



Peloton™

HIGH PERFORMANCE
HIGH BAY

Columbia
LIGHTING



HUBBELL
Lighting

Features and Benefits

Performance. Efficacy. Lifetime.

Peloton™ High Performance High Bay, next generation of LED High Bays, offers extensive lumen packages, Best in Class efficacy and long life for low total cost of ownership and integrated NX Distributed Intelligence™ lighting control options. Available in narrow or wide distribution, Peloton is perfect for warehouses, gymnasiums and light industrial applications. Peloton can be ordered from stock, through Quick Ship or made-to-order for additional configuration. Peloton High Performance High Bay is your high efficacy, long-life solution.

Best in Class Optical Performance

Wide and Narrow distribution options for open area and aisle applications



Best in Class Efficacies

Performance ranges exceeding 175 LPW

Wide Ambient Operating Range—Up To 65°C

-40°C (-40°F) up to 65°C (149°F) perseveres various industrial conditions

Best in Class Emergency Solutions

Emergency equipped fixtures are labeled and certified to UL924 for emergency situations

We Comply

UL924 Overriding controls in emergency mode for your safety



Integrated Sensor Capabilities

On/Off, Dimming, Occupancy and Daylight Harvesting, Wireless configurations for networked control. Servicing 10'–45' mounting heights with aisle or 360° detection.

Uplight Capabilities

Options from 1,000 to 4,000 lumens for ceiling illumination

Ease of Maintenance

Toolless entry for easy access to electrical compartment

Lifetime

Long-life 60,000 hour LEDs at L80 with projected life over 200,000 hours at L70 hours for reliable performance and minimal maintenance

Lens Configuration

Available with frosted acrylic and polycarbonate lens materials to accommodate application demands

Extensive Lumen Range

8,000 to 60,000 lms for 10'–60' mounting heights

NX DISTRIBUTED INTELLIGENCE

Wireless mesh networking between fixtures allows secure operation for both code-compliance and effective, building-wide integration



Peloton series are DLC® (DesignLights Consortium) Qualified, with Premium Qualified configurations - see www.designlights.org for specific SKU's on QPL



Peloton has Best in Class optical performance—placing light where you need it, whether it be an open area or aisle lighting.



With Hubbell Control Solutions integrated controls, the High Performance High Bay will not waste your dollars lighting an unoccupied auxiliary application. Tired of hot spots? Peloton delivers uniformity.



Peloton delivers improved illumination and lower maintenance than legacy technology high bays.

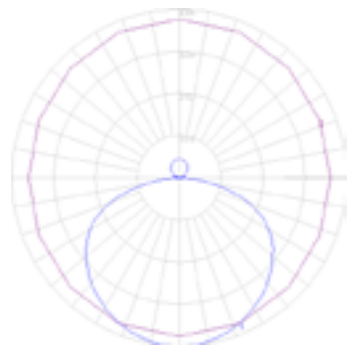
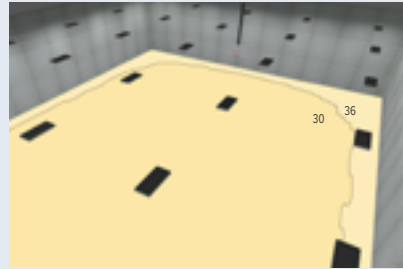
Light Delivered Exactly Where You Need It



Wide Distribution

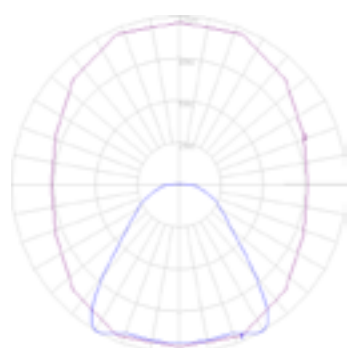
Ideal for open areas such as gymnasiums, light industrial manufacturing and open storage facilities.

6L 4' T8 (230W) FLUORESCENT produces lower light levels.



Spacing Criteria: 0° = 1.27 90° = 1.38

PELOTON™ PEL2-40MW-FAW (205W) produces highest light levels with excellent uniformity.



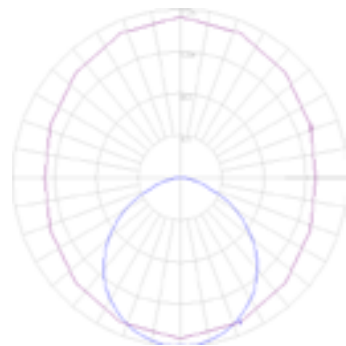
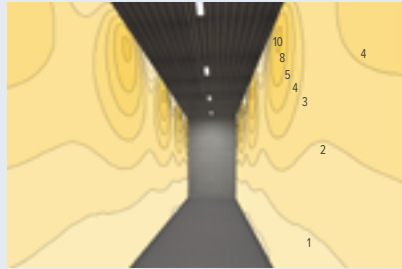
Spacing Criteria: 0° = 1.28 90° = 1.36



Narrow Distribution

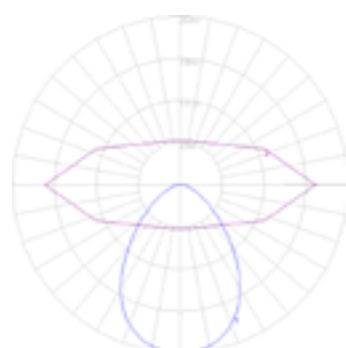
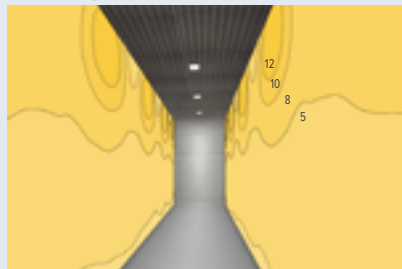
Perfect for delineated spaces such as warehouse aisles and assembly areas.

2L 4' T8 (73W) FLUORESCENT produces uneven vertical illumination throughout warehouse racks.



Spacing Criteria: 0° = 1.13 90° = 1.36

PELOTON™ PEL2-40LHHE-FAN (49W) produces improved vertical illumination for racking.



Spacing Criteria: 0° = 1.05 90° = 0.43



Uplighting

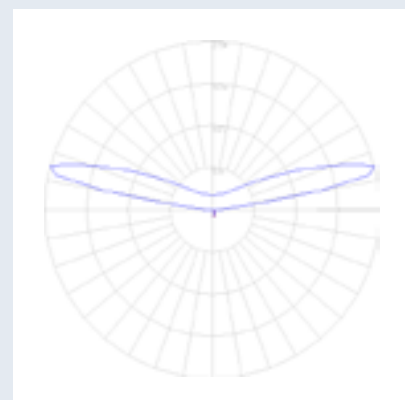
Provides an additional layer of environmental lighting to brighten ceilings.

Ideal for normalizing working environments or commercial spaces that benefit from ambient light.

UPLIGHT IN USE



UPLIGHT DISTRIBUTION



High Ceilings? Low Ceilings?

Flexibility

There's a Peloton configuration to meet your needs. Install Peloton throughout your facility at different ceiling heights for a unified look that delivers high performance far into the future.

Peloton offers pendant, tong hanger or aircraft cable mounting and optional wireguard to fit into your space.



4' Size

Replaces up to 1,000W MH, up to 10L T5HO
36,000—60,000 lumens
Best for **40'—60' ceilings**
Used in large equipment manufacturing facilities and convention centers



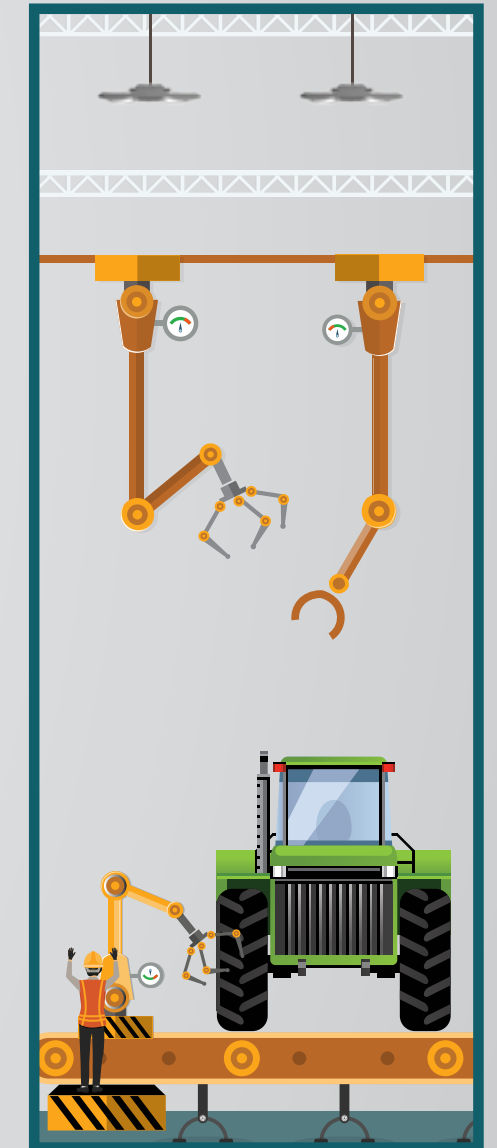
2' Size

Replaces up to 400W MH, up to 6L T5HO
18,000—30,000 lumens
Best for **20'—40' ceilings**
Used in warehouses and gyms



2' Size

Replaces 175W MH, 4L T8, 2L T5HO
8,000—16,000 lumens
Best for **10'—20' ceilings**
Used in light assembly and inspection areas



Want even more? How about controls? See page 8 for further details.

Can You Afford to Wait?



Peloton's high efficacy models pay for themselves and help you save on energy costs for years to come. Estimate does not include utility rebates or maintenance savings.

Luminaire	6L T5HO	Typical LED High Bay	Peloton High Efficacy
Lumens	26,662	25,727	26,762
Input Watts	343	190	150
Operating Hours/Year	8,760	8,760	8,760
Annual Energy Costs Per Luminaire (0.11 KWh)	\$330.51	\$183.00	\$145.00
Monthly Costs Per Luminaire (0.11 KWh)	\$28.00	\$16.00	\$12.00
Annual Savings Per Luminaire for the Peloton HE			Up to \$186
\$\$ in Your Pocket Monthly per Luminaire			\$15.00

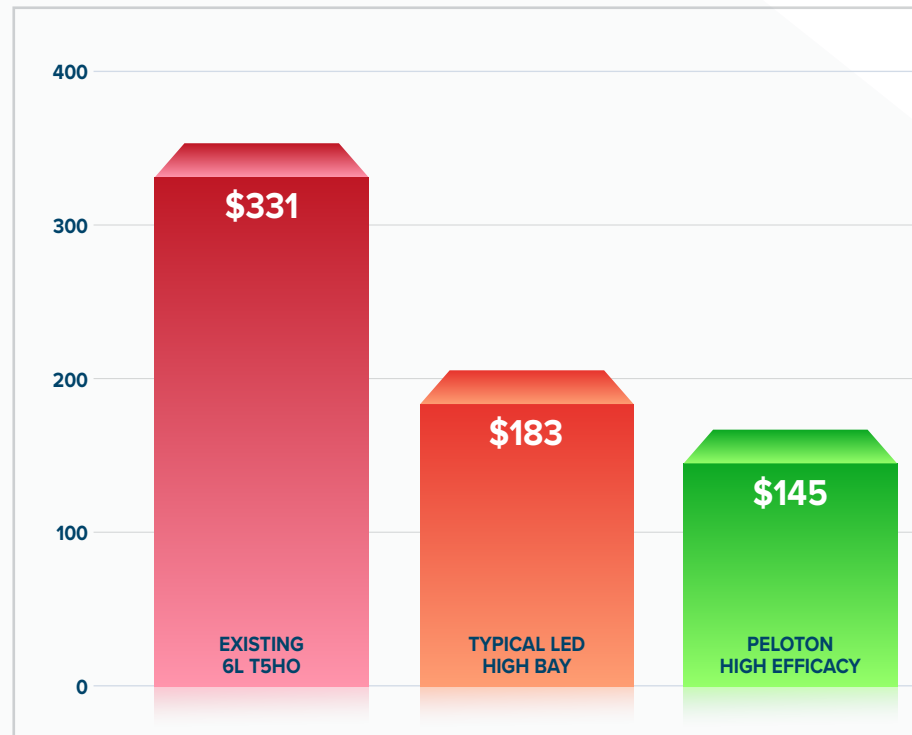
Performance Data

The benchmark of today's industrial high bay design revolves around efficacy. Peloton High Performance High Bay delivers industry leading lumens per watt, which lowers utility bills. Peloton's unique design cools LED components for optimal thermal performance leading to long life and high efficiency.

Nominal Lumen Package	Standard (SE)		High Efficacy (HE)		Max Ambient Rating
	Wattage	LPW	Wattage	LPW	
8,000 Lumen, LH	52	171	48	174	65°C
12,000 Lumen, LX	78	168	73	174	55°C
16,000 Lumen, ML	101	163	92	177	55°C
18,000 Lumen, MM	114	171	108	176	55°C
24,000 Lumen, MH	158	168	154	174	60°C
30,000 Lumen, MV	198	162	182	176	55°C
36,000 Lumen, MX	230	168	222	174	60°C
48,000 Lumen, HM	297	170	—	—	55°C
60,000 Lumen, HH	410	162	—	—	45°C

Values based on 2ft and 4ft 4000K, 80 CRI, no lens.

Annual Energy Cost Comparison



Can You Afford to Spend **56% More** Per Fixture Per Year?

Efficacy Comparison



It's Time to Put \$\$ Back in Your Pocket!

Control Your Space Effortlessly

Hubbell Lighting's Peloton luminaires are available with integrated NX Distributed Intelligence™ lighting control sensors and modules from Hubbell Control Solutions. NX offers complete, code-compliant lighting controls with occupancy/vacancy detection, individual or multi-zone daylight level (harvesting) dimming, time schedules and native BACnet® building networking built in.



Truly Intelligent

NX integrated Peloton high bays use the Device Setup App for wireless programming and scheduling, dramatically reducing the time it takes to configure or modify crucial settings. Peloton high bays with NX sensors are optimized for high mounting heights typically found in warehouse, manufacturing and gymnasium applications.



Scalable

Using wired, wireless and hybrid networks, the NX enabled Peloton high bays operate in multi-tiered control strategies.



Simple

NX Integrated Peloton high bays simplify planning and reduce installation costs and complexity—no additional control wiring.



Code Compliant Emergency Control Override

UL924

Best in Class Emergency Solutions

UL924 is now required.

Emergency equipped fixtures are labeled and certified to UL924 Emergency Lighting standards, including controls override features. During emergency operation—when the power goes off—Peloton high bays immediately bypass controls. Peloton high bays return to 100% emergency illumination for safe egress for occupants.



200,000 HOURS

High Ambient Operating Range—Up To 65°C

Because of the modular design and flexible optical choices, the Peloton fixture can light almost any area in tough industrial facilities. The Peloton can operate in ambient environments up to 65°C. A higher ambient rating equates to a higher quality fixture due to optimal thermal design and use of higher grade light engine components, which will also lead to longer component life times and LED life up to 200,000 hours.

Up to
55°-65°

Ordering Information

EXAMPLE PEL4-40MHHE-FAW-U2-EU-ELL14

YOUR ORDER PEL - - - - -

MODEL		SIZE	CRI	COLOR TEMP	LUMEN OUTPUT ¹	LENS	DISTRIBUTION
PEL	Peloton™	2' 2'	Blank 80	30 3000K	LH 2' (8,000)	FA Frosted Acrylic	W Wide Distribution
	High Performance	4' 4'		35 3500K	LHHE 2' (8,000)	FP Frosted Polycarbonate	N Narrow Distribution
	High Bay			40 4000K	LX 2' (12,000)	Blank No Lens	Blank Lambertian Distribution
				50 5000K	LXHE 2' (12,000)		
					ML 2' (15,000)		
				MLHE 2' (15,000)			
				MM 2' (18,000), 4' (18,000)			
				MMHE 2' (18,000), 4' (18,000)			
				MH 2' (24,000), 4' (24,000)			
				MHHE 4' (24,000)			
		MV 2' (30,000), 4' (30,000)					
		MVHE 4' (30,000)					
		MX 4' (36,000)					
		MXHE 4' (36,000)					
		HM 4' (48,000)					
		HH 4' (60,000)					

UPLIGHT ^{2,3,4}	DRIVER	VOLTAGE	OPTIONS	CONTROL OPTIONS
Blank No uplight	E Fixed Output	U 120-277V	C6TL20 6' Cord and Twist-Lock™ Plug 20A (Add Voltage 1=120, 2=277)	OS1360 Factory Installed On/Off Occupancy/Daylight, Sensor, 1-relay, 360° lens ⁹
U1 Uplight - 1,000 Lumens, +7.5W	ED 0-10V Dimming	347 347V ⁵	C6TL15 6' Cord and Twist-Lock™ Plug 15A (Add Voltage 1=120, 2=277)	OS1A Factory Installed On/Off Occupancy/Daylight Sensor, 1-relay, Aisle lens ⁹
U2 Uplight - 2,000 Lumens, +18.7W		480 480V ^{5,11}	C6P151 6' Cord and Straight Blade Plug 15A, 120V	ODS1360 Factory Installed Dimming Occupancy/Daylight Sensor, 360° lens ¹⁰
U3 Uplight - 3,000 Lumens, +27.1W			F3CS 5', 3-Conductor Cord	NXWE NX Wireless Enabled ¹⁶
U4 Uplight - 4,000 Lumens, +40.4W			F4CS 5', 4-Conductor Cord	NXSPH NX, PIR Occupancy Sensor, Dimming Daylight Harvesting, High Mount ¹⁶
			WG Wire Guard	NXSPWH NX Wireless, PIR Occupancy Sensor, Dimming Daylight Harvesting, High Mount ¹⁶
			GLR Fast Blow Fuse	NXE NX Enabled, Dual SmartPorts ^{12,16}
			SSP10 Surge Suppression Protection - 10kVA ¹⁵	NXESPH NX Enabled, PIR Occupancy Sensor, Dimming Daylight Harvesting, High Mount ^{12,16}
			ELL14 Emergency Battery Pack, 10 watt ^{6,7,14}	NXWD NX Wireless Enabled, Dual SmartPorts ^{12,16}
			ELL40 Emergency Battery Pack, 20 watt ^{6,7,14}	NXSWD NX Wireless, PIR Occupancy Sensor, Dimming Daylight Harvesting, Dual SmartPorts ^{12,16}
			GTD Generator Transfer Device, Bodine ⁸	
			ATSD Auxiliary Transfer Switch, Dual-Lite ⁸	

ACCESSORIES (ORDER SEPARATELY)			
PELTH Tong Hanger (Pair)	PELSPM10 Single Point Mounting, Includes Pair of 10' Aircraft Cables ¹³		
LHVQM5 Aircraft Cable, 5' (Pair)	WSPERMUNV Hubbell Wasp2 End Mount Occupancy/Daylight Sensor, 120/277/347V		
LHVQM10 Aircraft Cable, 10' (Pair)	WSPEM480 Hubbell Wasp2 End Mount Occupancy/Daylight Sensor, 480V		
PELSPMS Single Point Mounting, Includes Pair of 5' Aircraft Cables ¹³	WSP-L360-WH Hubbell Wasp2 High Bay Sensor Lens, 360 Degree, White		

¹ Nominal lumen output. Refer to performance tables for exact values and available lumen outputs for fixture size.
² Uplight nominal lumen output at 4000K, 80 CRI. Refer to photometric reports for distribution.
³ Uplight not available with 347/480V, ELL14, ELL40 or 2ft single point mount.
⁴ Uplight power leads are tied to normal power wiring as standard. Uplight requires SSP10 (Surge Suppression Protection - 10kVA).
⁵ 347/480V option not available with ELL14/ELL40 EM packs, 2ft 30,000 lumen output or GLR fuse option.
⁶ ELL14 = 1955 lms, ELL40 = 4156 lms.
⁷ ELL40 and ELL14 options require cable mounting.
⁸ GTD and ATSD available for 120-277V and EU, fixed output, driver options only.
⁹ OS1360/A sensor option will use HCS Wasp2 surface mount sensor.
¹⁰ ODS1360/A sensor option will use Wattstopper FSP221B.
¹¹ NX not available for 480V.
¹² Single point mount option not available when NX Dual Port options used.
¹³ Single point mount not available for 2ft 30,000 lumen output.
¹⁴ Cannot be combined with GLR option.
¹⁵ Cannot be combined with ELL14 or ELL40 battery options.
¹⁶ NX suitable for use down to 0°C.

We're Here to Serve You

Need fixtures now? We've got you covered. Peloton offers many configurations readily available in stock, as well as made-to-order options with reduced lead times.



Part Number	Catalog Number	UPC Code	Description	CA 03	GA 27	IL 06	NJ 12	TX 04	Wt. each	# on Pallet
93097506	PEL2-40LX-FAW-EDU	078531133719	2', 4000K, 12,000 lm, Frosted Acrylic Lens, 120-277V	●	●	●	●	●	15	72
93097507	PEL2-50LX-FAW-EDU	078531133726	2', 5000K, 12,000 lm, Frosted Acrylic Lens, 120-277V	●	●	●	●	●	15	72
93097508	PEL2-40MM-FAW-EDU	078531133733	2', 4000K, 18,000 lm, Frosted Acrylic Lens, 120-277V	●	●	●	●	●	18	48
93097509	PEL2-50MM-FAW-EDU	078531133740	2', 5000K, 18,000 lm, Frosted Acrylic Lens, 120-277V	●	●	●	●	●	18	48
93097510	PEL2-40MH-FAW-EDU	078531133757	2', 4000K, 24,000 lm, Frosted Acrylic Lens, 120-277V	●	●	●	●	●	20	72
93097511	PEL2-50MH-FAW-EDU	078531133764	2', 5000K, 24,000 lm, Frosted Acrylic Lens, 120-277V	●	●	●	●	●	20	72
93097512	PEL2-50LX-FAW-EDU-OS1360	078531133771	2', 5000K, 12,000 lm, Frosted Acrylic Lens, 120-277V, On/Off Occ/Daylight Sensor	●		●			15	54
93097513	PEL2-50MM-FAW-EDU-OS1360	078531133788	2', 5000K, 18,000 lm, Frosted Acrylic Lens, 120-277V, On/Off Occ/Daylight Sensor	●		●			18	36
93097514	PEL2-50MH-FAW-EDU-OS1360	078531133795	2', 5000K, 24,000 lm, Frosted Acrylic Lens, 120-277V, On/Off Occ/Daylight Sensor	●		●			20	54
PELWG4-2	PELWG4-2	078531133801	2ft Wireguard (Pair), White for 12,000-18,000 lumen PEL	●	●	●	●	●	N/A	N/A
PELWG6-2	PELWG6-2	078531133818	2ft Wireguard (Pair), White for 24,000-30,000 lumen PEL	●	●	●	●	●	N/A	N/A
PELTH	PELTH	078531133825	Tong Hanger (Pair)	●	●	●	●	●	N/A	N/A
LHVQM5	LHVQM5	078531012670	Aircraft Cable, 5' (Pair)	●	●	●	●	●	N/A	N/A
LHVQM10	LHVQM10	078531012526	Aircraft Cable, 10' (Pair)	●	●	●	●	●	N/A	N/A

Ordering Information, continued

SIZE	CONFIGURATION	LUMENS (NOMINAL)	HOUSING WIDTH	ACCESSORY KITS		
				FROSTED ACRYLIC WIDE LENS	FROSTED ACRYLIC NARROW LENS	WIRE GUARD
2'	LH	8,000	14.6			
	LX	12,000	14.6	PELFAW4-2	PELFAN4-2	PELWG4-2
	ML	15,000	14.6			
	MM	18,000	17.6			
	MH	24,000	17.6	PELFAW6-2	PELFAN6-2	PELWG6-2
4'	MV	30,000	17.6			
	LHHE	8,000	14.6	PELFAW4-2	PELFAN4-2	PELWG4-2
	LXHE	12,000	14.6			
	MLHE	15,000	17.6	PELFAW6-2	PELFAN6-2	PELWG6-2
	MMHE	18,000	17.6			
4'	MH	24,000	14.6	PELFAW4-4	PELFAN4-4	PELWG4-4
	MV	30,000	14.6			
	MX	36,000	17.6			
	HM	48,000	17.6	PELFAW6-4	PELFAN6-4	PELWG6-4
	HH	60,000	17.6			
4'	MMHE	18,000	17.6			
	MHHE	24,000	17.6	PELFAW6-4	PELFAN6-4	PELWG6-4
	MVHE	30,000	17.6			
	MXHE	36,000	17.6			



ALERA LIGHTING

ARCHITECTURAL AREA LIGHTING

BEACON PRODUCTS

COLUMBIA LIGHTING

COMPASS

DUAL-LITE

HUBBELL CONTROL SOLUTIONS

HUBBELL INDUSTRIAL LIGHTING

HUBBELL OUTDOOR LIGHTING

KIM LIGHTING

KURT VERSEN

LITECONTROL

PRESCOLITE

WHITEWAY

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LIGHTING

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