



## LWS LED High/Low Bay

### Replace HID Aisle Lighting with the LWS LED Aisle Light



LWS Feature	LWS Advantage	Compare to Typical MH HID
Replace 150W to 400W Metal Halide	Significant Energy Savings	60 to 163% more energy is required for each high bay
Efficient long life: 60,000 hours rated	Significant reduction of maintenance costs	10,000 to 20,000 hour lamp life means more lamp replacement and higher maintenance cost
Loss of light over time	60,000 hours with 80% lumen maintenance for well-lit aisles for years to come	40 to 60% lumen loss occurs quickly; at less than half the life of the lamp, the light output is greatly reduced
Low energy, solid state technology	Produces less heat in the environment	High Intensity Discharge lamps create heat which adds to air conditioning costs
Aisle optics	Targets light where it is needed and is specifically designed for aisle lighting applications	Most installed HID products lack sophisticated optical systems and rely on a large volume of light rather than carefully directing light where it is required
Instant on	Instant on with no restrike time means LWS can be integrated with occupancy sensors and timers	Metal Halide has a 15 minute delay for re-start, meaning products cannot be connected to occupancy sensors
Controllable	0-10V dimming is optional for additional energy saving strategies	Many existing HID systems are not dimmable; some may be switched to 50% output

# Compare LWS LED to Metal Halide

## LWS-50HL-AC-EDU-OS1360

Watts

112

Initial Lumens

produces an average of  
**15,179**  
maintaining 80% of light over rated life

Hours of Life

rated  
**60,000**

Arrives on-site with an optional built in occupancy sensor for additional energy savings.

## LWS-50XL-AC-EDU-OS1360

Watts

173

Initial Lumens

produces an average of  
**22,234**  
maintaining 80% of light over rated life

Hours of Life

rated  
**60,000**

Arrives on-site with an optional built in occupancy sensor for additional energy savings.

## 250W MH

Watts

295

Initial Lumens

produces an average of  
**10,400**  
with 40% lumen drop by 8,000 hours

Hours of Life

**15,000**  
frequent change-out is required

Typically not used with occupancy sensor due to 15 minute restrike.

## 400W MH

Watts

455

Initial Lumens

produces an average of  
**23,400**  
with 40% lumen drop by 8,000 hours

Hours of Life

**20,000**  
frequent change-out is required

Typically not used with occupancy sensor due to 15 minute restrike.

## ORDERING INFORMATION

## EXAMPLE LWS-40HL-AC-EDU-SFA

LWS					-		-		-		-											
MODEL	COLOR TEMP	LUMEN OUTPUT	DISTRIBUTION	DRIVER	VOLTAGE	OPTIONS																
LWS LED Suspended High Bay <sup>1</sup>	30 3000K 35 3500K 40 4000K 50 5000K	LW Low Watt ML Medium Lumen HL High Lumen VL Very High Lumen XL Xtra High Lumen  See Product Availability Table Below	AC Aisle-Clear Optics AD Aisle-Diffuse Optics W Wide  (SFA option recommended with W distribuion)	E Fixed Output ED 0-10V Dimming ED1 0-10V Dimming to 1% <sup>2,3</sup>	U 120V-277V 347 347V 480 480V	C6TL15_ 6' Cord and Twist-Lock™ Plug 15A (Add Voltage: 1=120, 2=277)	C6TL20_ 6' Cord and Twist-Lock™ Plug 20A (Add Voltage 1=120, 2=277)	C6P151_ 6' Cord and Straight Blade Plug 15A (Add Voltage: 1=120V, 2=277V)	F3CX 3-Conductor Cord (add length for X: 5=5', 10=10', 15=15')	F4CX 4-Conductor Cord (add length for X: 5=5', 10=10', 15=15')	F5CW 5-Conductor Cord (add length for X: 5=5', 10=10', 15=15')	ELL14 Emergency Battery Pack Installed, 1400 Lumens <sup>4</sup>	SFA Smooth Frosted Acrylic Wrap Lens	GLR Fast Blow Fuse	PM Pendant Mounting Bracket 3/4" (pendant not included)	OS1360 Factory Installed Occupancy/Daylight, Sensor, 1-relay, 360° lens 120/277	OS2360 Factory Installed Occupancy/Daylight, Sensor, 2-relay, 360° lens 120/277	OS1A Factory Installed Occupancy/Daylight Sensor, 1-relay, Aisle lens, 120/277	OS2A Factory Installed Occupancy/Daylight Sensor, 2-relay, Aisle lens, 120/277	ODS1360 Factory Installed Dimming Occupancy/Daylight Sensor, 1-relay, 360° lens 120/277	ODS1A Factory Installed Dimming Occupancy/Daylight Sensor, 1-relay, Aisle lens 120/277	ZRE ControlScope® compatible <sup>5</sup>
PRODUCT AVAILABILITY					ACCESSORIES (ORDER SEPARATELY)																	
OUTPUT	NOMINAL LUMENS	WATTS	LPW	AMBIENT	LWSQM5 Aircraft Cable 5' (Pair)	LWSQM10 Aircraft Cable 10' (Pair)	C6TL15-120 Cord & Plug Kit, 6 ft, Twist Lock NEMA L5-15P, 15 amp, 120V, White	C6TL15-277 Cord & Plug Kit, 6 ft, Twist Lock NEMA L7-15P, 15 amp, 277V, White	C6P15-120 Cord & Plug Kit, 6 ft, Straight Blade NEMA 5-15P, 15 amp, 120V, White	LWS-WG Wire Guard, white, field installed												

<sup>1</sup>Fixture must be suspended a minimum of 22" from solid surface

<sup>2</sup>ED1 available with LW and HL only

<sup>3</sup>Not available in 347V or 480V

<sup>4</sup>For compatibility with Dual-Lite LiteGear® inverters, contact Hubbell Lighting Representative

<sup>5</sup>Registered trademark of Daintree Networks, used by permission

For questions about configuration options, contact Hubbell Representative



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