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.

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 CSA certified to UL 924 for emergency situations

We Comply

Built to UL 924 Standards

CSA certified to UL 924 standards with battery pack or DTS (Dimming Bypass Module) options

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 for reliable performance and minimal maintenance

Lens Configuration

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

DLC LISTED PREMIUM

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

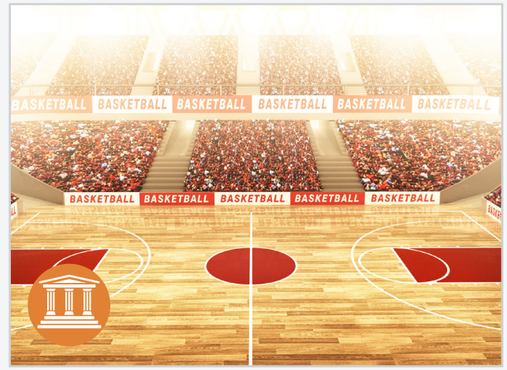
NX LIGHTING CONTROLS

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

Extensive Lumen Range

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

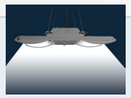
Peloton has Best in Class optical performance—placing light where you need it, whether it be an open area or aisle lighting.



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.

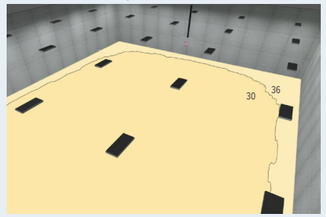
Light Delivered Exactly Where You Need It

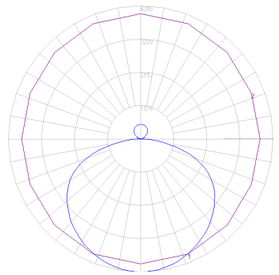


Wide Distribution

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

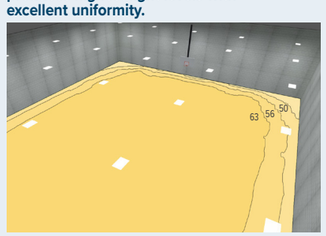
6L 4' T8 (230W) FLUORESCENT produces lower light levels.

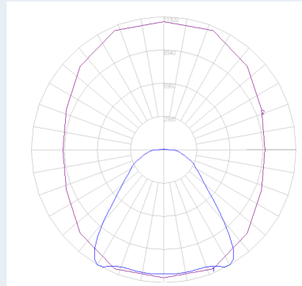




Spacing Criteria: 0˚ = 1.27 90˚ = 1.38

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



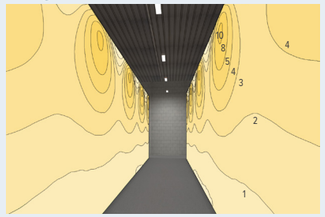


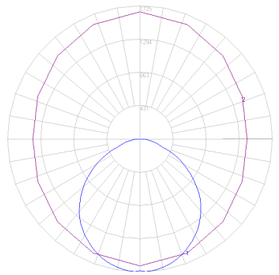
Spacing Criteria: 0˚ = 1.28 90˚ = 1.36

Narrow Distribution

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

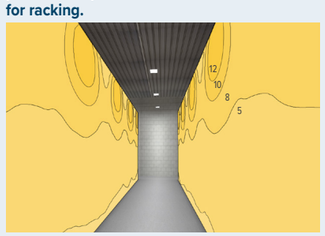
2L 4' T8 (73W) FLUORESCENT produces uneven vertical illumination throughout warehouse racks.

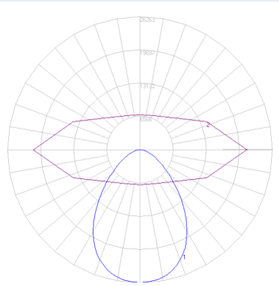




Spacing Criteria: 0˚ = 1.13 90˚ = 1.36

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





Spacing Criteria: 0˚ = 1.05 90˚ = 0.43

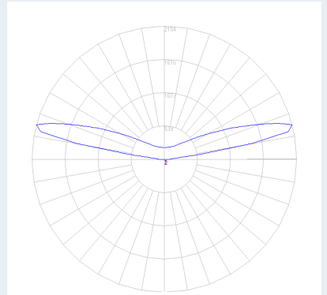
Uplighting

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?

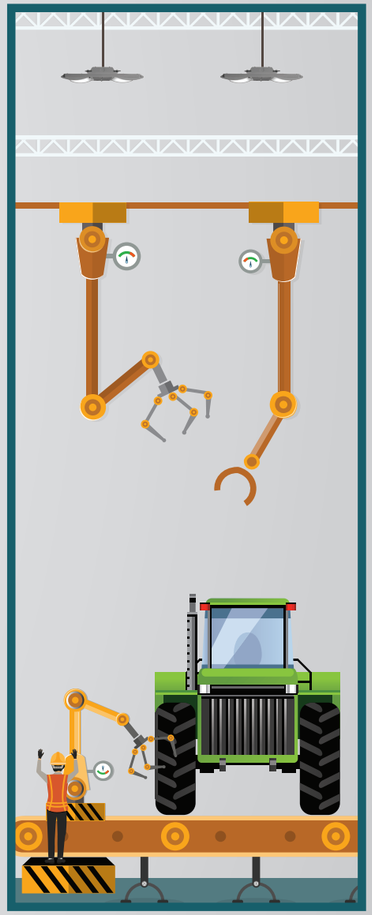
Flexibility

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

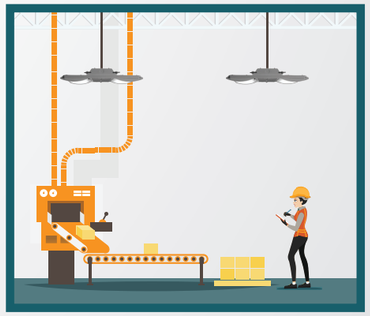


2' Size

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**

Annual Energy Cost Comparison

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

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

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.

Efficacy Comparison

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

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.

Ordering Information

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

YOUR ORDER PEL – ___ – – – – –

PEL –

MODEL	
PEL	Peloton™ High Performance High Bay

SIZE	
2	2'
4	4'

CRI	
Blank	80

COLOR TEMP	
30	3000K
35	3500K
40	4000K
50	5000K

NOMINAL LUMENS [1]			
LH	2' (8,000)	MH	2' (24,000), 4' (24,000)
LHHE	2' (8,000)	MHHE	4' (24,000)
LX	2' (12,000)	MV	2' (30,000), 4' (30,000)
LXHE	2' (12,000)	MVHE	4' (30,000)
ML	2' (15,000)	MX	4' (36,000)
MLHE	2' (15,000)	MXHE	4' (36,000)
MM	2' (18,000), 4' (18,000)	HM	4' (48,000)
MMHE	2' (18,000), 4' (18,000)	HH	4' (60,000)

LENS	
FA	Frosted Acrylic
FP	Frosted Polycarbonate
Blank	No Lens

DISTRIBUTION	
W	Wide Distribution
N	Narrow Distribution
Blank	Lambertian Distribution

– – –

UPLIGHT [2,3,4]	
Blank	No uplight
U1	1,000 Lumens, +7.5W
U2	2,000 Lumens, +18.7W
U3	3,000 Lumens, +27.1W
U4	4,000 Lumens, +40.4W

DRIVER	
E	Fixed Output
ED	0-10V Dimming

VOLTAGE	
U	120-277V
347	347V [5]
480	480V [5,12]

OPTIONS	
C6TL20_	6' Cord and Twist-Lock™ Plug 20A (Add Voltage 1=120, 2=277, 4=480)
C6TL15_	6' Cord and Twist-Lock™ Plug 15A (Add Voltage 1=120, 2=277)
C6P151	6' Cord and Straight Blade Plug 15A, 120V
F3C5	5', 3-Conductor Cord
F4C5	5', 4-Conductor Cord
WG	Wire Guard
GLR	Fast Blow Fuse [5]
HVF	High Voltage Fusing [5]
SSP10	Surge Suppression Protection - 10kVA [6]
ELL14	Emergency Battery Pack, 10 watt [7,8]
ELL40	Emergency Battery Pack, 20 watt [7,8]
DTS	Dimming Bypass Module [9,10]
GTD	Generator Transfer Device [11]
ATSD	Auxiliary Transfer Switch [11]
MB	Matte Black Finish

CONTROL OPTIONS	
NX Networked – Wired	
NXE	NX Dual RJ45 SmartPORTs, without Sensor [12,13,14]
NXEHM	NX Wired Dual RJ45 SmartPORTS and Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [12,13]
NX Networked – Wireless	
NXW	NNX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor [12,13]
NXWOM	NX Networked Wireless Enabled Integral NXSMP2-OMNI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [12,13]
Standalone	
WSPD360	Integral WSPDEMUNV PIR Occupancy Sensor with Automatic Dimming photocell and 360° Lens [15]
WSPDA	Integral WSPDEMUNV PIR Occupancy Sensor with Automatic Dimming photocell and Aisle Lens [15]
WSPDBT360	Bluetooth Programmable, WSPDBEMUNV PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens [16]
WSPDBTA	Bluetooth Programmable, WSPDBEMUNV PIR Occupancy Sensor with Automatic Dimming Photocell and Aisle Lens [16]
OS1360	On/Off WASP2 Occupancy/Daylight Sensor, 1-relay, 360 lens [17]
OS1A	On/Off WASP2 Occupancy/Daylight Sensor, 1-relay, Aisle lens [17]
Third-Party Control Options	
ODS1360	Dimming Occupancy/Daylight Sensor, 1-relay, 360 lens [18,19]
OSFHU-360	On/ Off Occupancy Sensor, 360 Lens, 120-347V Only [20]
OSFHU-A	On/ Off Occupancy Sensor, Aisle Lens, 120-347V Only [20]
HB011- 360	Dimming Occupancy Sensor, 360 Lens, 120-277V Only [21]
HB011-A	Dimming Occupancy Sensor, Aisle Lens, 120-277V Only [21]

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]
WSPEMUNV	Wasp2 End Mount Occupancy/Daylight Sensor, 120/277/347V
WSPEM480	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.

STOCK

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			
	4'	MM	18,000	14.6	PELFAW4-4	PELFAN4-4	PELWG4-4
		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

Current Lighting Solutions, LLC
701 Millennium Blvd.
Greenville, SC 29607

currentlighting.com/columbialighting

Rev 07/19/22
CO1115_PEL_B_R01