon II O5B& O5K LED

LED . Pendant . Indirect/Direct



- Architectural Commercial application
- Indirect/Direct Luminaire
- MetaLED Optical System
- 4', 8', 12' or continuous row.
- 83+ CRI
- White finish (custom finish available)
- 3000, 3500K & 4000K CCT
- Four lumen packages per model up to 11304 lumens
- Very High Efficacy
- 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.

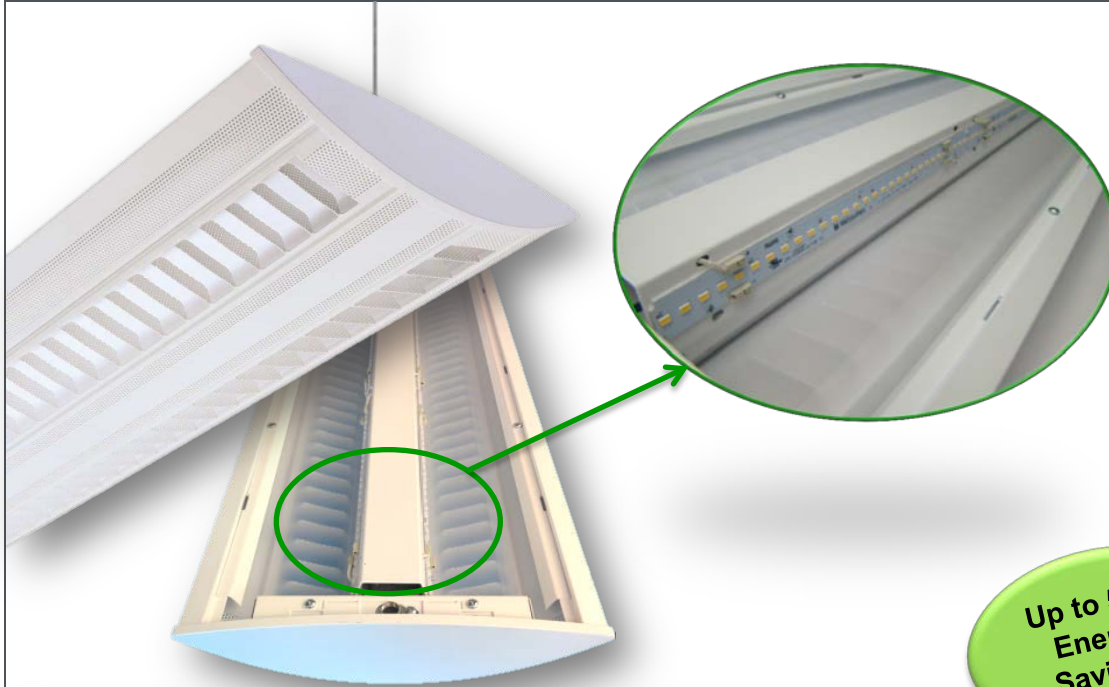


O5B-LED35K-4-CL-OL-LL3

Luminaire Lumens:	5898
Total Watts:	48W
Efficacy (LPW):	123

Maximum Candela = 994.48 Located At Horizontal Angle = 90, Vertical Angle = 125
 # 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
 # 2 - Vertical Plane Through Horizontal Angles (0 - 180)
 # 3 - Horizontal Cone Through Vertical Angle (125) (Through Max. Cd.)

Horizon II Series Suspended, Integral Driver



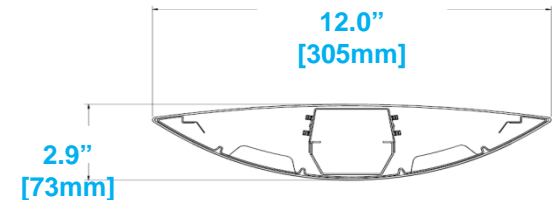
- 4', 8', 12' and Continuous
- Efficacy
 - Up to 123 LPW
- Lumen Packages
 - O5K: 3079 to 10775
 - O5B: 3230 to 11304
- Integral Controls

Up to 50%
Energy
Savings

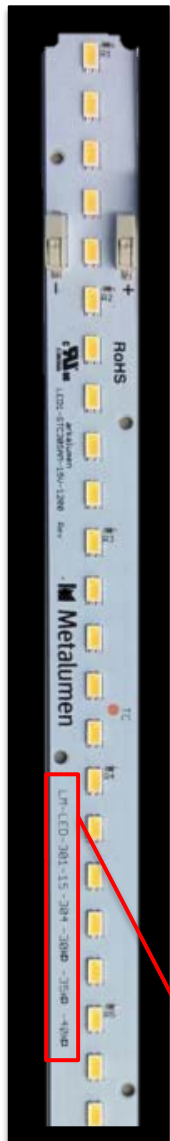
4' Horizon II Suspended and surface LED light Level Outputs

Light Level	Wattage	Lumens Delivered		Efficacy (LPW)		Fluorescent Equivalent	Energy Savings*
		O5K	O5B	O5K	O5B		
L1	27	3079	3230	113	118	2T8/T5	48%
L2	35	3924	4119	113	118	2T8/T5HO	36%
L3	48	5621	5898	118	123	3T8/2T5/T5HO	50%
L4	96	10775	11304	113	118	3T5HO	46%

* Energy Savings based upon standard lamp/ballast combination using an equivalent O5K & O5B series with Opal inlay

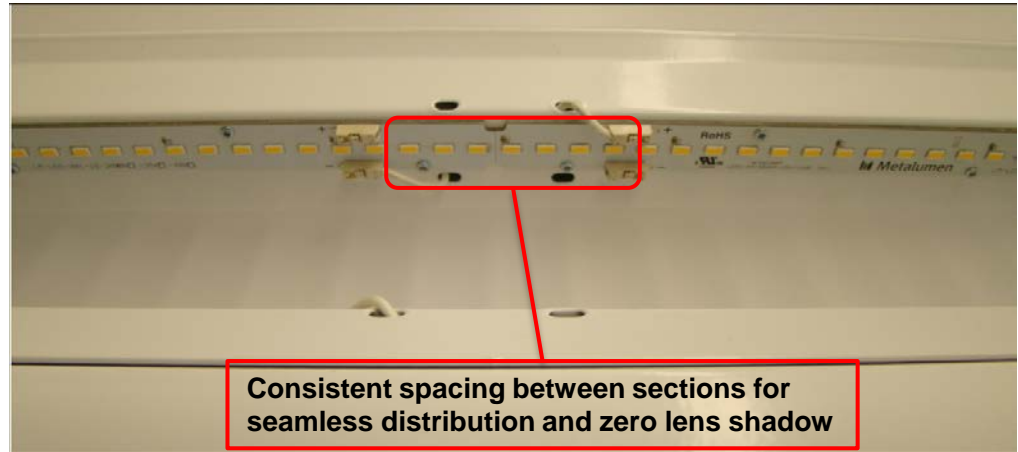


Metalumen's *NEW* LED Light Engine



New Boards with individual metal backing for better thermal management

Identification # for exact match of size and function

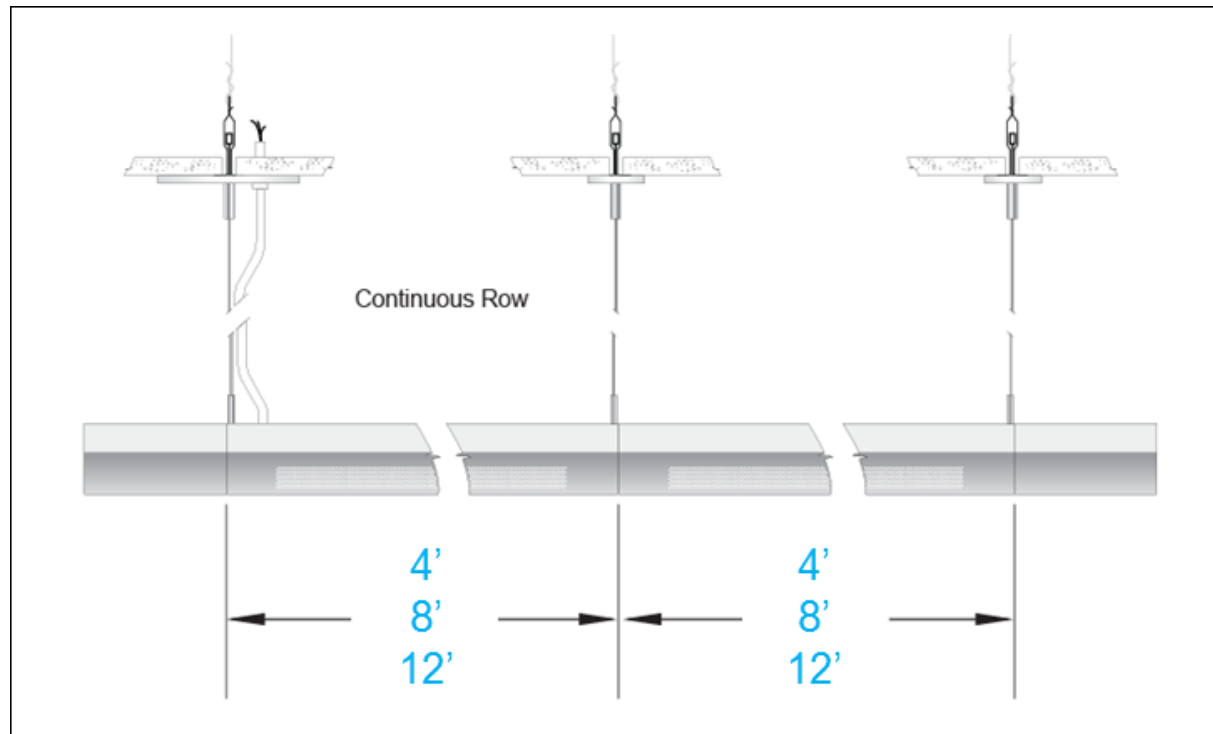


Consistent spacing between sections for seamless distribution and zero lens shadow



Clean look and feel for optimum uniformity and ideal continuous runs

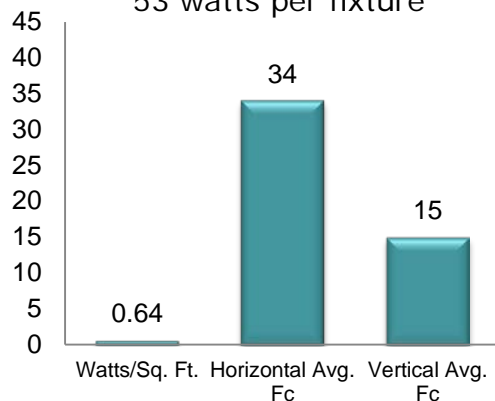
Simple for the Contractor – Modular for Client



Horizon II LED/FL Comparison

Room Size: 100' x 100'
Ceiling Height: 9'
Plane: 2.5'
Reflectance: 80/50/20
Layout: 10x12 Centers
18" suspended height

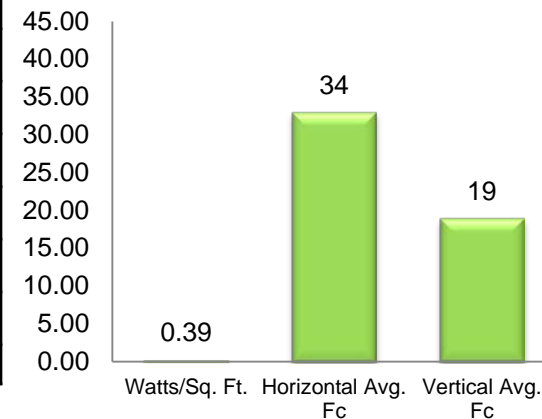
2 Lamp T8
(2) 32W T8 lamps
120 Fixtures
Electronic Ballast
53 watts per fixture



3112	Delivered Lumens	3230
53	Input Power (Watts)	27
59	Delivered LPW	118
0.64	Watts/Sq. Ft.	0.33
34	Horizontal Avg. Fc	34
45	Horizontal Max Fc	40
11	Horizontal Min Fc	19
4	Max/Min	2.11
15	Vertical Avg. Fc	19
80	CRI	83

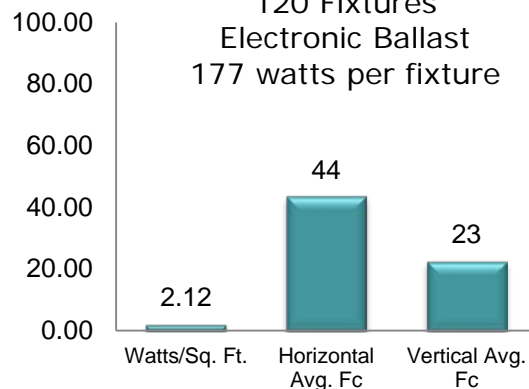
**48%
Energy
Savings**

Horizon II LED
120 Fixtures
Dimming Driver
27 watts per fixture



- All calculations are based on 4' fixtures -

3 Lamp, T5HO
(3) 54W T5HO lamps,
120 Fixtures
Electronic Ballast
177 watts per fixture

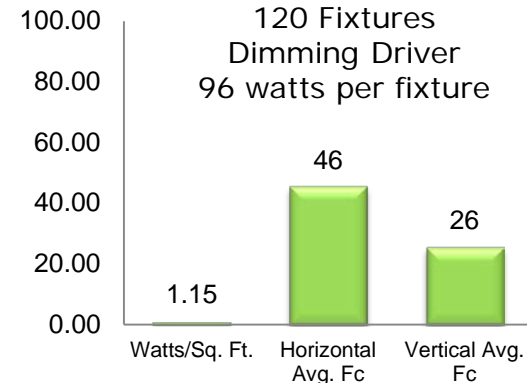


11367	Delivered Lumens	10775
177	Input Power (Watts)	96
64	Delivered LPW	113
2.12	Watts/Sq. Ft.	1.15
43.5	Horizontal Avg. Fc	45.5
55.5	Horizontal Max Fc	56
26	Horizontal Min Fc	26
2.13	Max/Min	2.16
22.5	Vertical Avg. Fc	25.5
80	CRI	83

**46%
Energy
Savings**

Room Size: 100' x 100'
Ceiling Height: 18'
Plane: 2.5'
Reflectance: 80/50/20
Layout: 10x12 Centers
18" suspended height

Horizon II LED
120 Fixtures
Dimming Driver
96 watts per fixture



System energy Analysis

Lighting System Energy Analysis



Input
Output

Customer Information

Project Name:

Contact:

Facility Information

Cost Per kWh \$ 0.120
Annual Operating Hrs 3,650

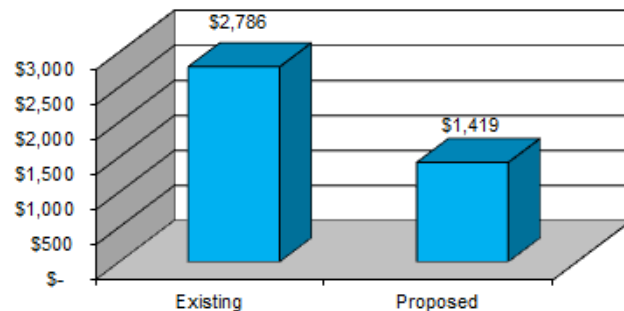
System Information

Existing

Proposed

Luminaire Description	(2) 32W T8	Horizon II LED L1
Input Watts Per Luminaire	53	27
Quantity	120	120
System Watts	6,360	3,240
System kW	6.36	3.24
Annual kWh	23,214	11,826
Annual Energy Costs	\$ 2,786	\$ 1,419
Monthly Costs	\$ 232	\$ 118
Annual Energy Savings (\$)		\$ 1,367
Annual Energy Savings (%)		49%
Cost of Waiting (Monthly)		\$ 114

Annual Energy Costs per Lighting Systems



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.

Annual Maintenance Cost Estimator: 5 Year Breakdown



Input
Output

Customer Information

Project Name:

Contact: Annual Operating Hours 3,650

Facility Information

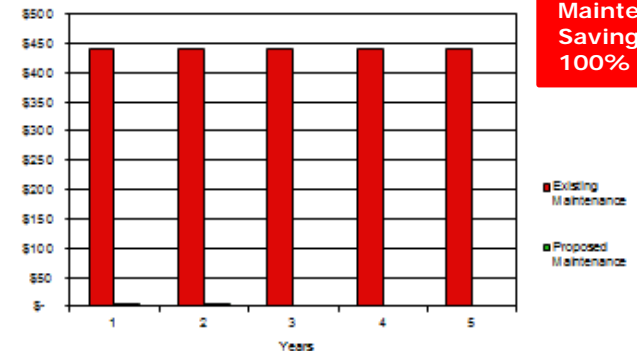
System Information

Existing System

Proposed System

Description of System	(2) 32W T8	Horizon II LED L1
Quantity	120	120
Type of Lamp	Fluorescent, T8	LED
Lamp Life (hrs)	20000	60000
Cost of Lamp	\$ 6.00	\$ -
Number of Lamps Per Fixture	2	8
Labor Cost to Spot Relamp per Lamp	\$ 10.00	\$ -
Annual Lamp Maintenance Cost	\$ 112.00	\$ -
Quantity of Lamps Replaced Annually	7	0
Ballast Type	High Reactance	High Reactance
Ballast Life (hrs)	60000	100000
Cost of Ballast	\$ 45.00	\$ 30.00
Number of Ballasts Per Fixture	1	1
Labor Cost Change a Ballast	\$ 10.00	\$ 10.00
Annual Ballast Maintenance Cost	\$ 330.00	\$ -
Quantity of Ballasts Replaced Annually	6	
Annual Maintenance Cost of System at Maturity	\$ 442.00	\$ -
Summarized 5 Year Cost	\$ 2,210.00	\$ -
5 Year Savings Summary		\$ 2,210.00
5 Year Average Annual Savings		\$ 442.00

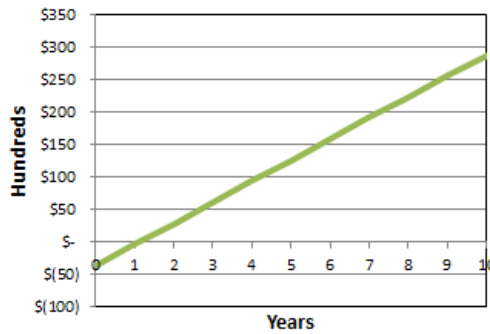
5 Year Maintenance Cost



Annual
Maintenance
Savings of
100%

System Energy & Maintenance Savings

LED Payback (Years)



Payback = 1.14 Years

System Energy & Maintenance Cost Summary

	LED	Traditional
Total Initial Fixture/Installation Cost	\$36,695	\$33,000
Total System kW	3.24	6.36
Annual kWh	11,826	23,214
Cost of Energy per kWh	\$0.120	\$0.120
kWh Inflation Rate (%/yr)	0.00%	0.00%
Average Annual Energy Cost	\$1,419	\$2,786
Average Annual Maintenance Cost	\$0	\$1,886
Average Annual Energy + Maintenance Costs	\$1,419	\$4,672
Average Annual Energy & Maintenance Savings	\$3,253	

	Savings		Cost/Year	
	Annual	Cumulative	LED	Traditional
1st Year	\$1,367	\$1,367	\$1,419	\$2,786
5th Year	\$2,624	\$9,426	\$1,419	\$4,043
10th Year	\$3,253	\$28,835	\$1,419	\$4,672

	Savings		Cost	
	LED	Traditional	LED	Traditional
10 Year Total	\$32,530		\$14,191	\$46,721

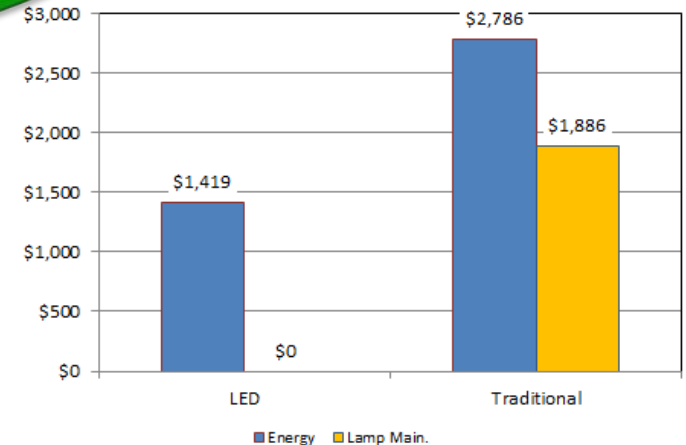
At least 65% Savings including Energy & maintenance over 5 years

PAYBACK ANALYSIS

AVERAGE ANNUALIZED SAVINGS PER YEAR

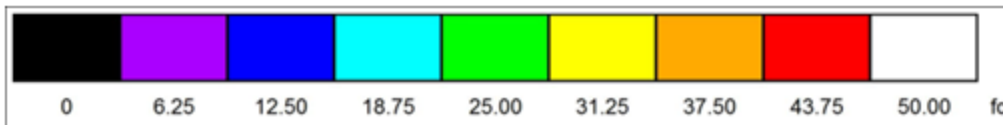
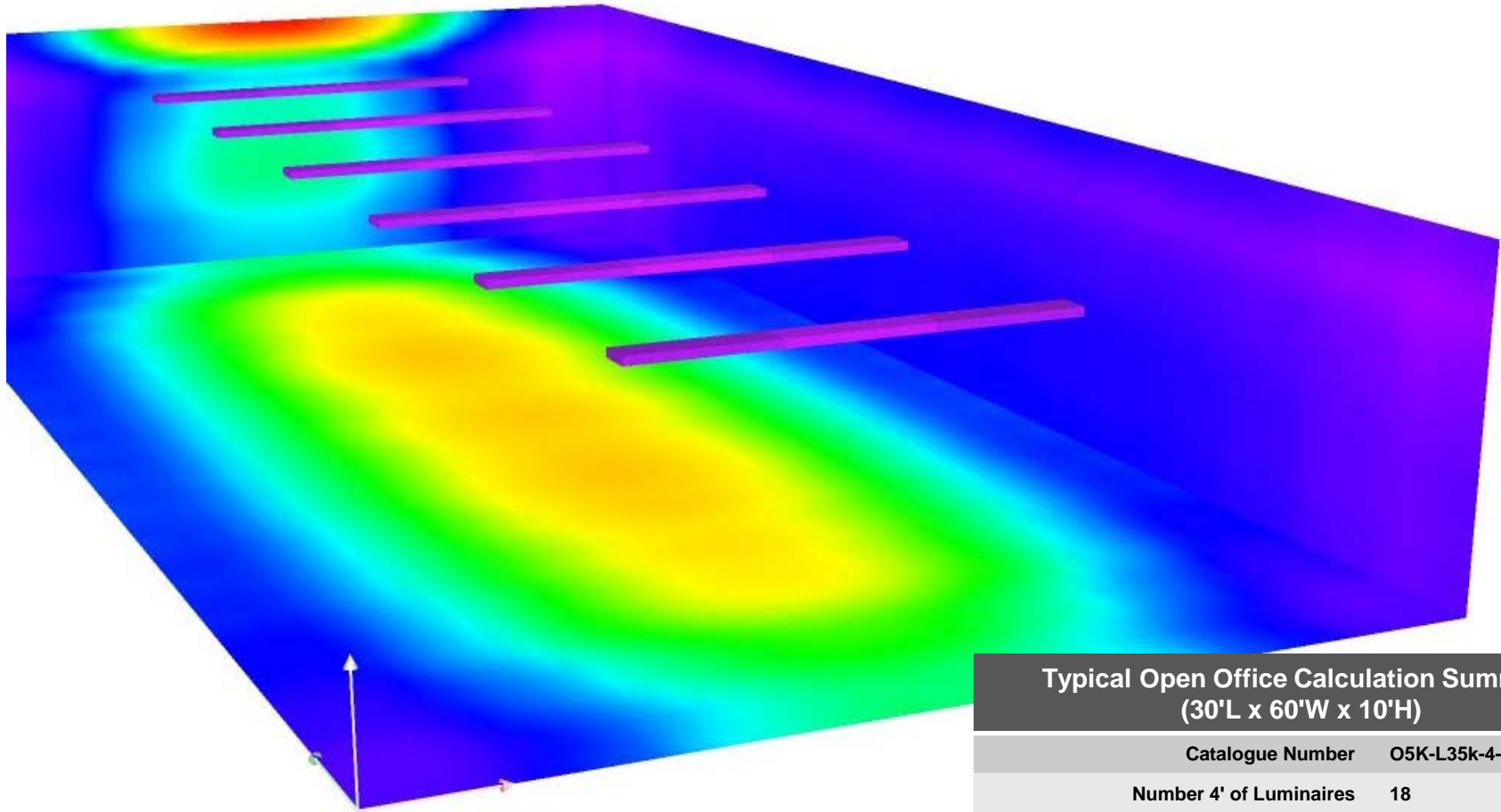
Annual Energy Savings	\$ 1,367
Annual Lamp Maintenance Savings	\$ 1,886
Annual Combined Savings	\$ 3,253
Cost of Waiting (Monthly)	\$ 271
Simple Payback (years)	1.14
IRR (%)	88%
10 Year Cash Flow (Energy & Lamp Main.)	\$ 28,835

Annual Operating Cost: Energy & Lamp Maintenance



*** Calculation is based on actual Horizon II LED fixture used in comparison to a 2-T8 FL Horizon II fixture. Assumptions are \$0.12 per kWh and 10 operating Hours/day @ full power (dimming schedule will result in more savings). 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.

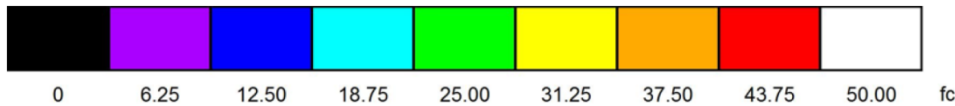
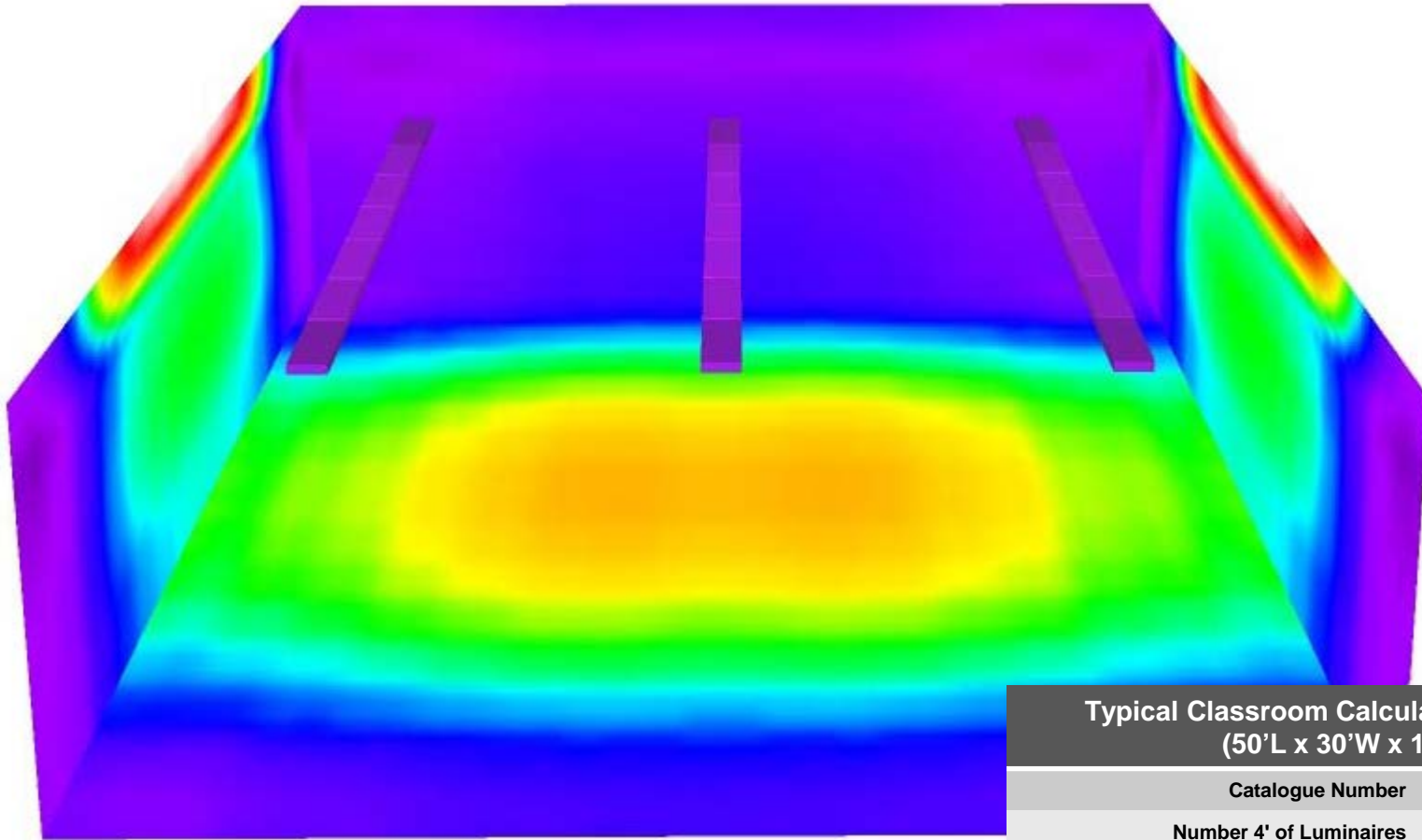
Typical Open Office Calculation



Typical Open Office Calculation Summary (30'L x 60'W x 10'H)

Catalogue Number	O5K-L35k-4-L2
Number 4' of Luminaires	18
Watts/ 4' Luminaires	35W
Lumens/ 4' Luminaires	3924
Horizontal Light Level	23 FC
Vertical Light Level	10 FC
Spacing	12' Runs / 8' Spacing
Lighting Power Density	0.35 W/SF
% Better Than IECC 2012	65%

Typical Classroom Calculation



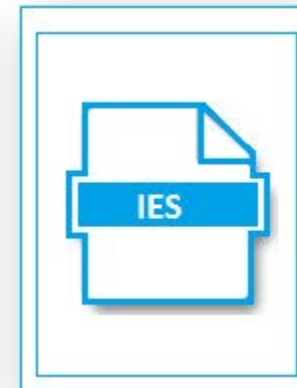
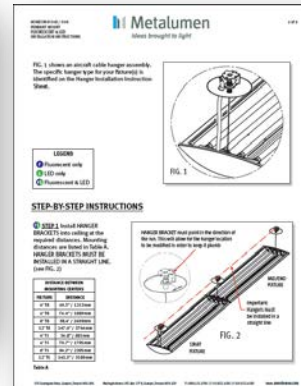
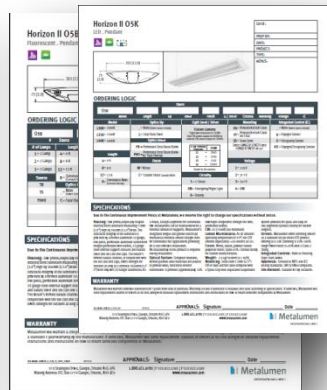
**Typical Classroom Calculation Summary
(50'L x 30'W x 10'H)**

Catalogue Number	O5K-L35k-4-L1
Number 4' of Luminaires	21
Watts/ 4' Luminaires	27W
Lumens/ 4' Luminaires	3079
Horizontal Light Level	24 FC
Vertical Light Level	11 FC
Spacing	28' Runs / 10' Spacing
Lighting Power Density	0.38 W/SF
% Better Than IECC 2012	62%

Standard Lead time:
Ships in 6-8 weeks

First 4 months of production:
Ships in min 8 weeks





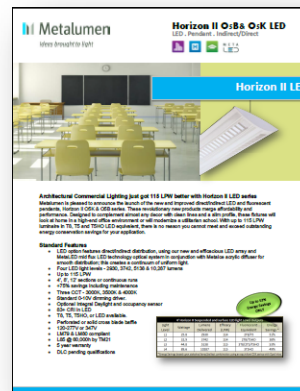
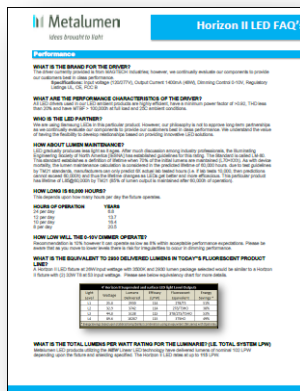
Brochure

Spec Sheet

Installation
Instructions

IES Files

Price Guide
(Agent Portal)



Horizon II LED		Competitor Feature Cross Reference					
Brand	Model	Mounting	Mounting Options	Mounting Options	Mounting Options	Mounting Options	Mounting Options
Product Name	Horizon II OSB/OSK	OSB/OSK	OSB/OSK	OSB/OSK	OSB/OSK	OSB/OSK	OSB/OSK
Product Image							
Order Unit (Minimum Order & Weight)	10' x 10' x 10"	10' x 10' x 10"	10' x 10' x 10"	10' x 10' x 10"	10' x 10' x 10"	10' x 10' x 10"	10' x 10' x 10"
Length	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Width	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Height	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Weight	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Material	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Finish	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Color	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Temperature	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Humidity	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vibration	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Shock	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Impact	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Fire Rating	Yes	Yes	Yes	Yes	Yes	Yes	Yes
UL Listed	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ETL Listed	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CE Marked	Yes	Yes	Yes	Yes	Yes	Yes	Yes
RoHS Compliant	Yes	Yes	Yes	Yes	Yes	Yes	Yes
REACH Compliant	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Warranty	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Lead Time	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Shipping	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Installation	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Maintenance	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Disposal	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Recycling	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Energy Star	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Energy Efficient	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Low Voltage	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dimmable	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Adjustable	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Remote Control	Yes	Yes	Yes	Yes	Yes	Yes	Yes
App Control	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Voice Control	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Gesture Control	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Eye Tracking	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Facial Recognition	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Biometric Authentication	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Smart Home Integration	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cloud Storage	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mobile App	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Web Portal	Yes	Yes	Yes	Yes	Yes	Yes	Yes
API Access	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Customization	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Branding	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Logo Placement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Text Placement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Image Placement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Video Placement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Audio Placement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Interactive Features	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Touchscreen	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Gesture Sensing	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Proximity Sensing	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Thermal Imaging	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Gas Detection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Smoke Detection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Fire Alarm Integration	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Security System Integration	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Access Control Integration	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Panorama	Yes	Yes	Yes	Yes	Yes	Yes	Yes
360° View	Yes	Yes	Yes	Yes	Yes	Yes	Yes
High Resolution	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Low Latency	Yes	Yes	Yes	Yes	Yes	Yes	Yes
High Frame Rate	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Low Power Consumption	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Long Lifespan	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Low Maintenance	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Installation	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Maintenance	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Disposal	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Recycling	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Upgrading	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Integration	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Customization	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Branding	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Logo Placement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Text Placement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Image Placement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Video Placement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Audio Placement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Interactive Features	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Touchscreen	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Gesture Sensing	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Proximity Sensing	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Thermal Imaging	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Gas Detection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Smoke Detection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Fire Alarm Integration	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Security System Integration	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Access Control Integration	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Panorama	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy 360° View	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy High Resolution	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Low Latency	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy High Frame Rate	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Low Power Consumption	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Long Lifespan	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Low Maintenance	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Installation	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Maintenance	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Disposal	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Recycling	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Upgrading	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Integration	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Customization	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Branding	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Logo Placement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Text Placement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Image Placement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Video Placement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Audio Placement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Interactive Features	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Touchscreen	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Gesture Sensing	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Proximity Sensing	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Thermal Imaging	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Gas Detection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Smoke Detection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Fire Alarm Integration	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Security System Integration	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Access Control Integration	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Panorama	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy 360° View	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy High Resolution	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Low Latency	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy High Frame Rate	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Low Power Consumption	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Long Lifespan	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Low Maintenance	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Installation	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Maintenance	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Disposal	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Recycling	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Upgrading	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Integration	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Customization	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Branding	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Logo Placement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Text Placement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Image Placement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Video Placement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Audio Placement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Interactive Features	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Touchscreen	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Gesture Sensing	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Proximity Sensing	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Thermal Imaging	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Gas Detection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Smoke Detection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Fire Alarm Integration	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Security System Integration	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Access Control Integration	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Panorama	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy 360° View	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy High Resolution	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Low Latency	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy High Frame Rate	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Low Power Consumption	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Long Lifespan	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Low Maintenance	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Installation	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Maintenance	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Disposal	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Recycling	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Upgrading	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Integration	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Customization	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Branding	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Logo Placement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Text Placement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Image Placement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Video Placement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Audio Placement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Interactive Features	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Touchscreen	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Gesture Sensing	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Proximity Sensing	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Thermal Imaging	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Gas Detection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Smoke Detection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Fire Alarm Integration	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Security System Integration	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Access Control Integration	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Panorama	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy 360° View	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy High Resolution	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Low Latency	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy High Frame Rate	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Low Power Consumption	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Long Lifespan	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Low Maintenance	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Easy Installation	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Easy Maintenance	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Easy Disposal	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Easy Easy Easy Easy Recycling	Yes	Yes	Yes	Yes	Yes	Yes	Yes