

Hazlux® SMR LED Series

The unique combination of flexibility and robust design allows the implementation of this light fixture in various new or existing facilities. The SMR not only exceeds the expectations of an HID replacement, but establishes a new benchmark in versatility for industrial LED lighting.

CERTIFICATION

CLASS I

Division 2 Group A, B, C, D

Zone 2 Group IIC

CLASS II

Division 2 Group F, G

Zone 22

CLASS III

Classification may vary depending on the product configuration. Please follow catalogue information and exceptions.

APPROVALS



UL844
UL1598A
UL8750



IP66/67

APPLICATIONS

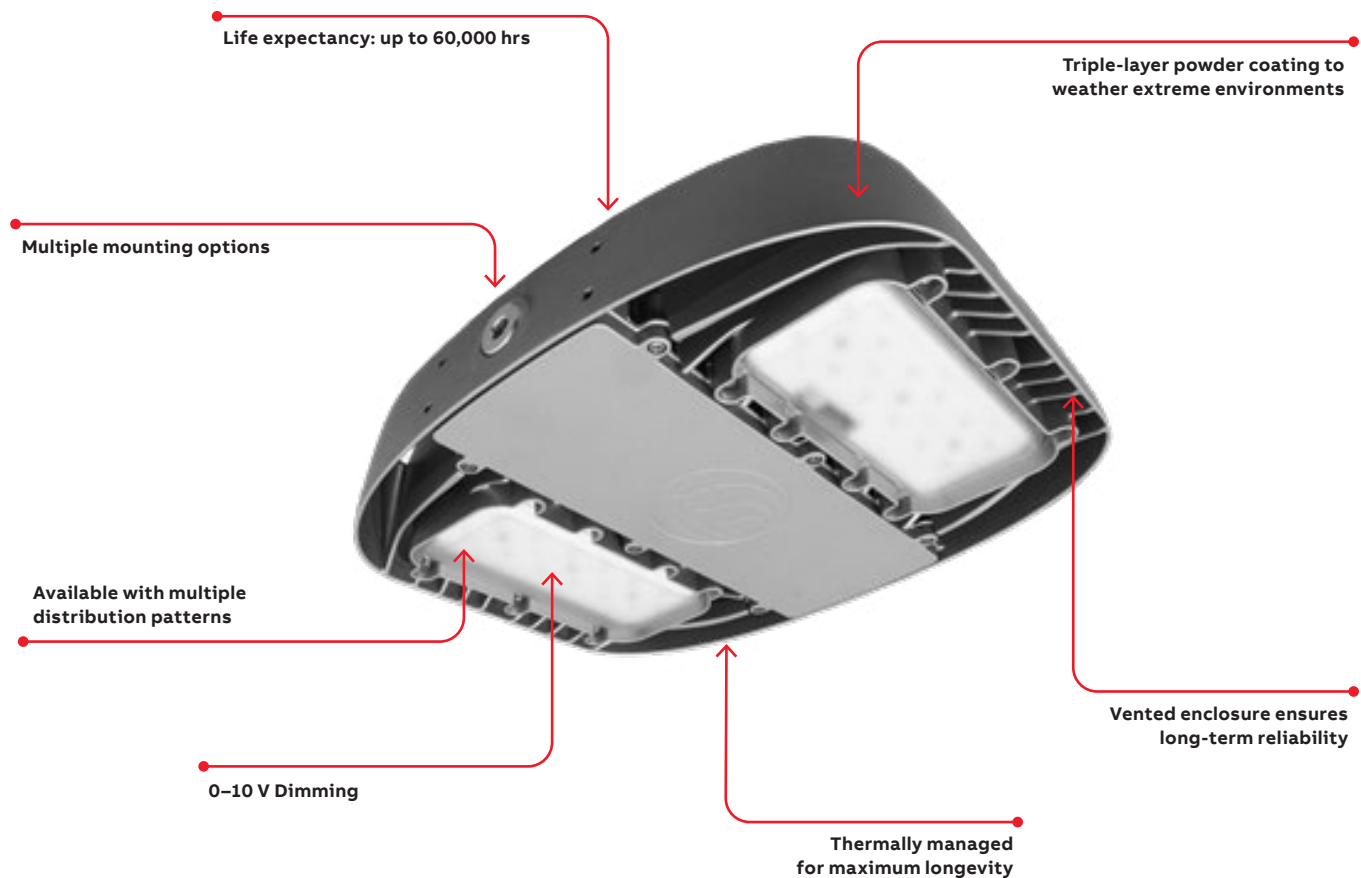
Hazardous locations

Indoor lighting

Tunnel lighting

Industrial facilities

Refinery and petrochemical facilities



Hazlux® SMR LED Series

Key features and information

FEATURES

Field replaceable driver
Operating temperature -40°F to 131°F (-40°C to 55°C)
Thermally managed for longevity
Easy field angle adjustment
Extreme vibration resistance
Direct heat transfer from power supply to external case for optimal performance
IDA Dark Sky Approved to protect the night time environment and reduce light pollution

HOUSING

Unique heat sink design creates increased airflow for optimal LED and power supply operating temperature
Copper-free Die-cast aluminum housing and high impact polycarbonate lens
Available with multiple distribution patterns
3/4" NPT conduit entry
Metal core PCB (MCPCB)
Modular optics
Physical separation of electronics for increased system reliability
Triple-layer coating suitable for marine applications

LED

Efficacy: up to 116 Lm/W
Lumen output: From 2,980 Lumens to 6,265 Lumens
Nichia LED's
CRI Ra>80
Correlated Color Temperature (CCT): 5000K (standard), 2700K, 3000K, 3500K and 4000K (optional)

ELECTRICAL

0-10 V Dimming (1%–100%)
Operating voltage: 120-277VAC 50/60Hz, 347-480VAC 60Hz
Power factor 0.96
Driver efficiency 86%
THD <20%
Surge protection standard at 2.5KV

MOUNTING

Surface/Suspended mount
Wall pack mount
Pole mount
Yoke mount
Conduit connection mount
Hook pendant mount
Slip fitter yoke mount

APPROVALS

UL 844
UL 8750 LED safety
UL 1598 wet locations
UL 1598A Marine
IDA Dark Sky Approved
CUL approved to CSA 22.2 No. 137, CSA 22.2 No. 250.0-08, CSA 22.2 No. 250.13
IP66/67

WARRANTY

5 year limited warranty

T-code chart

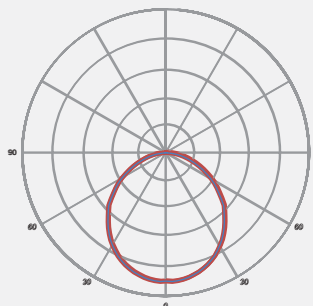
T4	Class 1, Div 2, Groups A, B, C, D
	Class 1, Zone 2, Group IIC
T4A	Class II, Div. 2, Groups F, G

Electrical specifications

Frequency	120-277VAC 50/60 Hz
	347VAC 60 Hz
Power	SMR3: 26 W (Cut) - 29 W (R2, OC, SF)
	SMR6: 51 W (Cut) - 57 W (R2, OC, SF)
Current	SMR3: AC - 0.25A@120 VAC HV - 010A@347 VAC
	SMR6: AC - 050A@120 VAC HV - 020A@347 VAC

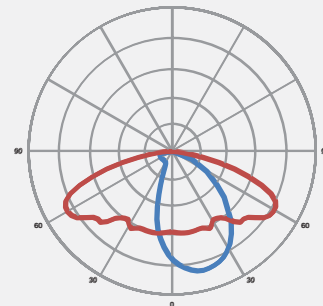
Photometry

CUT – Wide beam (no optic)	
Model	Lumen output (CW)
SMR3	3050
SMR6	5650



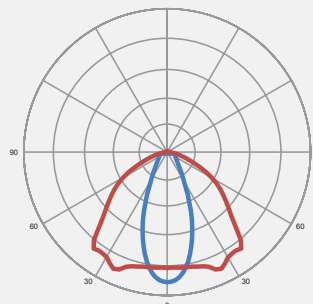
BUG rating : B2-U0-G1

R2 – IESNA Type 2	
Model	Lumen output (CW)
SMR3	2980
SMR6	5520



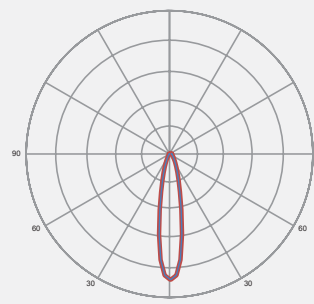
BUG rating : B1-U0-G1

OC – Oval 26° x 108°	
Model	Lumen output (CW)
SMR3	3290
SMR6	6090



BUG rating : B3-U2-G1

SF – Spot 18°	
Model	Lumen output (CW)
SMR3	3380
SMR6	6265



BUG rating : B4-U2-G1

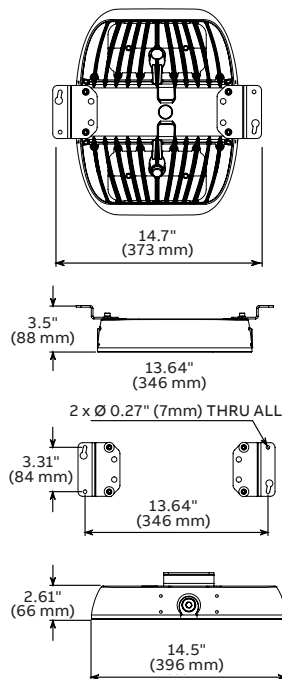
Standard offering above, alternate optical profiles available upon request.
Contact sales representative for further details. Minimum order quantities, additional costs and lead times may incur.

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MOUNTING AND OPTIONAL ACCESSORIES (sold separately)

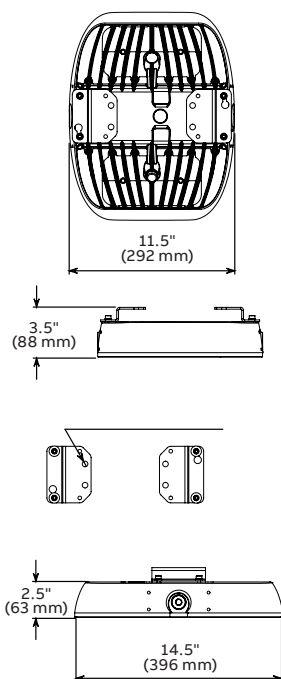
Surface mount (included standard)

5.3 kg | 11.7 lbs



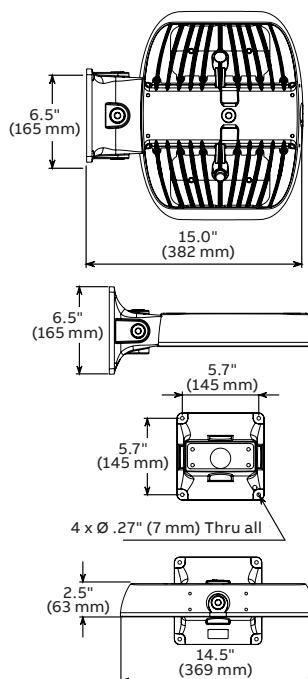
Suspended mount (included standard)

5.3 kg | 11.7 lbs



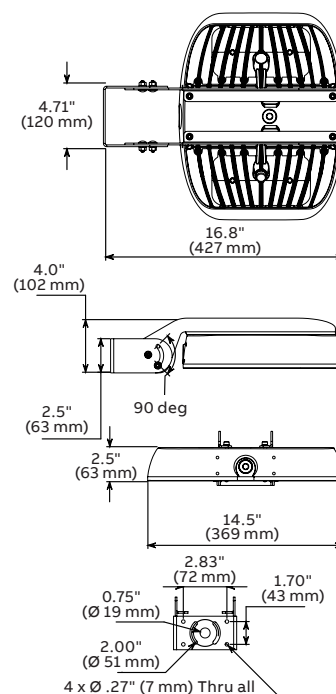
Wall pack mount SMR-WM (optional accessory)

6.8 kg | 15 lbs



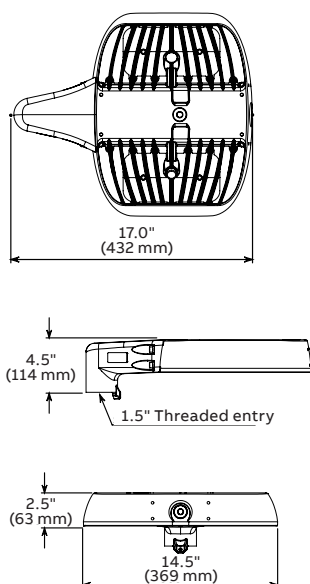
Yoke mount SMR-YM (optional accessory)

6.3 kg | 13.9 lbs



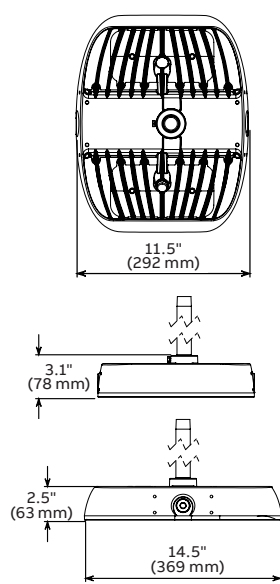
Pole mount SMR-PM (optional accessory)

5.6 kg | 12.4 lbs



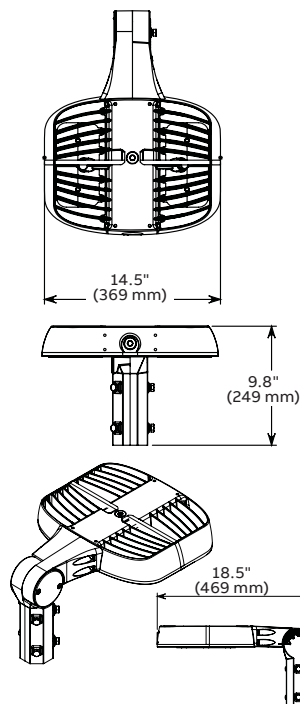
Conduit connection SMR-CC (optional accessory)

5.3 kg | 11.7 lbs



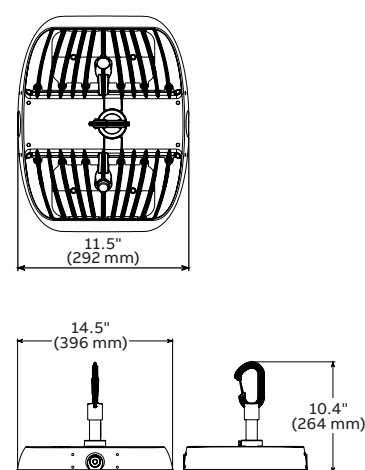
Slip fitter mount SMR-SFY (optional accessory)

6.55 kg | 14.7 lbs

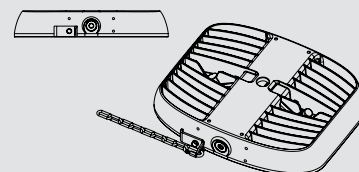


Hook pendant mount SMR-HK (optional accessory)

4.9 kg | 10.8 lbs



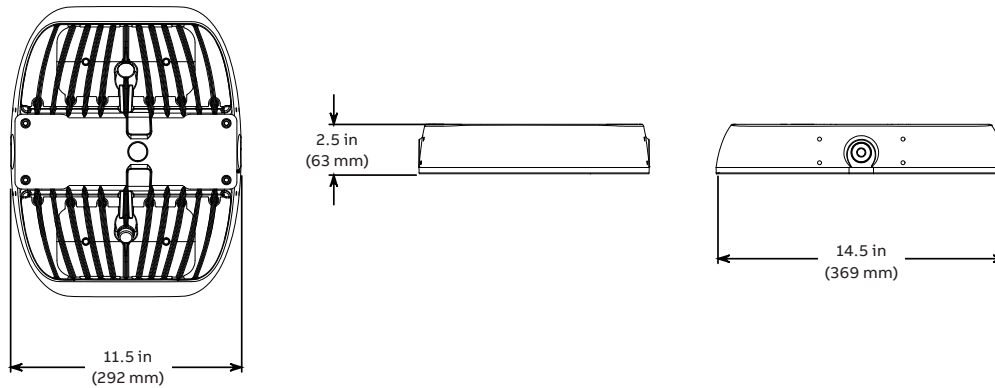
Secondary safety SMR-SS



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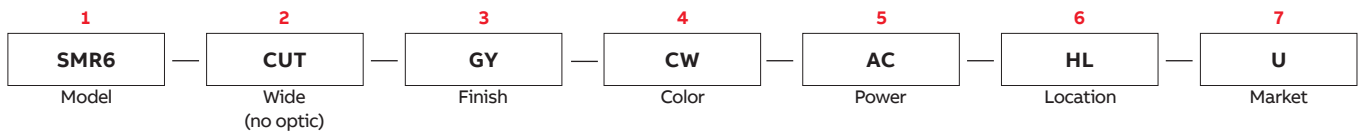
DIMENSIONS

Dimensions are approximate and subject to change.



NUMBERING SYSTEM

Lighting fixture



Ordering information

Part	Part number	Description
1 Model	SMR3	2980 to 3380 Lumens
	SMR6	5520 to 6265 Lumens
2 Optic	CUT	Wide (no optic)
	OC	Oval 26° x 108° ¹
	R2	IESNA Type 2 ¹
	SF	Spot 18° ¹
3 Finish	GY	Gray
4 Color	27	Warm White (2700K) ¹
	30	Warm White (3000K) ¹
	35	Warm white (3500K) ¹
	40	Natural White (4000K) ¹
	CW	Cool White (5000K)
5 Power	AC	120 to 277 V AC
	HV	347 V AC
6 Location	HL	Hazardous location
7 Market	U	U.S. market
	Blank	Canadian market

¹ Option subject to extended lead time and minimum order quantities.

Accessories (sold separately)

SMR-WM-GY	Wall pack mount ³
SMR-PM-GY	Pole mount ³
SMR-YM	Yoke mount ²
SMR-CC-GY	Conduit connection ³
SMR-HK-GY	Hook pendant mount
SMR-SS	Secondary safety
SMR-SFY-GY	Slip fitter mount

² Only available in stainless steel

³ IDA Fixture seal of approval only applies to fixtures with a CCT of 3000K or less, and that have fixed mounts aiming the fixture perpendicular to the ground.

Note: For Canadian market, please add "-CA" to the part no. (ex: SMR-WM-GY-CA).

