



HBS71

Sleek and lightweight solution for
modern street lighting
application

Efficient lighting solutions designed as
per space requirements

UPTO 150lm/W



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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.
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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.

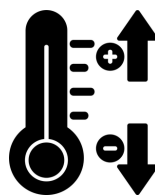
⇒ ECO - CONSCIOUS SOLUTIONS ;

- 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 1
Light Source SDM	<5
Input Voltage	120-277Vac, 50/60Hz
Power Factor	>0.97
Control	ON/OFF
IP Rating	IP66
IK Rating	IK09
Operating Temperature	-30 to +50
Certification	CE/RoHS/RCM/ENEC
Warranty (Years)	5 Years



Class I (1)

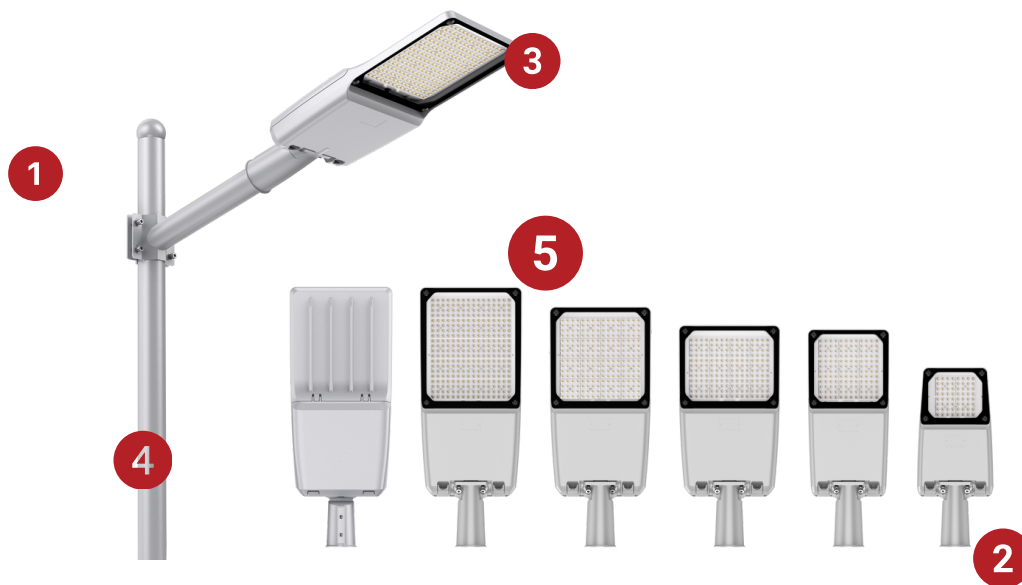


STANDARD MATERIALS

- Housing materials - Aluminium Alloy
- Housing finish - Powder coating
- Optic materials - Polycarbonate
- Fixture Color - Silver Grey (RAL9006)



Note : Product Specifications and Design subject to change without notice



KEY FEATURES

1. Light Efficiency up to 150 lumens/watts.
2. IP66 and IK09 rated
3. Minimalist and slim design
4. Tool-free opening
5. Equipped with power cut-off switch and built-in level.

ADDITIONAL FEATURES

- Input Voltage : 120-277Vac, 50/60Hz | 220-240Vac, 50/60Hz
- Power Factor : >0.97 | >0.9 | >0.95
- 1-CCT: 3000K/4000K
- Surge Protection :4KV L-L, 6KV L-E | 6KV L-L, 10KV L-E
- Control : ON/OFF
- CRI(Ra) : Ra70
- Category of Corrosion: C3(ISO 9223:2012)
- Driver type : CONSTANT CURRENT (CC)
- Side Entry Mounting and Post-top Mounting



APPLICATIONS



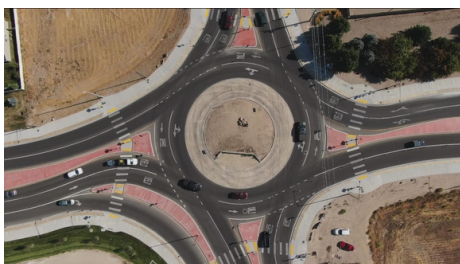
Routes/Country Roads



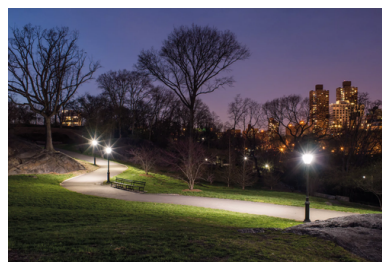
Roadways & Residential Areas



Highways/Main streets



Road Intersections



Non-Motorized Vehicles
and Sidewalk Lighting



Open Car Parks



Plazas/Square Lighting



Outdoor Industrial & Logistics Areas

TECHNICAL DATA

ECO VERSION : ON/OFF function

Nominal Wattage	30W	40W	50W	75W	100W	120W	150W	180W	200W
Nominal Input Voltage (V)	120-277Vac, 50/60Hz								
Power Factor (at full load)	>0.97								
Flicker factor	<34%		<40%	<0.3%					
THD	<12%@220V								
Surge Protection	4KV L-L, 6KV L-E			6KV L-L, 10KV L-E					
Light Source	LED 3030								
CRI	Ra70								
Efficacy	150lm/W@4000K Ra70								
Luminous flux(lm) ±10% Ra70 1-CCT	4150-4460	5342-5774	6968-7585	10626-11544	14661-15647	17264-18549	21792-23431	25981-280021	29011-31128
BEAM ANGLE	R01602/R01603/R01610								
Luminaire windage area(SCx)(m²) at 0°	0.07		0.1		0.13		0.14		0.16
Operating temperature(°C)	-30 to +50								
Lifespan of LED@Ta=25°C (hrs)	54,800-L90B50					52,700-L90B50		50,400-L90B50	
	109,400-L80B50					106,400-L80B50		102,900-L80B50	
	171,700-L70B50					165,000-L70B50		162,600-L70B50	

TECHNICAL DATA

Premium version: ON/OFF function with 3-PIN NEMA socket

Nominal Wattage	20W	40W	50W	75W	100W	120W	150W	180W	200W
Nominal Input Voltage (V)	220-240Vac, 50/60Hz								
Power Factor (at full load)	>0.9		>0.95						
Flicker factor	<0.3%		<0.5%	<0.3%	<0.5%			<0.3%	
THD	<12%@220V			<15%					
Surge Protection	4KV L-L, 6KV L-E			6KV L-L, 10KV L-E					
Light Source	LED 3030								
CRI	Ra70								
Efficacy	150lm/W@4000K Ra70								
Luminous flux(lm) ±10% Ra70 1-CCT	2737-2867	5507-5767	7039-7352	10480-10974	14104-14707	17009-17933	21367-22535	25350-26687	28166-29652
BEAM ANGLE	R01602/R01603/R01610								
Luminaire windage area(SCx)(m²) at 0°	0.07		0.1		0.13		0.14		0.16
Operating temperature(°C)	-30 to +45		-30 to +50						
Lifespan of LED@Ta=25°C (hrs)	54,800-L90B50					52,700-L90B50		50,400-L90B50	
	109,400-L80B50					106,400-L80B50		102,900-L80B50	
	171,700-L70B50					165,000-L70B50		162,600-L70B50	

MOUNTING OPTIONS

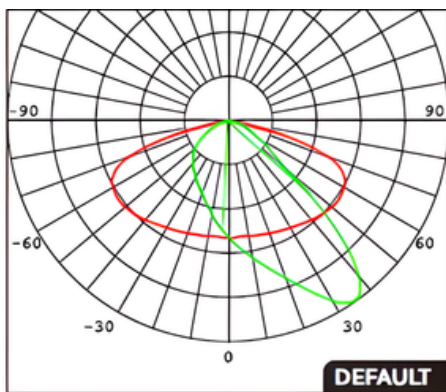


Post-top Mounting

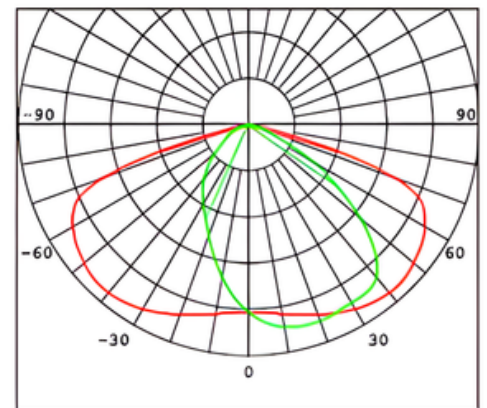


Side-entry mounting

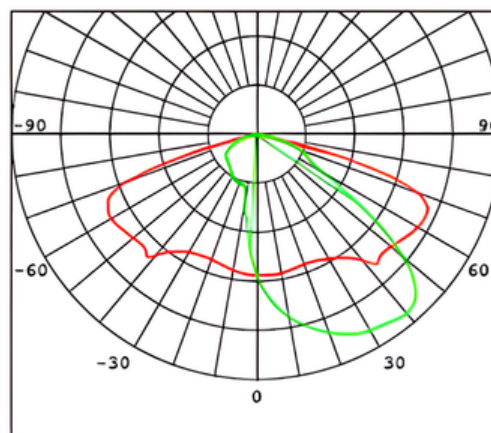
BEAM DISTRIBUTION DATA



Asymmetrical intense 35°
R01610

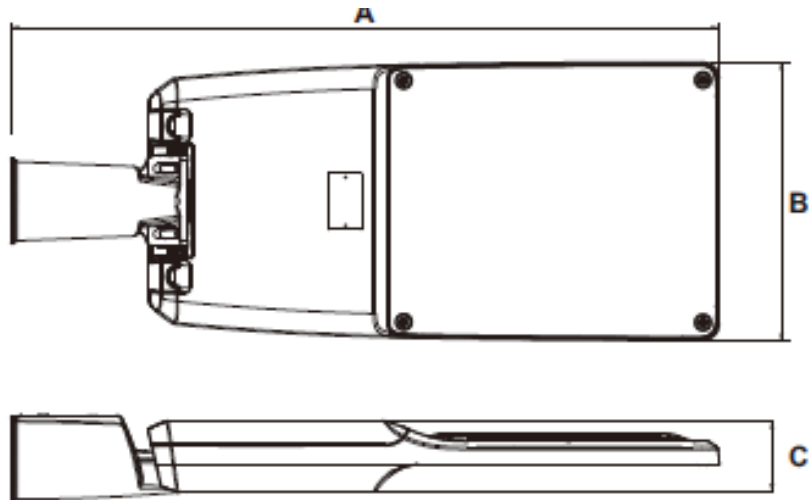


Asymmetrical intense 30°
R01602



Asymmetrical intense 40°
R01603

DIMENSIONS



Product Code	Luminaire dimensions AxBxC(mm)	Product weight(kg) ±6%	Package weight(kg) ±6%	Caɀon size(mm)	Qty/CTN
		N.W/PC	G.W/PC		
HB71-020	448x190x65	2.4	3	460x220x150	1
HB71-030					
HB71-040					
HB71-050	543x204x65	3.2	3.8	555x235x145	
HB71-075					
HB71-100	553x253x65	4.2	4.9	565x285x130	
HB71-120					
HB71-150	599x253x65	4.4	5.1	610x285x130	
HB71-180					
HB71-200	648x255x65	4.7	5.9	670x285x130	

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.