

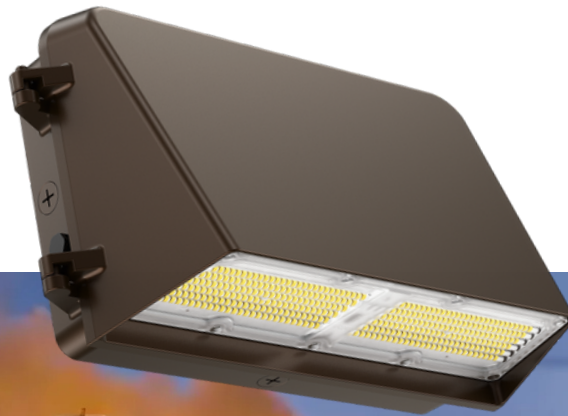


HBBH19

LED Wall Lighting for Safe Environments

Efficient lighting solutions designed as per space requirements

160 lumens/watts



+852 3853 3890

www.hazbrite.com



ABOUT US

- Trusted provider of robust LED lighting engineered for the most challenging industrial settings
 - Supporting clients across industries like oil & gas, mining, manufacturing, and marine sectors.
 - Committed to excellence, reliability, and adherence to the highest safety standards.
-

WHY CHOOSE HAZBRITE

⇒ SAFETY YOU CAN COUNT ON :

- Thoroughly tested by experts to meet stringent safety requirements.
- Compliant with industry-leading certifications and protocols.
- Built to deliver long-lasting performance in demanding condition.

⇒ FAST AND RELIABLE DELIVERY OF PRODUCTS :

- Majority of orders fulfilled on time delivery.
- Immediate availability of products for urgent needs.
- Real-time tracking for complete visibility and control.

⇒ EXPERTISE DRIVEN SERVICES :

- Dedicated support team with deep industry knowledge.
- Customized lighting solutions tailored to your project's need.
- Comprehensive after-sales support and maintenance.

⇒ ECO - CONSCIOUS SOLUTIONS ;

- High-efficiency lighting that cuts energy usage.
 - Environmentally responsible design and packaging.
 - Sustainable products that reduce waste and operational costs.
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**SETTING THE STANDARD IN SAFETY-ORIENTED
LIGHTING FOR CRITICAL, HAZARDOUS & SAFE
OPERATIONS ALIKE.**

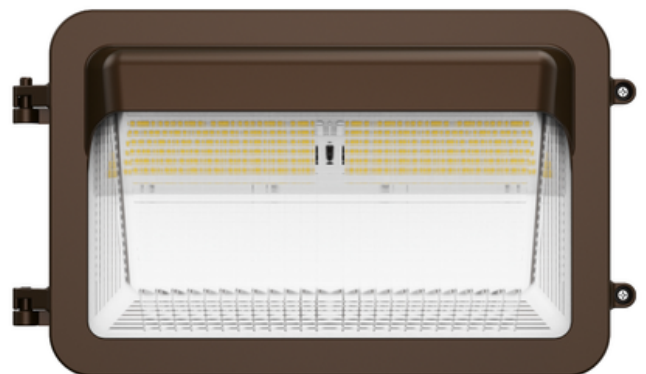
GENERAL INFORMATION

Electrical Class	CLASS I
CCT Selection DIP switch	YES
Power selection DIP switch	YES
Emergency	OPTIONAL
Sensor	NO
Light source SDCM	<5
Impact resistance	SEMI CUT-OFF: —/FULL CUT-OFF: IK08
Ingress protection	IP66
Category of corrosion	C3(ISO 9223:2012)
Certification	ETL/DLC
Warranty (Years)	5

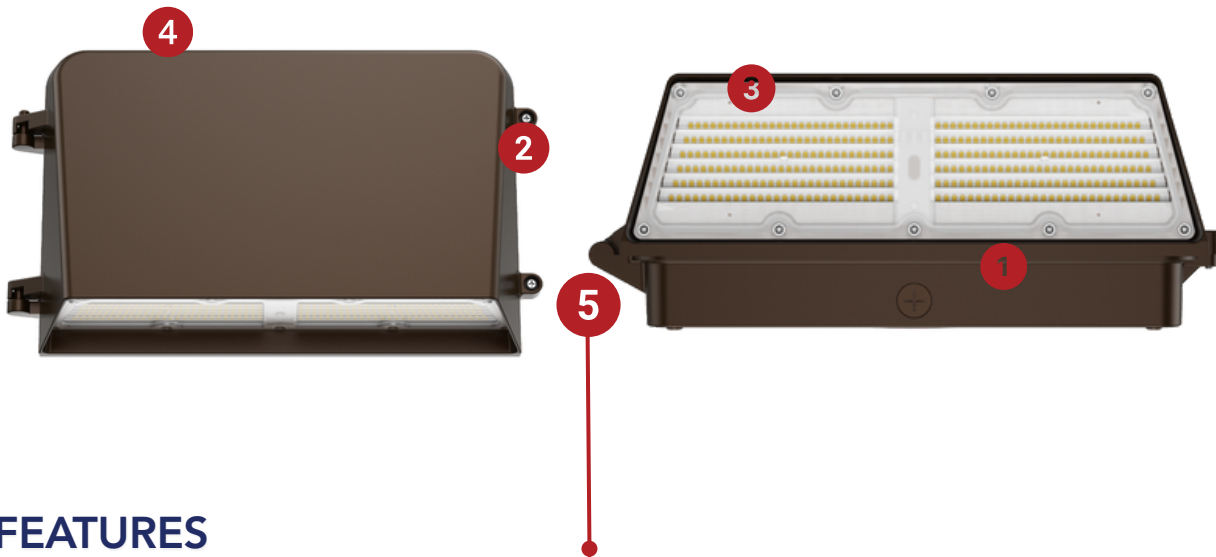


STANDARD MATERIALS

- Housing materials - Aluminium Alloy
- Housing finish - Powder carbonate
- Optic materials - Polycarbonate
- Fixture color - Bronze(RAL8019)



Note : Product Specifications and Design subject to change without notice



KEY FEATURES

1. Fixture could swap into either full cut-off or semi cut-off wall pack to reduce SKU further.
2. 160 LPW @4000K 70Ra
3. 3CCT and power select as standard
4. IP66 and IK08(Full Cut-off)
5. Built-in photocell and EM Backup as option
6. Tempered glass cover for semi cut-off version, and PC lens for full cut-off version.

ADDITIONAL FEATURES

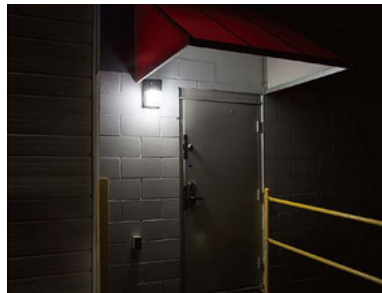
- Input Voltage : 120-277 VAC, 120-347 VAC, 50 / 60 Hz
- Efficacy : 160lm/W(4000K Ra70)
- Power Factor : >0.90
- CCT Adjustable (3000K/ 4000K /5000K)
- Surge Protection : 6kV line-line, 6kV line-earth
- Control : 0-10V Dimmable, Photocell Optional
- CRI(Ra) : 70
- Operating temperatures : -30°C to + 50°C
- Wall mounting options



APPLICATIONS



Schools



Entrances



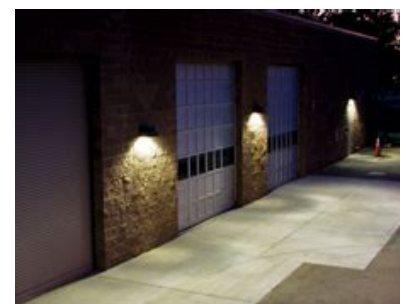
Hotels



Warehouses



Parking Lots



Residential Areas

TECHNICAL DATA

CODE		HBBH19-80WS-3CS		HBBH19-120WS-3CS	
NOMINAL WATTAGE (W)		80 Max (60/40 optional)		120 Max (100/80 optional)	
DRIVER TYPE		Constant Current (CC)			
CONTROL		0-10V/Photocell			
NOMINAL INPUT VOLTAGE (V)		120-277Vac/120-347 Vac, 50/60Hz			
POWER FACTOR (AT FULL LOAD)		>0.9			
FLICKER FACTOR		<1%			
THD		<15%@120-277 V/<20%@120-347 V			
SURGE PROTECTION		6KV L-L, 6KV L-E			
LIGHT SOURCE		LED2835			
COLOR RENDERING INDEX		Ra70			
GENERAL LUMINOUS EFFICACY (lm/W)		160lm/W@4000K Ra70			
COLOR TEMPERATURE (K)		3-CCT: 3000K+4000K+5000K			
LUMINOUS FLUX (lm) ±10% Ra70	3-CCT	80W: 11500-15000 60W: 8500-11000 40W: 5800-7500	80W: 11000-14200 60W: 8100-10500 40W: 5500- 7100	120W:17500-22500 100W: 14000-18500 80W: 11500-14500	120W:16000-21000 100W: 13000-17000 80W: 10500-14000
BEAM ANGLE		U00604	U00A20	U00603	U00A19
UGR		-			
OPERATING TEMPERATURE(°C/°F)		-30 to +50(-22 to +122)			
Lifespan of LED @Ta=25°C(hrs)		50,000-L90B50			
		104,000-L80B50			
		166,000-L70B50			

MOUNTING OPTIONS



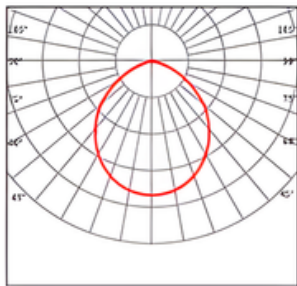
SEMI CUT-OFF



FULL CUT-OFF

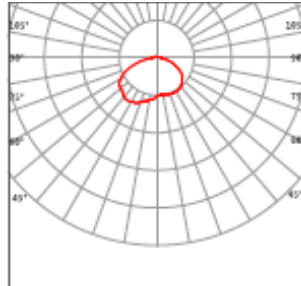
BEAM DISTRIBUTION DATA

80W Full Cut-off



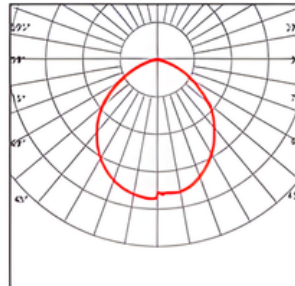
Asymmetrical intense 100x107°,
tilt48°
U00604

80W Semi Cut-off



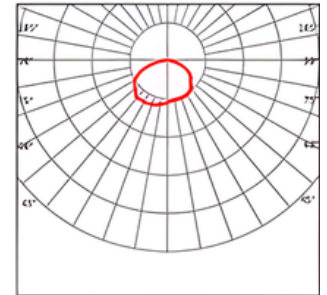
Asymmetrical intense 142x105°,
tilt68°
U00A20

120W Full Cut-off



Asymmetrical intense 100x105°,
tilt50°
U00603

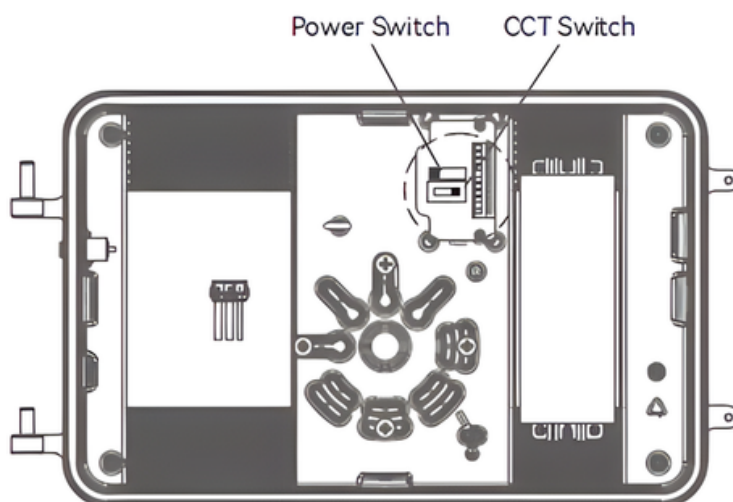
120W Semi Cut-off



Asymmetrical intense 133x91°,
tilt68°
U00A19

POWER & CCT SELECTABLE

Factory Set : 100% brightness, 5000K



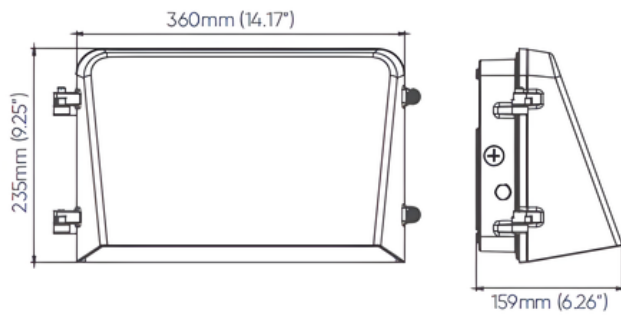
Power Selectable

HIGH MID LOW		
Power		
HIGH	MID	LOW
80W	60W	40W
120W	100W	80W

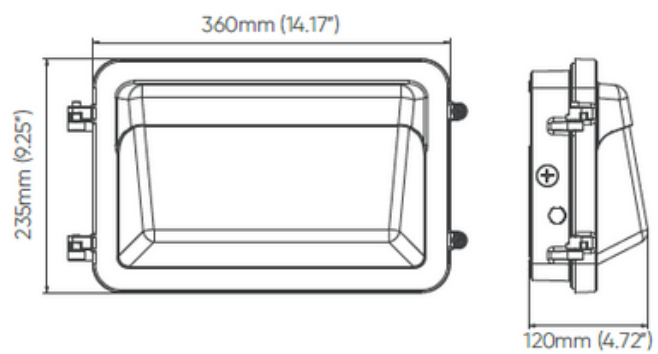
CCT Selectable

3000K	4000K	5000K

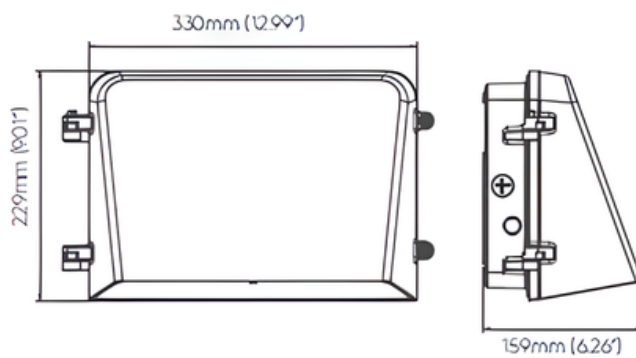
DIMENSIONS



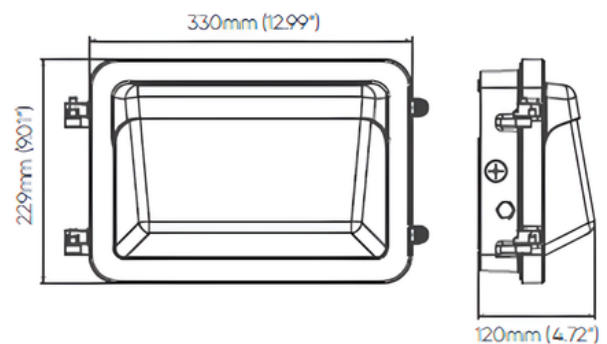
WP19-120(Full Cut-off)



WP19-120(Semi Cut-off)



WP19-80(Full Cut-off)



WP19-120(Semi Cut-off)

EMERGENCY DATASHEET

INPUT POWER	9W
DISCHARGE POWER	9W
RATED INPUT VOLTAGE	AC120-347V
FREQUENCY	50/60Hz
INPUT VOLTAGE	AC120-347V
RATED INPUT CURRENT	$\leq 0.12A$
BATTERY	6.4V 3200mAh(LifepO4)
LIFETIME	50000 hours
BATTERY DURATION	$\geq 1.5hrs$
CHARGE PERIOD	$\geq 24hrs$
EMERGENCY SWITCHING TIME	$\leq 3S$
EMERGENCY OPERATING TEMP.(°C/°F)	0 to +40(32 to +104)

FLEXIBLE PACKING METHODS

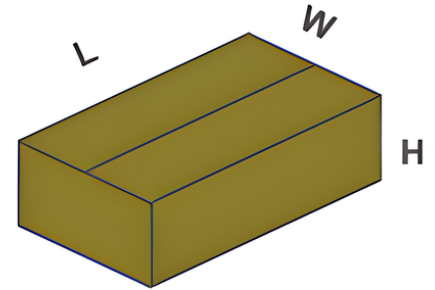
For Project : Fully -assembled



Semi Cut-off



Full Cut-off



For Inventory: Base and front components packed separately



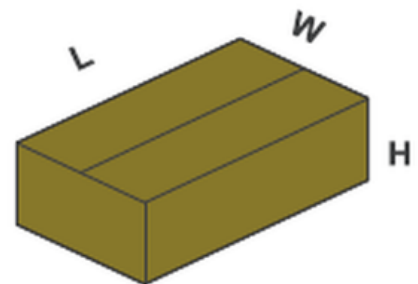
Semi Cut-off Kit



Full Cut-off Kit



Back Cover Kit



POWER	80W (Semi Cut-Off)	120W (Semi Cut-Off)	80W (Full Cut-Off)	120W (Full Cut-Off)	80W (Semi Cut-Off Kit)	120W (Semi Cut-off kit)	80W (Full Cut-off Kit)	120W (Full Cut-Off kit)	80W (Back Cut-off kit)	120W (Back Cut-off Kit)
CARTON SIZE (LxWxH) (mm)	400×285×175	425×285×175	400×285×215	425×285×215	400×285×120	425×285×120	400×285×160	425×285×160	400×285×110	425×285×110
NUMBER OF FIXTURE PER CARTON (pcs)	1									
G.W (kg)	4.18	5.04	3.08	3.62	3.16	3.74	2.14	2.4	1.9	1.9

CONTACT THE HAZBRITE TEAM FOR MORE ENQUIRIES.

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Disclaimer

The information provided is accurate to the best of Hazbrite's knowledge at the time of publication. However, customers and end-users should consult the latest product specifications, installation guides, terms, and warranties available at www.hazbrite.com, which shall take precedence in case of any discrepancies or conflicts.