



Peloton™

HIGH PERFORMANCE
HIGH BAY

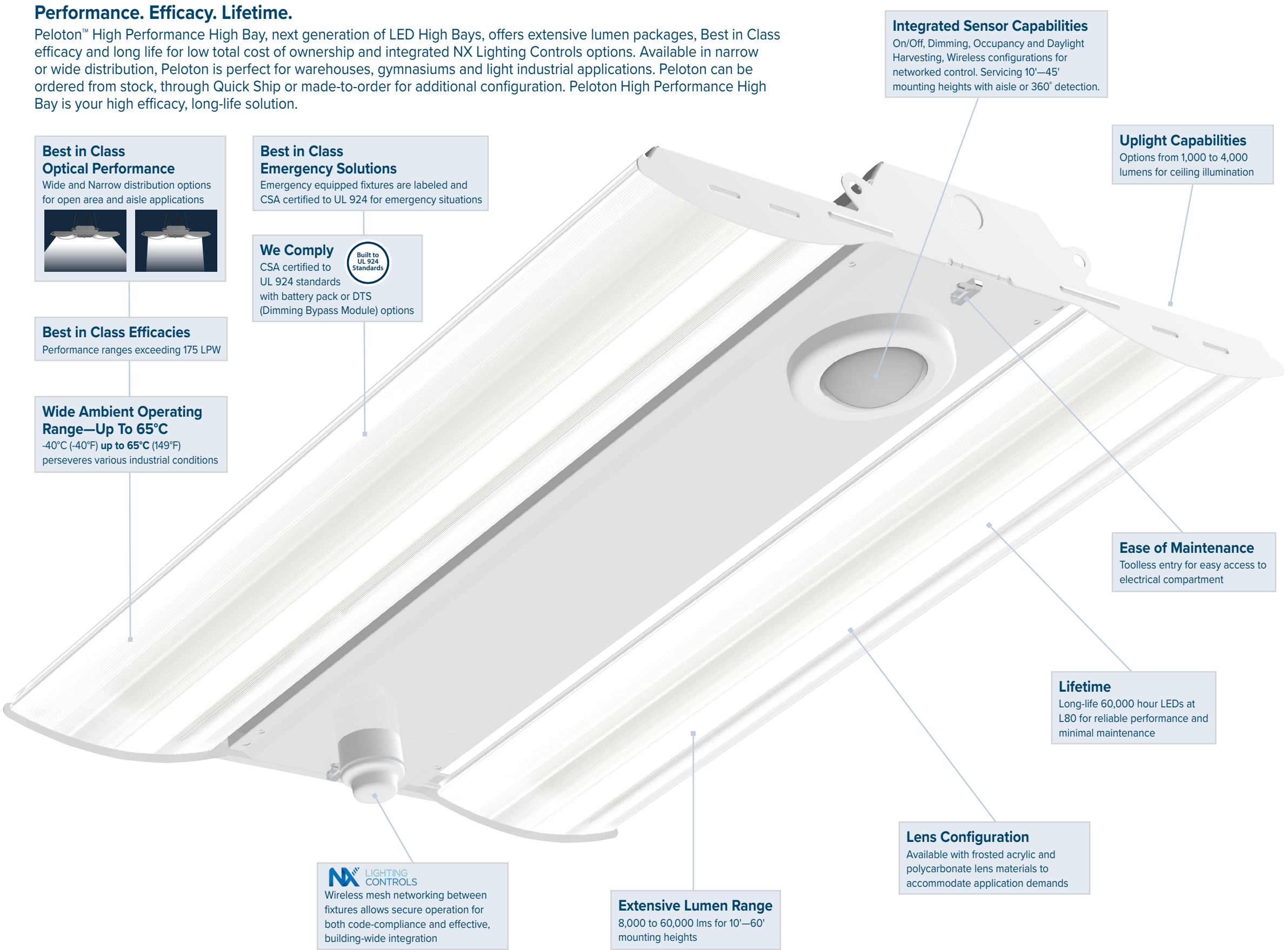
Columbia
LIGHTING

Current @

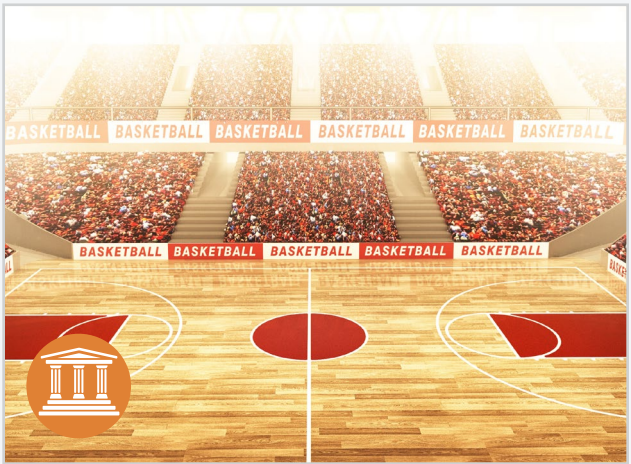
Features and Benefits

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 Lighting Controls 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.



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

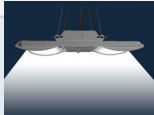


With integrated controls, the High Performance High Bay will not waste your dollars lighting an unoccupied auxiliary application. Tired of hot spots? Peloton delivers uniformity.



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

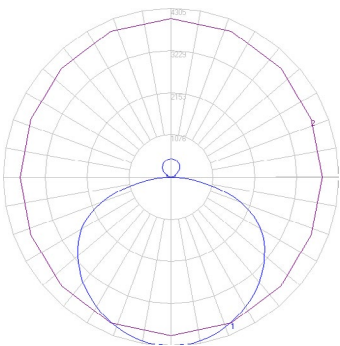
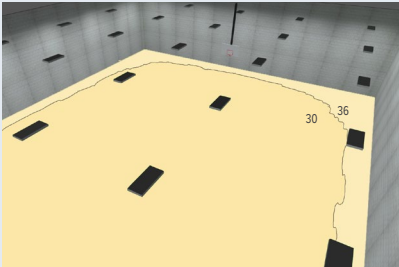
Light Delivered Exactly Where You Need It



Wide Distribution

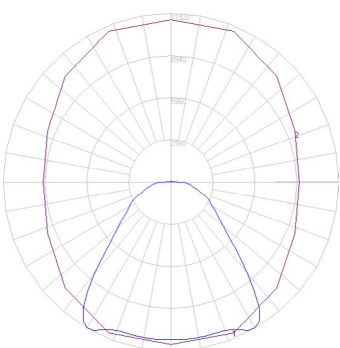
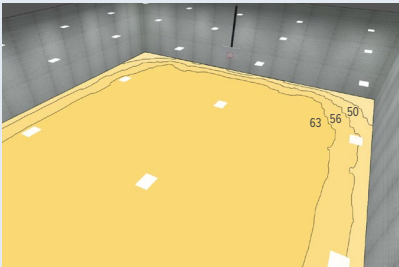
Ideal for open areas such as gymnasiums, light industrial manufacturing and open storage facilities.

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



Spacing Criteria: 0° = 1.27 90° = 1.38

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



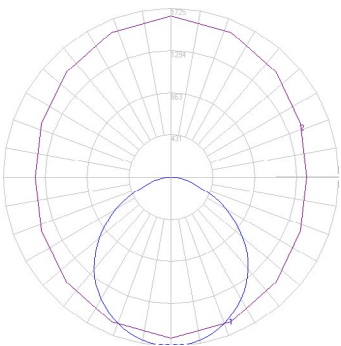
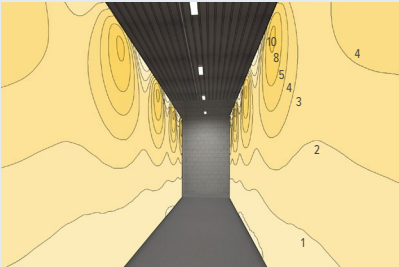
Spacing Criteria: 0° = 1.28 90° = 1.36



Narrow Distribution

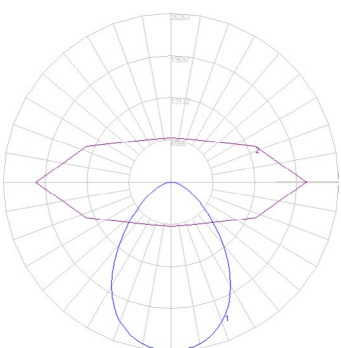
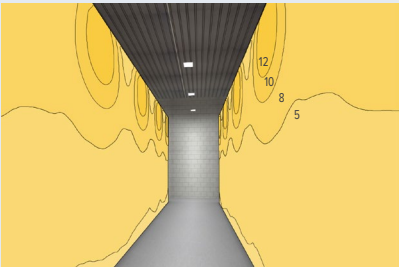
Perfect for delineated spaces such as warehouse aisles and assembly areas.

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

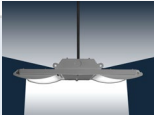


Spacing Criteria: 0° = 1.13 90° = 1.36

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



Spacing Criteria: 0° = 1.05 90° = 0.43



Uplighting

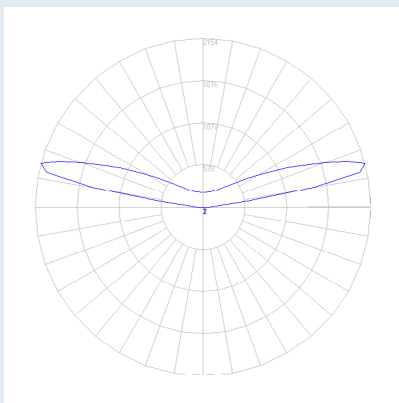
Provides an additional layer of environmental lighting to brighten ceilings.

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



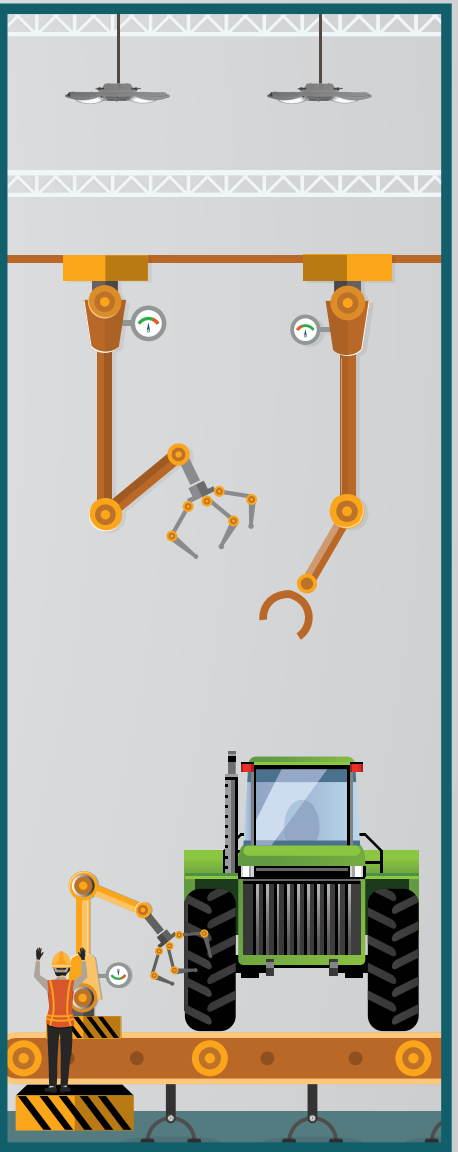
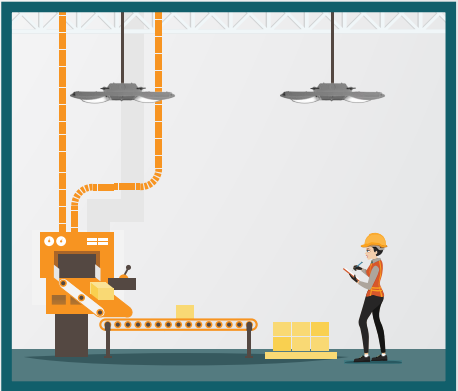
2' Size

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

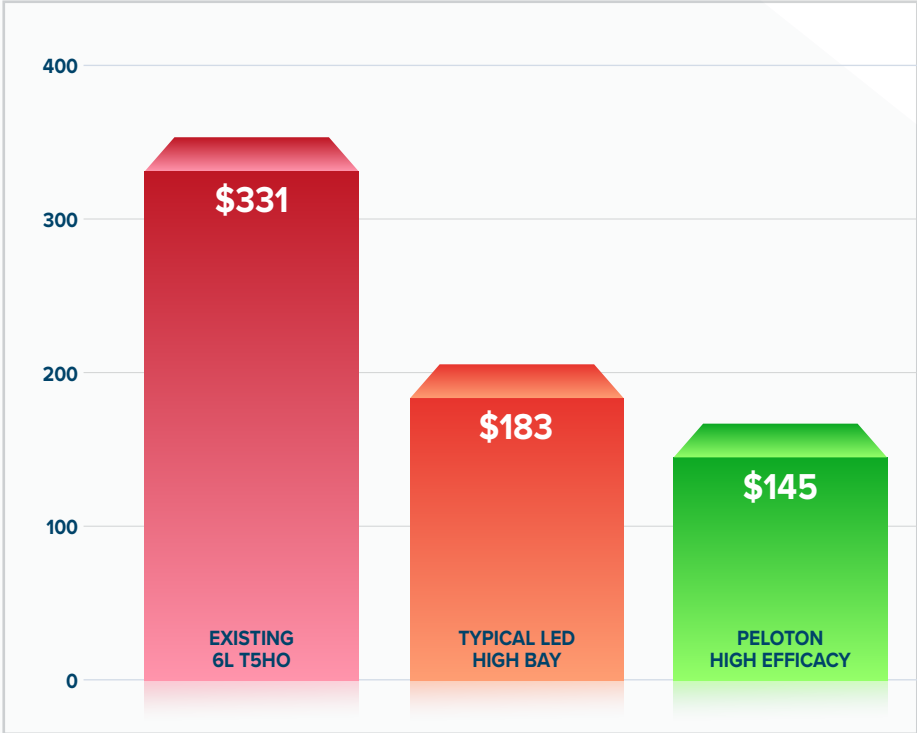
Performance Data

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

Luminaire	Input Watts	Efficacy
Peloton High Efficacy	154	177 LPW
Typical LED High Bay	190	134 LPW
6L T5HO	343	78 LPW

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

Control Your Space Effortlessly

The Peloton luminaires are available with integrated NX Lighting Controls sensors and standalone modules. 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

Best in Class Emergency Solutions

UL 924 is now required.

Emergency equipped fixtures are labeled and CSA certified to UL 924 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.

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 60,000 hours.

Up to **55°–65°**

60,000 HOURS

Ordering Information

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

YOUR ORDER

PEL- - - - -

PEL		-		-										
MODEL		SIZE		CRI	COLOR TEMP		NOMINAL LUMENS ¹				LENS		DISTRIBUTION	
PEL Peloton™ High Performance High Bay	2	2'	Blank 80	30	3000K		LH	2' (8,000)	MH	2' (24,000), 4' (24,000)		FA	Frosted Acrylic	W Wide Distribution
	4	4'		35	3500K		LHHE	2' (8,000)	MHHE	4' (24,000)		FP	Frosted Polycarbonate	
				40	4000K		LX	2' (12,000)	MV	2' (30,000), 4' (30,000)		Blank	No Lens	
				50	5000K		LXHE	2' (12,000)	MVHE	4' (30,000)				
							ML	2' (15,000)	MX	4' (36,000)				
					MLHE	2' (15,000)	MXHE	4' (36,000)				Blank Lambertian Distribution		
					MM	2' (18,000), 4' (18,000)		HM	4' (48,000)					
					MMHE	2' (18,000), 4' (18,000)		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, 4=480)	NX Networked – Wired	
U1 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)	NXE NXEHM	NX Dual RJ45 SmartPORTs, without Sensor ^{12,13,14} NX Wired Dual RJ45 SmartPORTs and Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{12,13}
U2 2,000 Lumens, +18.7W		480 480V ^{5,12}	C6P151	6' Cord and Straight Blade Plug 15A, 120V	NX Networked – Wireless	
U3 3,000 Lumens, +27.1W			F3CS	5', 3-Conductor Cord	NXW	NNX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor ^{12,13}
U4 4,000 Lumens, +40.4W			F4CS	5', 4-Conductor Cord	NXWOM	NX Networked Wireless Enabled Integral NXSMP2-OMNI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{12,13}
			WG	Wire Guard	Standalone	
			GLR	Fast Blow Fuse ⁵	WSPD360	Integral WSPDEMUNV PIR Occupancy Sensor with Automatic Dimming photocell and 360° Lens ¹⁵
			HVF	High Voltage Fusing ⁵	WSPDA	Integral WSPDEMUNV PIR Occupancy Sensor with Automatic Dimming photocell and Aisle Lens ¹⁵
			SSP10	Surge Suppression Protection – 10kVA ⁶	WSPDBT360	Bluetooth Programmable, WSPDBEMUNV PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens ¹⁶
			ELL14	Emergency Battery Pack, 10 watt ^{7,8}	WSPDBTA	Bluetooth Programmable, WSPDBEMUNV PIR Occupancy Sensor with Automatic Dimming Photocell and Aisle Lens ¹⁶
			ELL40	Emergency Battery Pack, 20 watt ^{7,8}	OS1360	On/Off WASP2 Occupancy/Daylight Sensor, 1-relay, 360 lens ¹⁷
			DTS	Dimming Bypass Module ^{9,10}	OS1A	On/Off WASP2 Occupancy/Daylight Sensor, 1-relay, Aisle lens ¹⁷
			GTD	Generator Transfer Device ¹¹	Third-Party Control Options	
			ATSD	Auxiliary Transfer Switch ¹¹	ODS1360	Dimming Occupancy/Daylight Sensor, 1-relay, 360 lens ^{18,19}
			MB	Matte Black Finish	OSFHU-360	On/ Off Occupancy Sensor, 360 Lens, 120-347V Only ²⁰

ACCESSORIES (ORDER SEPARATELY)	
PELTH	Tong Hanger (Pair) ²⁰
LHVQM5	Aircraft Cable, 5' (Pair)
LHVQM10	Aircraft Cable, 10' (Pair)
PELSPM5	Single Point Mounting, Includes Pair of 5' Aircraft Cables ²¹
PELSPM10	Single Point Mounting, Includes Pair of 10' Aircraft Cables ²¹
WSPDEMUNV	Wasp2 End Mount Occupancy/Daylight Sensor, 120/277/347V
WSPM480	Wasp2 End Mount Occupancy/Daylight Sensor, 480V
WSP-L360-WH	Wasp2 High Bay Sensor Lens, 360 Degree, White
SCP-REMOTE	Commissioning Remote for ODS1360 Dimming Sensor (at least one required per project)

¹ Nominal lumen output. Refer to spec sheet performance tables for exact values and available lumen outputs for fixture size. High efficacy versions designated with “HE”
² Uplight nominal lumen output at 4000K, 80 CRI. Refer to photometric reports for distribution. Nominal Lumens HH cannot be combined with Uplight U4
³ Uplight not available with ELL14, ELL40, DTS, GTD, ATSD, 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 GLR Fuse universal voltage only. HVF fuse 480V only. Fuse options not certified for use in Canada.
⁶ Cannot be combined with ELL14 or ELL40 battery options.
⁷ ELL14 = 1955 lms, ELL40 = 4156 lms.
⁸ ELL40 and ELL14 options require cable mounting.
⁹ For emergency circuit control loads including sensors and wireless systems CSA certified to UL 924
¹⁰ Only available with 0-10V drivers. Universal voltage only. Not available with HM or HH lumen outputs.
¹¹ GTD and ATSD available for 120-277V and EU, fixed output, driver options only.

NX In-Fixture Control Options

¹² NX only available with 0-10V dimming drivers. Contact factory for NX compatibility with 480V
¹³ NX suitable for use down to 0°C.
¹⁴ Single point mount option not available when NX Dual Port options used.
Standalone Options
¹⁵ WSPD360/A sensor option will use Dimming WASP End Mount Sensor.
¹⁶ WSPDBT360/A sensor option will use Bluetooth Dimming WASP End Mount
¹⁷ OS1360/A sensor option will use Wasp2 Sensor.
Third-Party Control Options
¹⁸ ODS1360 sensor option will use Endmount Wattstopper FSP221B
¹⁹ Requires minimum of one SCP-REMOTE per project.
²⁰ OSFHU-360/A sensor options will use the Leviton OSFHU-ITW end mount sensor
²¹ HB011-360/A sensor options will use the Leviton HB011-PDX end mount sensor
Accessory Notes
²² Tong hanger not compatible with certain models. Contact factory for confirmation
²³ Single point mount not available for 2ft 30,000lm model or 2ft uplight models

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

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



Current Lighting Solutions, LLC

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Greenville, SC 29607

currentlighting.com/columbialighting

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