



G4
SKYLINE
HIGH·BAY

SKYLINE G4

Power Selectable Linear Highbay

HBEL Power Selectable Linear Highbay



DESCRIPTION

LED Linear Highbay/Power Selectable/
120-277V(347-480V optional with transformer)/
0-10V Dimming/95°x95° distribution comes standard (40°x110° optional)



PRODUCT FEATURES

- Architectural grade compact design
- Frosted lens eliminates glare
- PF>0.9, THD<20%
- 95°x95° distribution comes standard (40°x110° aisle distribution optional)
- 120-277Vac universal input(347-480V optional with step down transformer)
- Emergency backup options available
- Receptacle Pre-installed, PNP Sensor order separately
- BLE Mesh Control(LLLC) and Circuit Level Control(LALC) options available
- Feature Power Selectable Technology. Adjust power between three selections
- V-hook and chain mounting accessories included

PRODUCT SPECIFICATIONS

Parent Part Number	DLC Listed Children Part Number	Product ID	Input	Watts (W)	Efficacy (LM/W)	Lumens (LM)
HBELD-270P-40F-G4	HBELD-270P-40F-[Blank,Sx,Ex]-G4	S-PHFYOE	120-277VAC	254	152.3	38,709
	HBELD-270P-40F-[Blank,Sx,Ex]-G4 *factory setting 230W*	S-90GWX7	120-277VAC	219	154.5	33,899
	HBELD-270P-40F-[Blank,Sx,Ex]-G4 *factory setting 200W*	S-VNGH2Q	120-277VAC	193	156.8	30,213
HBELD-270P-50F-G4	HBELD-270P-50F-[Blank,Sx,Ex]-G4	S-1NPJRC	120-277VAC	255	154.9	39,521
	HBELD-270P-50F-[Blank,Sx,Ex]-G4 *factory setting 230W*	S-ITY3QC	120-277VAC	219	157.1	34,471
	HBELD-270P-50F-[Blank,Sx,Ex]-G4 *factory setting 200W*	S-MPN8G7	120-277VAC	193	159.5	30,723
HBELC-200P-40F-G4	HBELC-200P-40F-[Blank,Sx,Ex]-G4	S-4C63PO	120-277VAC	189	151.6	28,580
	HBELC-200P-40F-[Blank,Sx,Ex]-G4 *default setting 185W*	S-NQAZBM	120-277VAC	175	153.4	26,839
	HBELC-200P-40F-[Blank,Sx,Ex]-G4 *default setting 155W*	S-V25KHZ	120-277VAC	147	157.0	23,029
HBELC-200P-50F-G4	HBELC-200P-50F-[Blank,Sx,Ex]-G4	S-QPDFM6	120-277VAC	188	152.9	28,758
	HBELC-200P-50F-[Blank,Sx,Ex]-G4 *default setting 185W*	S-7TJX38	120-277VAC	175	154.7	27,069
	HBELC-200P-50F-[Blank,Sx,Ex]-G4 *default setting 155W*	S-K3N2WH	120-277VAC	147	158.4	23,226
HBELB-135P-40F-G4	HBELB-135P-40F-[Blank,Sx,Ex]-G4	S-3WL7FP	120-277VAC	127	153.1	19,373
	HBELB-135P-40F-[Blank,Sx,Ex]-G4 *default setting 115W*	S-5JLVE4	120-277VAC	107	156.9	16,833
	HBELB-135P-40F-[Blank,Sx,Ex]-G4 *default setting 100W*	S-KT7M3P	120-277VAC	95	159.5	15,100
HBELB-135P-50F-G4	HBELB-135P-50F-[Blank,Sx,Ex]-G4	S-2WIFUO	120-277VAC	126	155.2	19,623
	HBELB-135P-50F-[Blank,Sx,Ex]-G4 *default setting 115W*	S-OQ8MEU	120-277VAC	107	159.1	17,065
	HBELB-135P-50F-[Blank,Sx,Ex]-G4 *default setting 100W*	S-12C83P	120-277VAC	95	161.7	15,308

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LUMEN MAINTENANCE

Model	Ambient Test Temp	Reported Hrs	0 Hrs	25,000 Hrs	50,000 Hrs	TM21-11* 60,000 Hrs	100,000 Hrs	Calculated L70 Hrs
HBELB-135P-XXF-G4	25°C/77°F	60,000	1	0.94	0.88	0.85	0.76	132,000
HBELC-200P-XXF-G4	25°C/77°F	60,000	1	0.94	0.88	0.85	0.76	132,000
HBELD-270P-XXF-G4	25°C/77°F	60,000	1	0.94	0.88	0.86	0.77	134,000
HBELE-400P-XXF-G4	25°C/77°F	60,000	1	0.94	0.88	0.86	0.77	134,000

¹ Δ Projected per IESNA TM-21-11
[‡] DLC Reported Hours = Max 6x LM-80 tested duration (SSC STWxC25B-XX@9,000 Hrs)

CONTROL SYSTEM

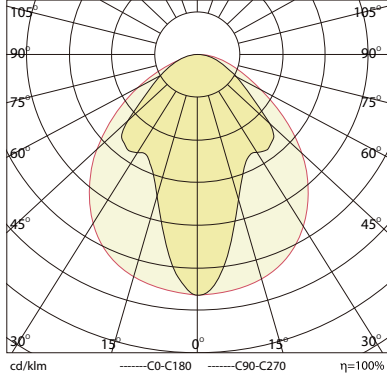
LLLC-LUMINAIRE LEVEL LIGHTING CONTROL (MESH NETWORK)*		
ATG Code	Description	Model Number
W4	Bi-Level PIR Occ sensor	PSC-BL-I-FM-DCO-BLE-SR
W5	Bi-Level PIR Occupancy Sensor Side Mounted,100-277V	PSC-BL-I-FM-110-BLE-SR
P7	12V Power Supply for fixture mount w/relay	PSC-AC-PP-700C
P4	12V Power Supply for fixture mount (no relay)	PSC-AC-PP-400
L1	LENS.LOW BAY 30FT H X60FT DIA WH	PIR-BLO1-F3-LBL
L2	LENS.LOWBAY 30FT H X60FT DIA BN	PIR-BLO1-F3-LBL-BN
L3	LENS.HIGH BAY 4FT HX 70FT DIAWH	PIR-BLO1-F5-HBL
L4	LENS.HIGH BAY 4FT HX 70FT DIA BN	PIR-BLO1-F5-HBL-BN
AI	Arm.High Bay Offset extension	ARM
LALC-LOCAL AREA LIGHTING CONTROL (CIRCUIT LEVEL)*		
ATG Code	Description	Model Number
W4	Bi-level PIR Occ sensor	PSC-BL-I-FM-DCO-BLE-SR
W9	12V Wireless Fixture Controller	PSC-WCM-50-DCO-BLE-SR
P5	Room controller, KO mounted 120-277n/12Vc and 0-10Vout/16A	PSC-WCM-450-BLE-SR
P7	12V power supply for fixture mount with relay	PSC-AC-PP-700C
LALC-LOCAL AREA LIGHTING CONTROL (CIRCUIT LEVEL)		
ATG Code	Description	Model Number
SO	Microwave Motion Sensor for G4 Skyline Highbay, 12VDC Driven	IFS05SE
RI	Remote for IFS05SE	RM-51

* For more information about LLLC and LALC system, please contact our sales team.

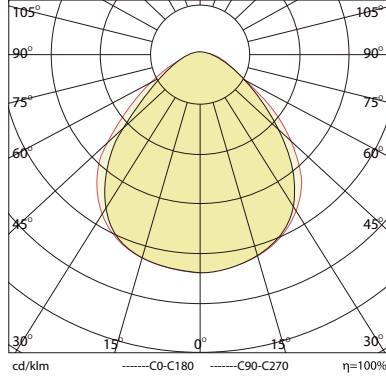


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LIGHT DISTRIBUTION PATTERN

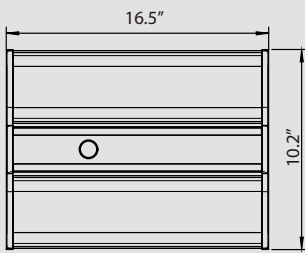


AISLE DISTRIBUTION

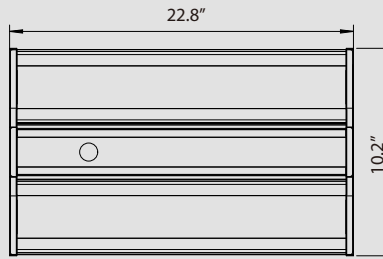


STANDARD DISTRIBUTION

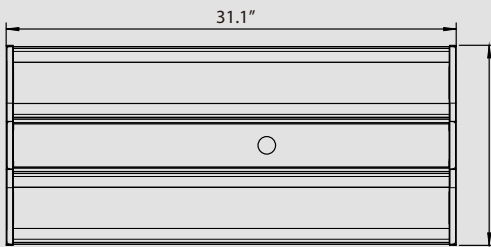
PHYSICAL SPECIFICATIONS



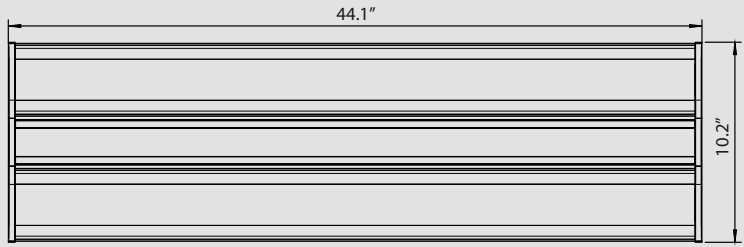
HBELB



HBELC



HBELD



HBELE

Part Number	Length	Width	Depth
HBELB-135P-XXF-G4	16.5"	10.2"	1.77"
HBELC-200P-XXF-G4	22.8"	10.2"	1.77"
HBELD-270P-XXF-G4	31.1"	10.2"	1.77"
HBELE-400P-XXF-G4	44.1"	10.2"	1.77"

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ADDITIONAL ACCESSORIES (SOLD SEPARATELY)

ATG CODE	MODEL NUMBER	DESCRIPTION
WGB	WG-HBEL-G4-B	Wire Guard for Skyline G4,Model B
WGC	WG-HBEL-G4-C	Wire Guard for Skyline G4,Model C
WGD	WG-HBEL-G4-D	Wire Guard for SkylineG4,Model D
PMK	PMK-HBEL-G4	Pendant Mount Kit for Skyline G4
SMK	SMK-HBEL-G4	Surface Mount Kit for Skyline G4
EJ	EMA20YY-050	Emergency Battery Backup



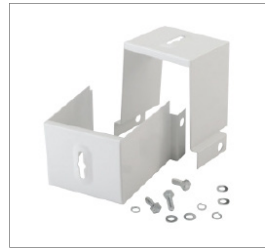
EMA20YY-50



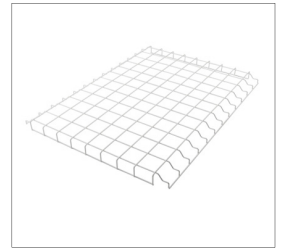
GE480/277-250W(375W)



PMK-HBEL-G4



SMK-HBEL-G4



WG-HBEL-G4-B

ORDER FORMAT

Series	Length	Wattage	CCT	Lens	Distribution*	Input	Photocell	EM	Generation
HBEL	B=1.4FT	135P=135W/115W/110W Adjustable	40=4000K	F=Frosted	Blank=95°X95° distribution	Blank=100-277	SO=IFS05SE	EJ=EMA20YY-050	G4=Gen 4
	C=1.9FT	200P=200W/185W/155W Adjustable	50=5000K		A=40°X110° distribution	V=347-480V	SP=ANT-4D-VAL		
	D=2.6FT	270P=270W/230W/200W Adjustable					RI=RM51		
	E=3.7FT	400P=400W/360W/270W Adjustable☆					R1=RC-100		
							LLLC System☆		
							LALC System☆		

☆ For more information about LLLC and LALC system, please see accessory list below and contact our sales team.

* Please contact our sales team for lead time about Aisle lens.

** Accessories are ordered separately. These are not included in default packing.

☆ 400P model is not DLC listed yet.

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RELOC CABLES



OCS
Circuit Selector



OCU
Cord Unselectable



OD
Drop Cable

Examples	Ships Separately (Field Installation)	Ships Attached (Factory Installation)	Fixture w/o RELOC	Fixture with RELOC
		OCS 277	OCS	IBZ 454L GEB10PS90
	OCS 120 18/3G 10	OCS4C10	IBZ 454L GEB10PS90	IBZ 454L 120 GEB10PS90 EL14 OCS4C10

ORDERING INFORMATION

For shortest lead times configure product using bolded options.

Example: OCS 120 18/3G 10

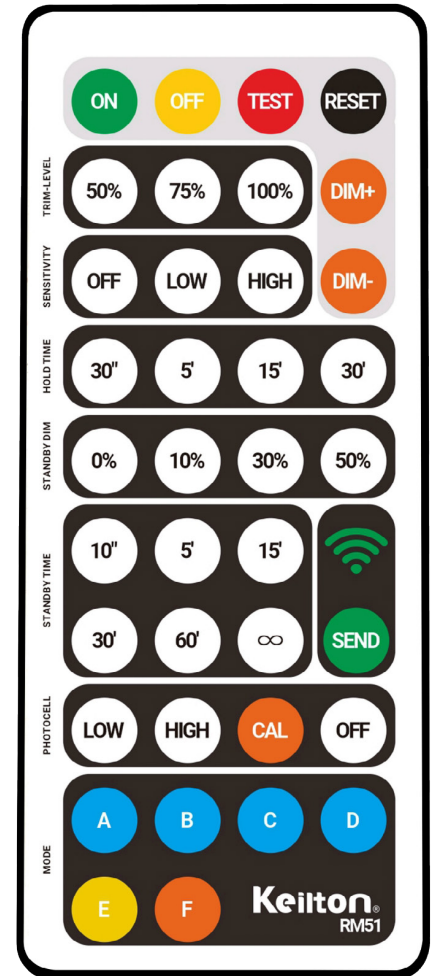
Series	Voltage	Conductors	Length	Modular Plug	Connector Type ‡	Device Color	Options	
OCS ‡	120	120V ‡	For 120, 277 and 347 Volts	(blank) 6ft.	RRL RELOC®-ready luminaires	(blank) Not required	(blank) White	CSA Required when ordered for Canada ‡
	208	208V	(blank) Three 18 AWG conductors, including ground	10 10ft.	L515 120V - NEMA L5 - 15R	(blank) White		
	240	240V	18/3G Four 18 AWG conductors, including ground ‡	15 15ft.	L520 120V - NEMA L5 - 20R			
	277	277V ‡		20 20ft.	L715 277V - NEMA L7 - 15R			
	347	347V ‡		25 25ft.	L720 277V - NEMA L7 - 20R			
	480	480V	For 208, 240 and 480 Volts ‡	30 30ft.	L615 208V - NEMA L6 - 15R			
			(blank) Four 18 AWG conductors, including ground	35 35ft.	L620 208V - NEMA L6 - 20R			
				40 40ft.	L820 480V - NEMA L8 - 20R			
				45 45ft.				
				50 50ft.				

‡ Option Value Ordering Restrictions & Notes	
Option value	Restriction
120, 277, 347	For 2 neutral applications, order OCU with TAP22N to tap the second hot and neutral.
18/3G	When ordered with 120 or 277 or 347 volts, two selector switches will be provided for selection of any 2 of the 3 tap positions available.
Connector Type	NEMA receptacles available with three 18AWG conductors only.
CSA	Product label for fixture drops must state: "Not for interruption of current" when ordered for Canada.
For 208, 240 and 480 Volts	Single circuit or 3 phase applications with 208 or 240 or 480 volts have two selector switches for selecting any 2 of the 3 tap positions. For two circuit 208 or 240 or 480 volt applications, order OCU with TAP34 to tap the second circuit.
OCS	For ordering attached to an Acuity Brands lighting fixture, simply move the voltage before the ballast description and remove all other spaces from the OCS catalog number (see examples above).
RRL	For use with fixtures. Fixture must have RRL and wiring instruction installed to use this option. See fixture spec sheet for details and availability. See RRL spec sheet for connector details.

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BUTTON OPERATION

BUTTON	DESCRIPTION
ON	Turns On Luminaires
OFF	Turns OFF Luminaires
TEST	Test mode will last 5mins then return to previous setting. Test mode:hold time 2s,standby Dim level 50%standby time 2s.
RESET	Trim-High=100% sensitivity=High T1=5min Standby Dim=30%, T2=60min Photocell=OFF
DIM+/-	Remote will manually dim luminaire up or down by increments of 0.5volts.Must be smooth dimming if holding dimming button.
TRIM-LEVEL	Set Maximum threshold value 50/75/100%
SENSITIVITY	OFF(PIR OFF Enter PC ON/OFF function)/LOW(50%)/HIGH(100%)
HOLD TIME	(time of no occupancy after which fixture goes to standby) 30s/5min/15min/30min
F MODE DAYLIGHT HARVESTING	(Enable/Disable)Measure and set feature to allow the fixture to maintain a light level.If turned ON.
STANDBY DIM	Select any standby dim level 0/10/30/50%
STANDBY TIME	Stand bytime- 10s/5min/15min/30min/1h/∞."∞"means the stand-by time is infinite and the fixture is effectively controlled by the daylight sensor.
PHOTOCELL	LOW(1fc) and HIGH(50fc)CAL Collecting The current Lux Level/OFF
MODE	Set settings to a Program profile A to F
SEND	Send setting to sensor
DEFAULT MODE A	Trim-High=100% sensitivity=low, T1=30min Standby Dim=50% T2=8,Photocell=CAL
DEFAULT MODE B	Trim-High=100%, sensitivity=low, T1=30min StandbyDim=50%, T2=15min,Photocell=CAL
DEFAULT MODE C	Trim-High=100%, sensitivity=low, T1=30min Standby Dim=50%, T2=15min,Photocell=OFF
DEFAULT MODE D	Trim-High=50% sensitivity=low, T1=30s StandbyDim=50%, T2=30min,Photocell=CAL
DEFAULT MODE E	Manual Mode,Trim-High=100%
DEFAULT MODE F	Daylight Harvesting,Trim-Low=50%, sensitivity=low, T1=15min



A Mode

- 1.Turn OFF the light while ambient light >Photocell threshold(CAL set).
- 2.Turn the light to full-ON(100% trim level) while ambient light < Photocell threshold AND occupancy detected.
- 3.Dim the light to Standby DIM level after 30 mins(hold time) elapsed, and keep the brightness level until dawn.

B Mode

- 1.Turn OFF the light while ambient light >Photocell threshold(CAL set).
- 2.Turn the light to full-ON(100% trim level) while ambient light < Photocell threshold AND occupancy detected.
- 3.Dim the light to Standby DIM level after 30 mins(hold time) elapsed.
- 4.Turn OFF the light if no occupancy detected within another 1/2 TIME.

C Mode

- 1.Ambient light sensor(photocell) is disabled
- 2.Turn the light to full-ON while occupancy detected.
- 3.Dim the light to Standby DIM level after 30 mins(delay time) elapsed.
- 4.Turn OFF the light if no occupancy detected within another 1/2 TIME(standby time).

D Mode

- 1.Turn OFF the light while ambient light > Photocell threshold(CAL set).
- 2.Turn the light to 50%(Trim level) while ambient light <Photocell threshold(CAL set) AND occupancy detected.
- 3.Turn OFF the light if no occupancy detected within 30 mins(standby time).

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QUICK ORDERING GUIDE

✓	Part Number	Description	QUICK SHIPPING*
	HBELB-135P-40F-G4	G4 Skyline Linear Highbay,1-10V dimming,1.4FT,135W/115W/100W4000K, 100-277VACFrosted Lenswith 12VDC AUX	
	HBELB-135P-50F-G4	G4 Skyline Linear Highbay,1-10V dimming,1.4FT,135W/115W/100W,5000K, 100-277VAC,Frosted Lens,with 12VDC AUX	✓
	HBELC-200P-40F-G4	G4 Skyline Linear Highbay,1-10V dimming,1.9FT200W/185W/155W,4000K, 100-277VACFrosted Lenswith 12VDC AUX	
	HBELC-200P-50F-G4	G4 Skyline Linear Highbay,1-10V dimming,1.9FT200W/185W/155W5000K, 100-277VAC,Frosted Lenswith 12VDC AUX	✓
	HBELD-270P-40F-G4	G4 Skyline Linear Highbay, 1-10V dimming,2.6FT270W/230W/200W,4000K, 100-277VA,Frosted Lenswith 12VDC AUX	
	HBELD-270P-50F-G4	G4 Skyline Linear Highbay,1-10Vdimming,2.6FT270W/230W/200W,5000K, 100-277VAC,Frosted Lens,with 12VDC AUX	✓
	HBEL3-400P-40F-G4	G4 Skyline Linear Highbay,1-10V dimming,3.7FT400W/360W/270W,4000K, 100-277VAC,Frosted Lens,with 12VDC AUX	
	HBEL3-400P-50F-G4	G4 Skyline Linear Highbay,1-10V dimming,3.7FT400W/360W/270W,5000K, 100-277VAC,Frosted Lenswith 12VDC AUX	
	WG-HBEL-G4-B	Wire Guard for HBELB(1.4FT)Skyline G4 Linear HB	✓
	WG-HBEL-G4-C	Wire Guard for HBELC(1.9FT)Skyline G4 Linear HB	✓
	WG-HBEL-G4-D	Wire Guard for HBELD(2.6FT) Skyline G4 Linear HB	✓
	WG-HBEL-G4-E	Wire Guard for HBELE(3.7FT)Skyline G4 Linear HB	
	PMK-HBEL-G4	Pendant Mount Kit for Skyline G4 Linear HB	✓
	SMK-HBEL-G4	Surface Mount Kit for Skyline G4 Linear HB	✓
	IFS05SE	Bi-Level PIR Sensor for G4 Skyline Linear HB, 12VDC	✓
	RM51	Remote Control for EFS06R&IFS05SE Sensor	✓
	EMA20YY-050	Emergency Battery Backup	✓

* QUICK SHIPPING means this is a inventory product, please contact our sales for realtime stock information.