GKOLED®

LINEAR HIGH BAY

SERIES **GKOMLHG6**



Product Overview

The high-performing Series GKOMLHG6 Linear High Bay is an energy-efficient replacement for traditional T5 or T8 fixtures. It comes in 3 popular sizes, with power & CCT adjustment controls available for 210W.

DLC LISTED PREMIUM · UL CERTIFIED E488272 · DAMP LOCATION · Bluetooth® · LIMITED 5 YEAR WARRANTY

Key Features

CONSTRUCTION:
- Advanced thermal management aluminum alloy housing in a slim and modern design.

FINISH:
- The exterior is protected by a white rust-resistant powder coat finish that provides superior resistance to weathering and corrosion.

OPTICS:
- Light engines are available in standard 4000K and 5000K configurations.
- A range of lumen options available from 12,500 to 42,000 Lumens, replaces up to 16 F54T5 or 18 F32T8.
- Translucent prismatic lens precisely shapes the light output while minimizing glare.

ELECTRICAL:
- Standard 120-277V input voltage, optional 347-480V input voltage.
- Standard 6KV surge protection, meeting the industrial ANSI standards.
- 1-10V dimming driver(s) as default.
- THD: ≤20%, Power Factor: ≥90%.

INSTALLATION:
- Chain mount with included steel mounting cable.
- Pendant mount with special order pendant hanger.
- Optional wire guard protects lens against impact (210W, 270W, and 300W only).

CONTROLS:
- Power & CCT adjustment controls are available for 210W, enabling power selection from 100%, 80%, 60%, or 40%, and CCT selection from 4000K and 5000K.
- Optional plug & play PIR motion sensor - ANT-6-4T (210W Power & CCT Selectable only, field-installed). Remote required to change default motion sensor settings.
- Optional PIR motion sensor - BRI823 / BRI820 (all fixed wattages, factory-installed). Remote-compatible.
- Optional motion sensor remote control - RC-100. Required for changing the plug & play motion sensor default settings, allows the user to program multiple sensors with ease and program the sensor after the fixture is installed.
- Optional emergency battery backup provides up to 90 minutes of operation during outages (factory-installed).
- Bluetooth NLC Listed plug & play PIR motion sensor, utilizing a Bluetooth SIG mesh network operated with iOS, Android, and web, optional for 210W Power & CCT Selectable - ANT-6-4T-BLE-SR (field-installed).

WARRANTY:
- 5 Year Limited Warranty.

LISTINGS:
- DesignLights Consortium® (DLC) Premium qualified.
- UL certified for damp locations.
- Rated for ambient operating temperature -40˚F to 122˚F (-40˚C to 50˚C).

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100 E. Crossroads Pkwy. Ste. C
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Phone: 630-793-9449
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Performance Data

Fixed Power & CCT Model Lumen Output

System Watts	Voltage	Lens	4000K(70CRI)		5000K(70CRI)	
			Lumens	Efficacy	Lumens	Efficacy
90W	120-277V / 347-480V	Prismatic Lens	12500lm	139lm/W	12500lm	139lm/W
130W	120-277V	Prismatic Lens	18000lm	138lm/W	18000lm	138m/W
145W	347-480V	Prismatic Lens	20000lm	138lm/W	20000lm	138m/W
175W	120-277V	Prismatic Lens	25000lm	143lm/W	25000lm	143m/W
185W	347-480V	Prismatic Lens	26000lm	141lm/W	26000lm	141m/W
210W	120-277V	Prismatic Lens	30500lm	145lm/W	30500lm	145m/W
220W	347-480V	Prismatic Lens	31000lm	141lm/W	31000lm	141m/W
270W	120-277V	Prismatic Lens	38000lm	141lm/W	38000lm	141m/W
278W	347-480V	Prismatic Lens	38500lm	138lm/W	38500lm	138m/W
300W	120-277V	Prismatic Lens	42000lm	135lm/W	42000lm	135m/W
310W	347-480V	Prismatic Lens	42800lm	138lm/W	42800lm	138m/W

210W Power & CCT Selectable Model Lumen Output

Setting	System Watts	Voltage	Lens	4000K(70CRI)		5000K(70CRI)	
				Lumens	Efficacy	Lumens	Efficacy
100%	210W	120-277V	Prismatic Lens	30500lm	145lm/W	30500lm	145lm/W
80%	180W	120-277V	Prismatic Lens	26200lm	146lm/W	26200lm	146lm/W
60%	130W	120-277V	Prismatic Lens	20000lm	154lm/W	20000lm	154lm/W
40%	100W	120-277V	Prismatic Lens	14800lm	148lm/W	14800lm	148lm/W

Electrical Data

Number of Drivers	Driver Current (mA)	Nominal Power (W)	Input Voltage (V)	Current (Amps)
1	850	90	120	0.75
		90	208	0.43
		90	240	0.38
		90	277	0.32
	2400	90	347	0.26
		90	480	0.19
1	1200	130	120	1.08
		130	208	0.63
		130	240	0.54
		130	277	0.47
		145	347	0.42
		145	480	0.30
1	1060	175	120	1.46
		175	208	0.84
		175	240	0.73
		175	277	0.63
		185	347	0.53
		185	480	0.39

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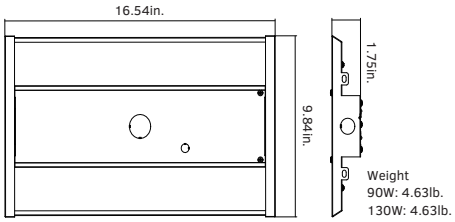
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Electrical Data

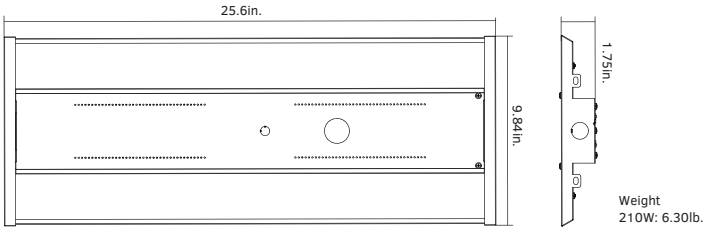
Number of Drivers	Driver Current (mA)	Nominal Power (W)	Input Voltage (V)	Current (Amps)
1	1060	210	120	1.75
		210	208	1.01
		210	240	0.88
		210	277	0.76
		220	347	0.63
		220	480	0.46
2	2400	270	120	2.25
		270	208	1.30
		270	240	1.13
		270	277	0.97
		278	347	0.80
		278	480	0.58
2	2400	300	120	2.50
		300	208	1.44
		300	240	1.25
		300	277	1.08
		310	347	0.89
		310	480	0.65

Dimensions & Weight

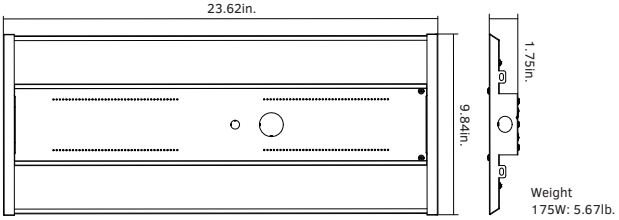
90W / 130W



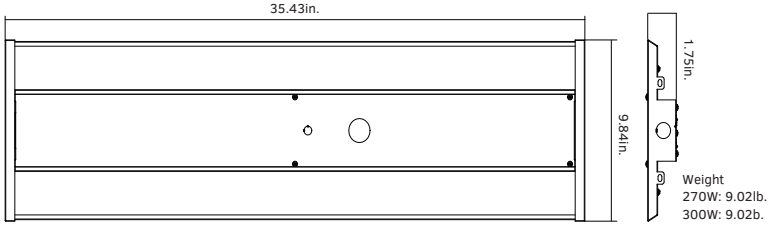
210W



175W



270W / 300W



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Accessories



PIR MOTION SENSOR
Optional factory-installed PIR multi-level motion sensor detects occupancy in an area for additional energy savings. Remote-compatible.



PIR MOTION SENSOR
Optional factory-installed PIR multi-level motion sensor detects occupancy in an area for additional energy savings (90W 480V model only). Remote-compatible.



PLUG & PLAY PIR MOTION SENSOR
Optional field-installed plug & play PIR multi-level motion sensor detects occupancy in an area for additional energy savings (210W Power & CCT Selectable model only). Remote required to change default motion sensor settings.



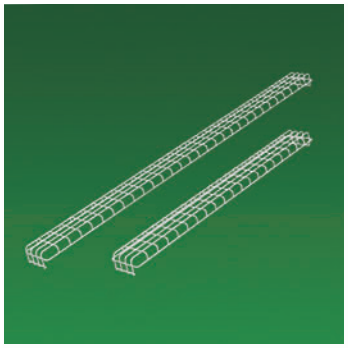
BLUETOOTH NLC LISTED PIR MOTION SENSOR
Optional field-installed plug & play Bluetooth PIR motion sensor adds Networked Control functionality utilizing a Bluetooth SIG mesh network operated with iOS, Android, and web (210W Power & CCT Selectable model only).



MOTION SENSOR REMOTE CONTROL
Optional remote control is required to program the plug & play motion sensor with advanced lighting control options. Compatible with all three non-Bluetooth motion sensors.

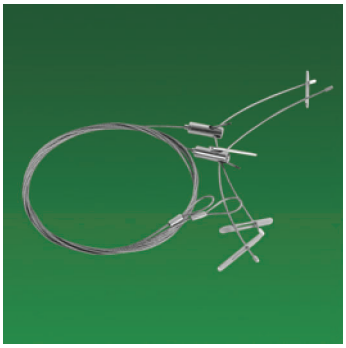


EMERGENCY BATTERY BACKUP
Factory-installed emergency battery backup provides up to 90 minutes of operation during power outages.

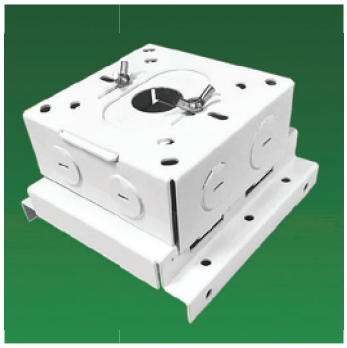


WIRE GUARD
An optional wire guard protects the fixture lens against impact (210W, 270W, and 300W only).

Mounting Options



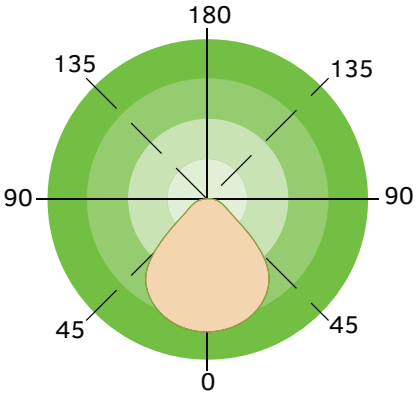
STEEL MOUNTING CABLE
A heavy-duty steel cable is included to accommodate chain mounting.



PENDANT HANGER
A special order pendant hanger box includes everything necessary for pendant mounting the fixture.

Light Distribution

General



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Ordering Information

Linear High Bay Series GKOMLHG6							Example: GKOMLHG6210W27VDDKPD
Fixture Type	**Wattage**	**Voltage**	**CCT**	**Lens**	**Sensor (Optional)**	**Emergency Battery (Optional)**	**Internal Code**
GKOMLHG6	**90W** **130W** **175W** **210W** **270W** **300W**	**27V** 120-277V **48V** 347-480V	**40K** 4000K **50K** 5000K	**PD** Prismatic Lens	**M** With Sensor **Blank** Without Sensor	**B** With Battery **Blank** Without Battery	**Blank** **Alphanumeric**
	210W	**27V** 120-277V	**DDK** Selectable				
	225W	**48V** 347-480V					

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