

HIGHLIGHT SP-ARL™

LED HIGH BAY

DEDICATED WATTAGE

UNLIMITED VALUE

The SP-ARL round LED high bay light offers excellent energy efficiency.

It is ideal for point-to-point replacement in retrofit projects,

as the die-cast aluminium heat sink and corrosion-resistant polyester powder coated body can operate perfectly in ambient temperatures up to 122F.

This luminaire is available with emergency options for motion and daylight sensor integration.



FEATURES



The die-cast aluminum heat sink operates perfectly at ambient temperatures up to 50°C / 122°F



Corrosive resistant polyester powder coat finish body.



Ready socket for plug-and-play motion sensor



UL listed for safety and DLC Premium 5.1 for energy rebates.














Multiple lens at choice



Waterproof IP66 design, suitable to damp & wet location.



PERFORMANCE

	Philips Lumileds
	4500-5500K (Standard) 2500-6500K (Optional)
	≥70
	L70>120,000 Hours
	100-277 VAC, 100-347 VAC, 277-480 VAC
	0.95 min
	IP66
	IK10
	Corrosive resistant polyester powder coat finish
	Operating Temperature:-45°C to +50°C (-49°F to 122°F) Storing Temperature:-45°C to +80°C (-49°F to 176°F)
	15% to 95% RH



SPECIFICATIONS

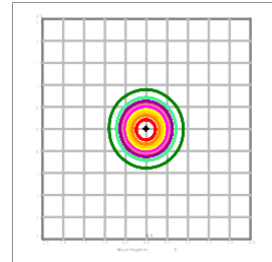
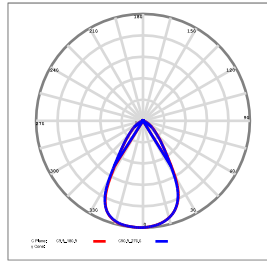
Model	Power	Efficacy (IES)	Total Lumen	N.W	CRI	LED Chip	Product Dimensions
SP-ARL	100W	150lm/W	15,000lm	2.6kg/5.7lbs	≥70	Philips	280×280×169mm 11"×11"×16.7"
SP-ARL	150W	150lm/W	22,500lm	2.6kg/5.7lbs	≥70	Philips	280×280×169mm 11"×11"×16.7"
SP-ARL	200W	150lm/W	30,000lm	2.6kg/5.7lbs	≥70	Philips	280×280×169mm 11"×11"×16.7"
SP-ARL	240W	150lm/W	34,800lm	3.0kg/6.6lbs	≥70	Philips	311x311x169mm 12.2"x12.2"x6.7"
SP-ARL	300W	150lm/W	45,000lm	5.3kg/11.7lbs	≥70	Philips	382x382x182mm 15"x15"x7.2"



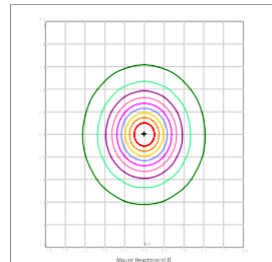
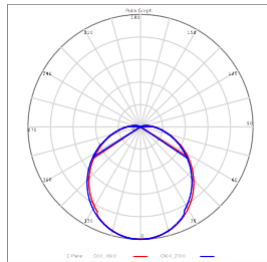
PHOTOMETRICS



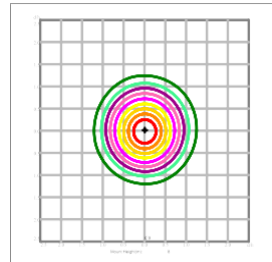
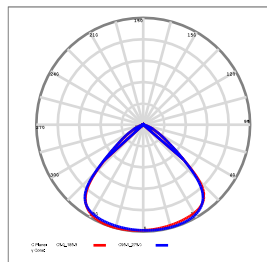
60° Ribbed Lens



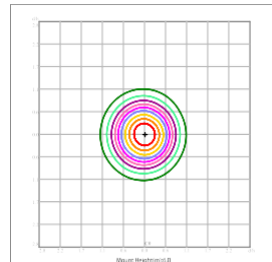
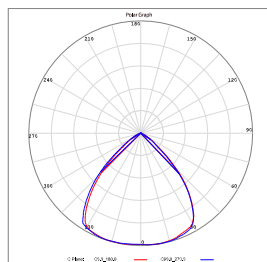
120° Diffused Dome Lens



90° Ribbed Lens



90° Reflector



DIMMING CONTROL



1. With sufficient ambient light, the sensor does not switch on the lamp.

2. With a low level, the sensor switches on the lamp when motion is detected.

3. After hold time, the sensor dims the lamp at a low light level if no new motion trigger.

4. After stand-by period, the sensor switches off the lamp if no motion is detected in its detections zone.

Setting

Detection sensitivity:

20%/ 50%/ 75%/ 100%

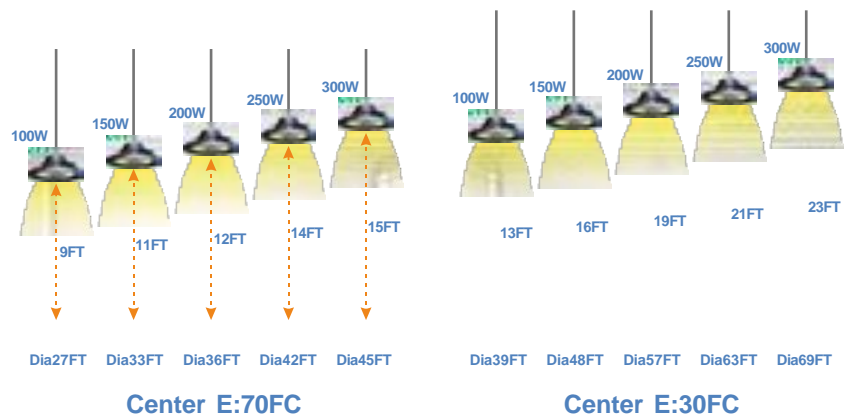
Hold-time:

10s/1min/5min/10min/15min/20min/30min/60min

RECOMMEND INSTALLATION HEIGHT 9-28ft

SP-ARL-(100/150/200/240/300)W

The recommended installation distance is 1- 2H installation height.



Roll over image to zoom in



100W	250W HID	9-17	Dia27-54	20-70
150W	400W HID	11-20	Dia33-60	20-70
200W	600/1000W HID	12-23	Dia36-69	20-70
240W	600/1000W HID	14-25	Dia42-75	20-70
300W	600/1000W HID	15-28	Dia45-84	20-70

INSTALLATION

For high performance and long term reliability, the light should be installed in free air.

Hook Mounting

- Fix the hook on the light. (Clockwise rotation)
- Use an electric drill to bore a hole in the wall.
- Install the hanger to the wall.
- Fix the hook onto the hanger and complete installation.

U Bracket Mounting

- Use an electric drill to bore 2 holes in the wall.
- Set the expansion screws to the existing drilling holes.
- Install the bracket to the wall.
- Use a wrench to reverse hexagon nut adjust the requested angle.



Hook / Hang Ring



Standard U Bracket

Ordering Guide: EXAMPLE: HIGHLIGHT SP-ARL-100W-00-1-60D-1-1-1-BLK-HR-MS-NE

Model	LED Power	Dimmability	LEDS	Distribution type	LED Color Temp	Driver	Input Voltage	Fixture color	Mounting options	Options
HIGHLIGHT SP-ARL	100W 150W 200W 240W 300W	00-Non Dimmable 01-Dimmable	1-Philips lumiled	60D-Ribbed,PC 90D-Ribbed,PC 90D-Reflector,PC 120D-Diffused Dome Lens, PC	1- 25-35K 2- 35-45K 3- 45-55K 4- 60-70K	1-Inventronics 2-Sosen 3-E-LITE 4-LIFUD	1- AC 100-277V 2-AC 100-347V 3- AC277-480V	BLK-Black WH-White	HR- Hang ring U- U bracket ½"- NPT Nipple CM- Chain mount	NS- No motion sensor MS- With motion sensor NE-No emergency backup 90E-90min duration