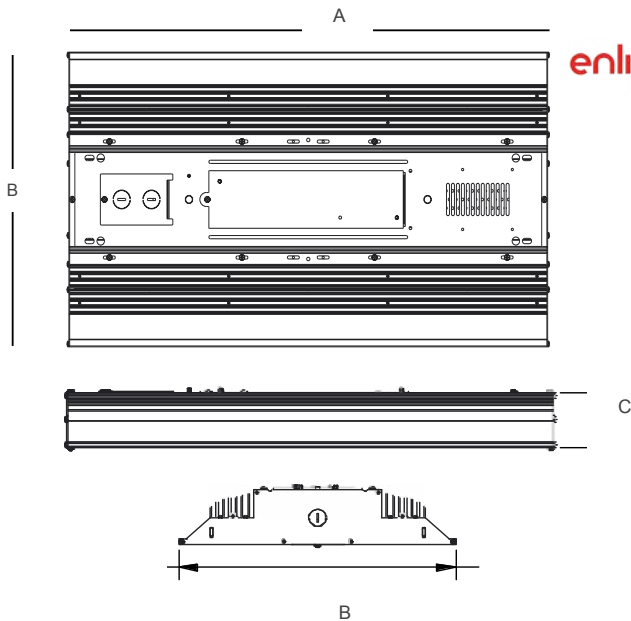# LED HIGH BAY LINEAR
HL SERIES

PRODUCT DESCRIPTION:

The LED Linear Highbay Series offers leading-edge efficacy and scalability for high ceiling applications such as warehouses, distribution centers, manufacturing facilities and big box retailers. Measuring just 14" x 24," the LED luminaires deliver the high lumen output associated with traditional fluorescent and HID highbays in a form factor one-quarter the size.

The Linear Highbay Series can be configured with narrow or wide beam distributions, and emergency controls, for optimal lumen output and energy savings. Choose from cable, pendant and surface mounting options to create a custom solution that meets any lighting requirement.

FEATURES:

- Narrow and wide lens distribution
- Operating temperature -34°C to 50°C (-30°F to 122°F) (100W & 150W) and -34°C to 45°C (-30°F to 113°F) (200W)
- Suitable for Damp locations
- L70 lifetimes projected to be 100,000 hours
- 347-480V option available
- Translucent lens offered for diffuse light
- Wire guard available for additional protection
- 0-10V Dimming standard
- 100W equivalent to 250W fluorescent high bay and 150W & 200W equivalent to 400W HID fixture
- 7 year limited warranty (10 year limited warranty available, contact Maxlite for more info.)

Dimensions			
Product	A	B	C
100W	24.06"	13.69"	2.73"
150W	24.06"	13.69"	4.23"
200W	24.06"	13.69"	4.23"

MODEL SELECTION   Typical order example: HL-150UW-50EM

HL									
FAMILY	**WATTAGE**		**VOLTAGE**	**BEAM SPREAD**	**CCT**	**OPTIONS**			
HL= High Bay Linear	**100=** 100W		**U=** 120-277V	**N=** Narrow	**50=** 5000K	**OMIT=** None	**OMIT=** None	**Omit=** None	
	150= 150W		**H=** 347-480V[1]	**W=** Wide		**EM =** Battery Backup Unit	**MSO=** On/Off Sensor	**TS=** Translucent Lens	
	200= 200W						**MSV=** Bi-Level Sensor	**EN=** Enlighted Ready - Sensor and Relay Installed	
							MSC= CA T24 Sensor	**EN2=** Enlighted Ready - Relay Installed	
								EN3= Enlighted Ready - Labor Only	

NOTES:

1. 347-480V product is not DLC qualified

MaxLite
A NEW WAVE OF LIGHT

LED HIGH BAY LINEAR
HL SERIES

SPECIFICATIONS:

ITEM	SPECIFICATION	HL-100UW-50	HL-100UN-50	HL-150UW-50	HL-150UN-50	HL-200UW-50	HL-200UN-50
		DETAILS					
GENERAL PERFORMANCE	Power Consumption (W)	103.9	103.6	149.9	150.3	195.6	197.6
	Lumens Delivered (lm)	13,400	13,600	19,500	19,300	25,000	25,100
	Efficacy (lm/W)	129	132	130	128	128	127
	CRI	≥70					
	Color Temperature (K)	5000K (Additional CCT available, contact MaxLite for info.)					
	L70 Lifetime (hours)	100,000					
	Color Consistency	Proprietary binning for uniform color					
ELECTRICAL	Power Factor	0.99					
	Input Voltage	120-277V (347-480V optional)					
PHYSICAL	Mounting	Chain Standard (See Mounting Accessories Chart for other options)					
	Operating Temperature	-34°C to 50°C (-30°F to 122°F)				-34°C to 45°C (-30°F to 113°F)	
	Humidity	10-85% RH, non-condensing					
CERTIFICATION	Certification	cULus, DLC Premium, FCC, Lighting Facts					
	Material Usage	RoHS compliant; no mercury					
	Environment	Indoor / Damp					
	Warranty	7 year limited warranty (10 year limited warranty available, contact Maxlite for more info.)					

ORDERING*:

MODEL	MODEL NUMBER	INVENTORY	WATTAGE	DISTRIBUTION
101446	HL-100UW-50	Stock	100	Wide
101447	HL-100UN-50	Made to Order		Narrow
101448	HL-150UW-50	Stock	150	Wide
101449	HL-150UN-50	Made to Order		Narrow
101450	HL-200UW-50	Stock	200	Wide
101451	HL-200UN-50	Made to Order		Narrow

*Please contact your MaxLite representative to order products that don't have order codes listed here.

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ACCESSORIES			
ACCESSORY IMAGE	**MODEL NUMBER**	**ORDER CODE**	**DESCRIPTION**
	HL-WGW-A	101428	14" x 24" High Bay Wire Guard White Finish
	HL-TS-A	101242	High Bay Linear Translucent Lens (2 Required Per Fixture)
	MLCHKLSU15	74138	Cable Kit 15' Loop x Toggle Y 1 Pair
	MLCHKSQ	71119	Cable Kit 20' Loop x Toggle Y 1 Pair
	HL-SMK*	107603	Surface Mount Kit
	HL-MPK*	107604	Monopoint Mount Kit 1.115" Non-Threaded Hole Fits ¾" Pipe

HIGH BAY W/ SURFACE MOUNT KIT:

HIGH BAY W/ MONO-POINT:

ADDITIONAL PERFORMANCE DATA

ELECTRICAL LOAD:

MODEL	SYSTEM WATTAGE				CURRENT WATTAGE (A)			
	120V	277V	347V	480V	120V	277V	347V	480V
HL-100	104	103	102	102	0.95	0.4	0.35	0.25
HL-150	150	147	147	147	1.4	0.6	0.5	0.35
HL-200	197	188	190	190	1.7	0.8	0.6	0.46

LUMEN MAINTENANCE VS. AMBIENT TEMPERATURE @ 100 KHOURS								
-20°C	0°C	10°C	25°C	30°C	35°C	40°C	45°C	50°C
77.15%	77.15%	77.15%	76.19%	76.49%	76.78%	77.06%	77.34%	77.60%

Lumen Output Multiplier vs. Ambient Temperature (HL-200)

Lumen Maintenance 25°C vs. Hours (HL-200)