130W   160W / 205W   250W / 300W   410W

Product Overview

Compact, high-performing Series GKOMLHG7 Linear High Bays are an energy-efficient replacement for traditional T5 or T8 fixtures. Power & CCT adjustment controls are standard on every model, allowing the lighting professional to adjust light output in the field.

Key Features

CONSTRUCTION:
■ Rugged die-cast aluminum 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 selectable 4000K and 5000K configurations.
■ A range of lumen options available from 8,200 to 60,600 lumens, replaces up to 22 F54T5 or 26 F32T8.
■ Translucent prismatic lens precisely shapes the light output for uniform illumination with minimal glare.
■ UGR: <28, as per the DLC 5.1 requirements.

ELECTRICAL:
■ Standard 120-277V input voltage, optional 347-480V input voltage.
■ Standard 6KV surge protection, meeting the industrial ANSI standards.
■ 0-10V dimming driver(s) as default.
■ THD: ≤20%, Power Factor: ≥90%.

WARRANTY:
■ 5 Year Limited Warranty.

CONTROLS:
■ Power & CCT adjustment controls are standard, enabling power selection from 100%, 80%, 60%, or 40%, and CCT selection from 4000K or 5000K.
■ Optional plug & play multi-level motion sensor. Remote required to change default motion sensor settings.
■ Optional motion sensor remote control - required for changing the 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.
■ Bluetooth networked controls that are DLC NLC qualified, utilizing a Bluetooth SIG mesh network operated with iOS, Android, and web.
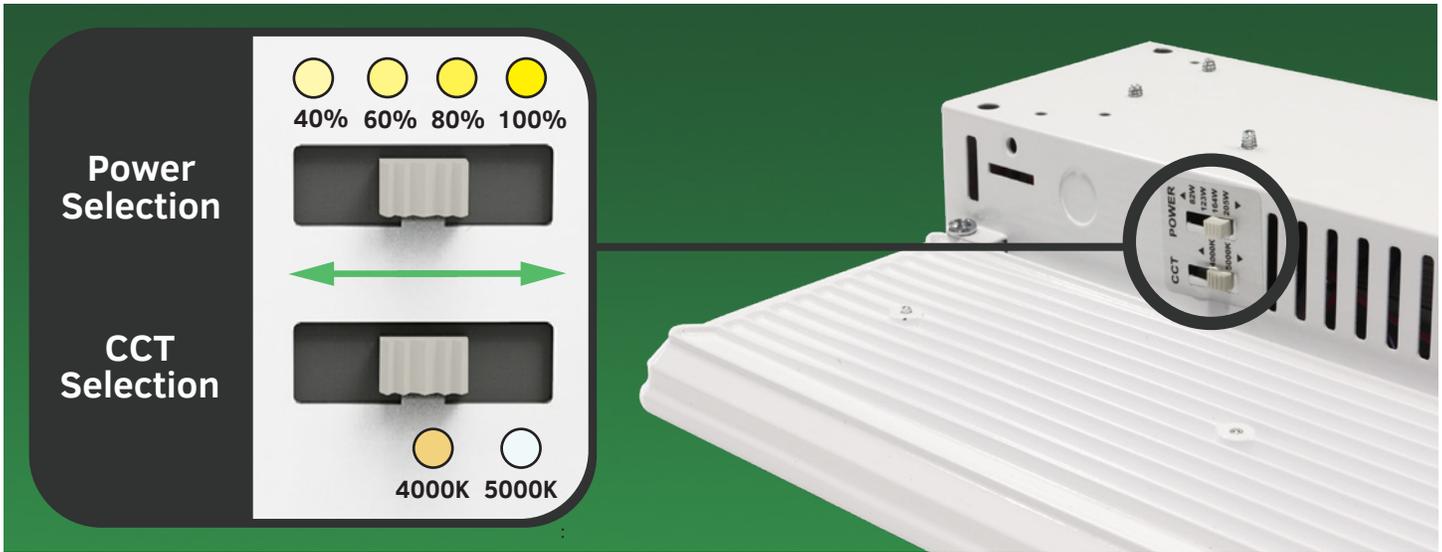
INSTALLATION:
■ Chain mount with included steel mounting cable.
■ Pendant mount with optional pendant hanger.
■ Surface mount with optional surface mounting brackets.
■ Optional wire guard protects lens against impact.

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

GKOLED®

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Power & CCT Adjustment Controls

Standard On All Models

Performance Data

Lumen Output

130W						
Setting	System Watts	CRI	4000K		5000K	
			Lumens	Efficacy	Lumens	Efficacy
100%	130W	80	18500lm	142lm/W	18500lm	142lm/W
80%	104W	80	15200lm	146lm/W	15200lm	146lm/W
60%	78W	80	12100lm	155lm/W	12100lm	155lm/W
40%	52W	80	8200lm	158lm/W	8200lm	158lm/W

160W						
Setting	System Watts	CRI	4000K		5000K	
			Lumens	Efficacy	Lumens	Efficacy
100%	160W	80	24100lm	151lm/W	24100lm	151lm/W
80%	128W	80	20000lm	156lm/W	20000lm	156lm/W
60%	96W	80	15500lm	161lm/W	15500lm	161lm/W
40%	64W	80	10600lm	166lm/W	10600lm	166lm/W

205W						
Setting	System Watts	CRI	4000K		5000K	
			Lumens	Efficacy	Lumens	Efficacy
100%	205W	80	30500lm	149lm/W	30500lm	149lm/W
80%	164W	80	25000lm	152lm/W	25000lm	152lm/W
60%	123W	80	19500lm	159lm/W	19500lm	159lm/W
40%	82W	80	14000lm	171lm/W	14000lm	171lm/W

250W						
Setting	System Watts	CRI	4000K		5000K	
			Lumens	Efficacy	Lumens	Efficacy
100%	250W	80	36100lm	144lm/W	36100lm	144lm/W
80%	200W	80	30200lm	151lm/W	30200lm	151lm/W
60%	150W	80	24000lm	160lm/W	24000lm	160lm/W
40%	100W	80	16400lm	164lm/W	16400lm	164lm/W

300W						
Setting	**System Watts**	**CRI**	**4000K**		**5000K**	
			Lumens	**Efficacy**	**Lumens**	**Efficacy**
100%	300W	80	42000lm	140lm/W	42000lm	140lm/W
80%	240W	80	36000lm	150lm/W	36000lm	150lm/W
60%	180W	80	28000lm	156lm/W	28000lm	156lm/W
40%	120W	80	20000lm	167lm/W	20000lm	167lm/W

410W						
Setting	**System Watts**	**CRI**	**4000K**		**5000K**	
			Lumens	**Efficacy**	**Lumens**	**Efficacy**
100%	410W	80	60600lm	148lm/W	60600lm	148lm/W
80%	328W	80	50000lm	152lm/W	50000lm	152lm/W
60%	246W	80	38400lm	156lm/W	38400lm	156lm/W
40%	164W	80	28000lm	171lm/W	28000lm	171lm/W

Electrical Data

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	Input Voltage (V)	Current (Amps)
1	600	130	120	1.08
		130	208	0.63
		130	240	0.54
		130	277	0.47
		130	347	0.37
		130	480	0.27
1	750	160	120	1.33
		160	208	0.77
		160	240	0.67
		160	277	0.58
		160	347	0.46
		160	480	0.33
1	1000	205	120	1.71
		205	208	0.99
		205	240	0.85
		205	277	0.74
		205	347	0.59
		205	480	0.43
1	1200	250	120	2.08
		250	208	1.20
		250	240	1.04
		250	277	0.90
		250	347	0.72
		250	480	0.52
1	1480	300	120	2.50
		300	208	1.44
		300	240	1.25
		300	277	1.08
		300	347	0.86
		300	480	0.63
2	1000	410	120	3.42
		410	208	1.97
		410	240	1.71
		410	277	1.48
		410	347	1.18
		410	480	0.85

Dimensions & Weight

130W

14.17in.

1.65in.

9.45in.

Weight
130W: 3.21lb.

160W / 205W

18.11in.

1.65in.

11.02in.

Weight
160W: 4.63lb.
205W: 4.79lb.

250W / 300W

26.77in.

1.65in.

11.02in.

Weight
250W: 6.78lb.
300W: 6.85lb.

410W

36.22in.

1.65in.

11.02in.

Weight
410W: 9.59lb.
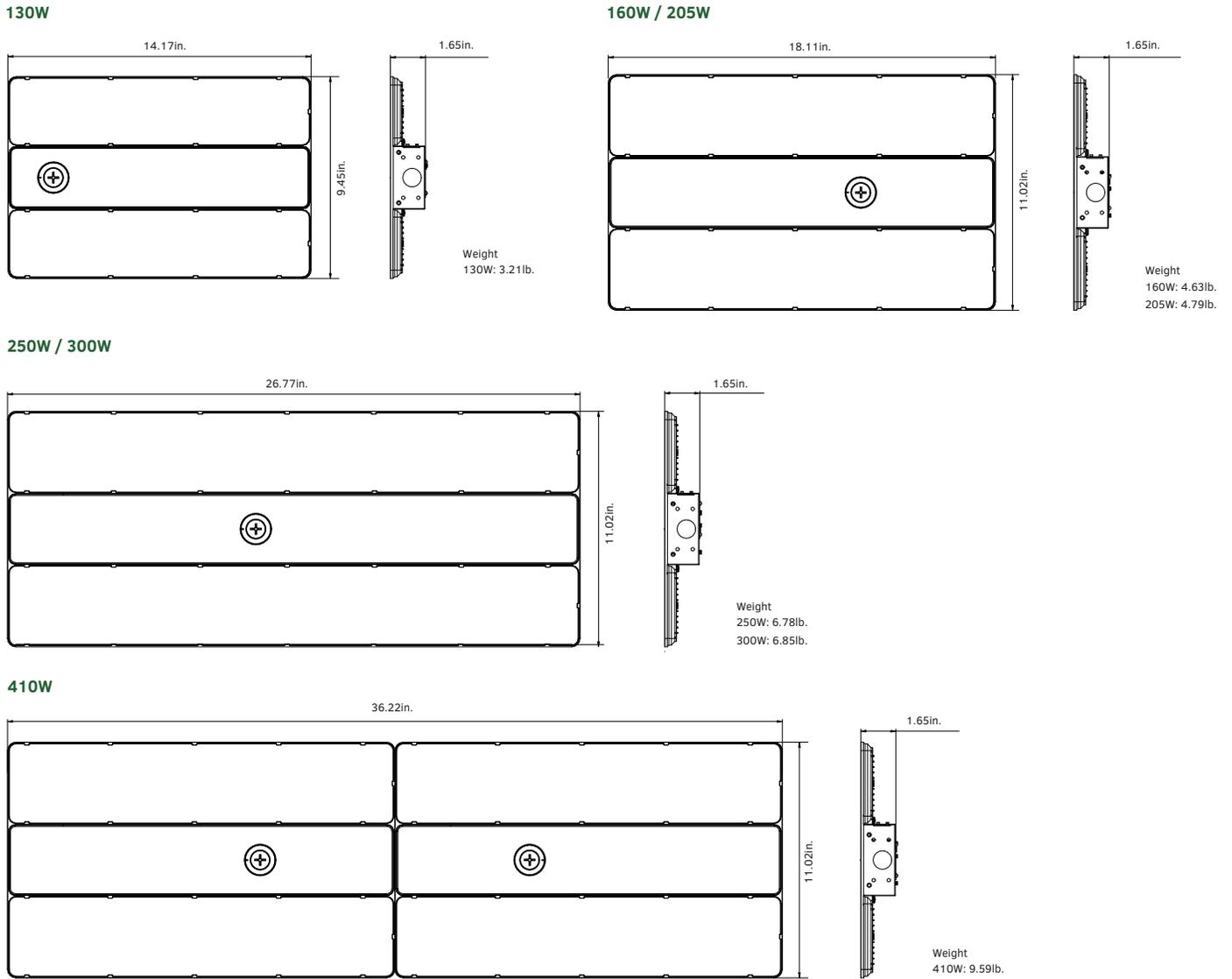
Accessories

MULTI-LEVEL MOTION SENSOR
Optional plug & play multi-level motion sensor detects occupancy in an area for additional energy savings. Remote required to change default motion sensor settings.

MOTION SENSOR REMOTE CONTROL
Optional remote control is required to program the motion sensor with advanced lighting control options.

EMERGENCY BATTERY BACKUP
Special order emergency battery backup provides up to 90 minutes of operation during power outages.
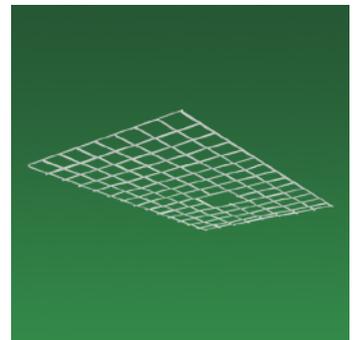
WIRE GUARD
An optional wire guard protects the fixture lens against impact.
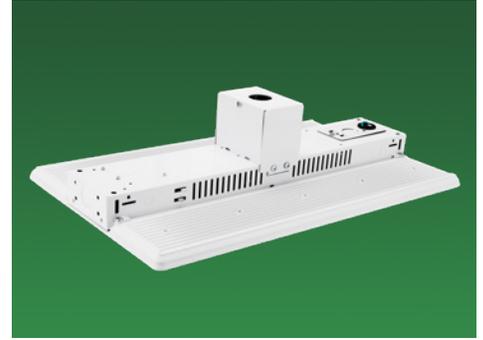
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Mounting Options

CHAIN MOUNTING
A heavy-duty steel cable is included with every fixture to accommodate chain mounting.

SURFACE MOUNTING
A set of optional surface mounting brackets allow the fixture to be directly mounted to the ceiling.
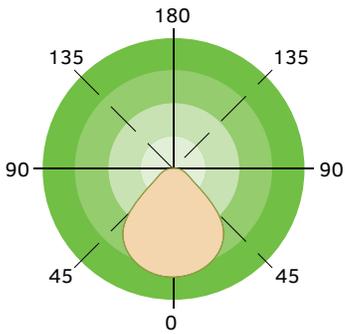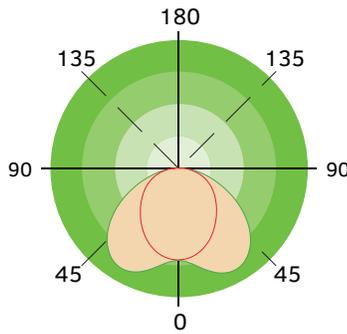

CONDUIT PENDANT MOUNTING
An optional pendant hanger box includes everything necessary for pendant mounting the fixture using a standard 3/4" conduit (conduit not included).
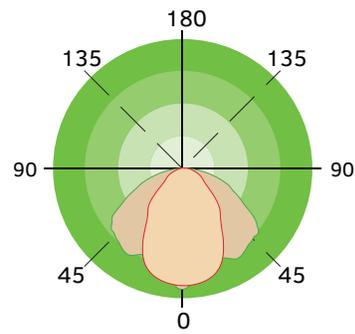
Light Distribution

General

Aisle

Narrow

Ordering Information

Linear High Bay Series GKOMLHG7								Example: GKOMLHG7130W27VDDKPD
Fixture Type	**Wattage**	**Voltage**	**CCT**	**Finish**	**Lens**	**Sensor (Option)**	**Emergency Battery (Option)**	**Internal Code**
GKOMLHG7	130W	27V 120-277V	DDK Power & CCT Selectable	W White	PD Prismatic Lens	M With 120-277V Sensor	B With Battery	Blank
	160W	48V 347-480V			AL Aisle Lens	Blank Without Sensor	Blank Without Battery	Alphanumeric
	205W				ND Narrow Lens			
	260W							
	300W							
	410W							