SIMPLITZ™ HIGHBAY

SIMPLITZ™ HIGHBAY is the new LED bay light solution to OSRAM industrial lighting. It serves as the most affordable LED replacement to traditional highbay products. With the innovative construction, the energy saving by the latest LED technology and the maintenance-free reliability, it secures a minimized investment and running cost. SIMPLITZ™ HIGHBAY fits into every traditional highbay application with improved performance, better safety and enhanced reliability.

FEATURES AND BENEFITS

Genuine protection
- IP65 water and dust ingress protection
- IK08 impacts resistance
- 1.5kV/3kV electric surge resistance

Full options
- Powers of 55W, 105W, 150W and 240W
- CCT options of 4000K and 5700K
- Reflector and bracket fas accessories

Advanced thermal management
- High heat conducting rate AL1070 housing
- Optimal use of stacking effect
- No-fin design, eased dust accumulation

High performance
- 90lm/W, CRI 85
- 50,000hrs L70
- -30 ... +45°C working ambient

Safe
- Light weighted, be safely installed in extended areas
- Good colour rendering for safe lighting

APPLICATION REFERENCE

- Workshop, assembly line
- Storage, warehouse
- Airport and station halls
- Industrial halls, commercial halls
- Loading dock, access area
- Auxiliary rooms
- Hypermarket

SPECIFICATION

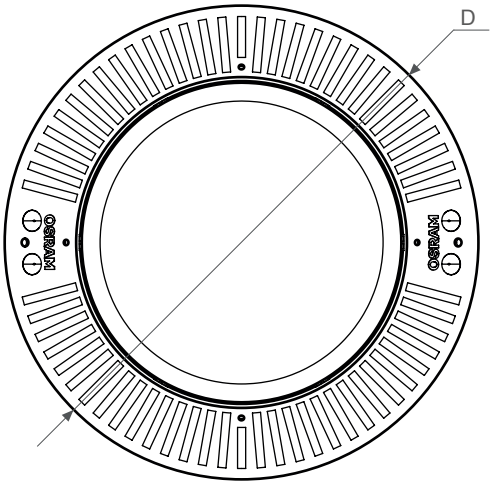
SIMPLITZ™ HIGHBAY		S	M	L	XL
Optical	Colour temperature*	4000K, 5700K			
	CRI	85			
	Luminous flux	4900lm	9600lm	13600lm	21800lm
	System efficacy	90lm/W			
	Beam angle	100			
Electrical	Input voltage	220-240VAC, 50/60Hz			
	Power	55W	105W	150W	240W
	Power factor	>0.95			
	Surge protection	1.5kV/3kV			
	Control	Instant on/off			
Mechanical	Classification	IP65, IK08, Class I			
	Dimension	Φ230x132	Φ300x143	Φ350x144	Φ450x161
	Weight	1.5kg	2.0kg	3.5kg	4.5kg
	Mounting**	Pole, chain, bracket (optional)**			
Material	Housing	AL1070 Aluminium alloy, grey			
	Diffuser	Poly-carbonate (PC), opal			
Thermal	Ambient	-30 ... +45°C			
	Storage	-35 ... +80°C			
	Lifetime	50,000hrs@L70, 25°C			
Standard compliance		CE, CB, CCC, TISI			

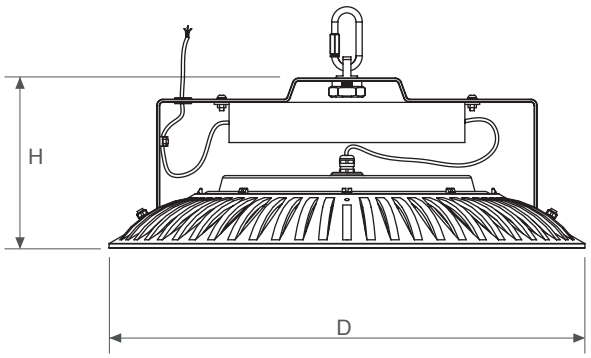
NOTE: *Luminous flux* (and hence the *System efficacy*) and *CRI* are typical data reflect statistical figures and do not necessarily correspond to the actual parameters of each single product. Actual value can be varied due to many factors like lamp factor of LED, input current/voltage, thermal conditions, optical tolerance, and even measurement tolerance. If customers have any specific demand on particular parameters, please contact OSRAM sales or marketing staff for advice.

* 5000K upon request.

** Bracket mounting asks for a U bracket which needs to be ordered separately.

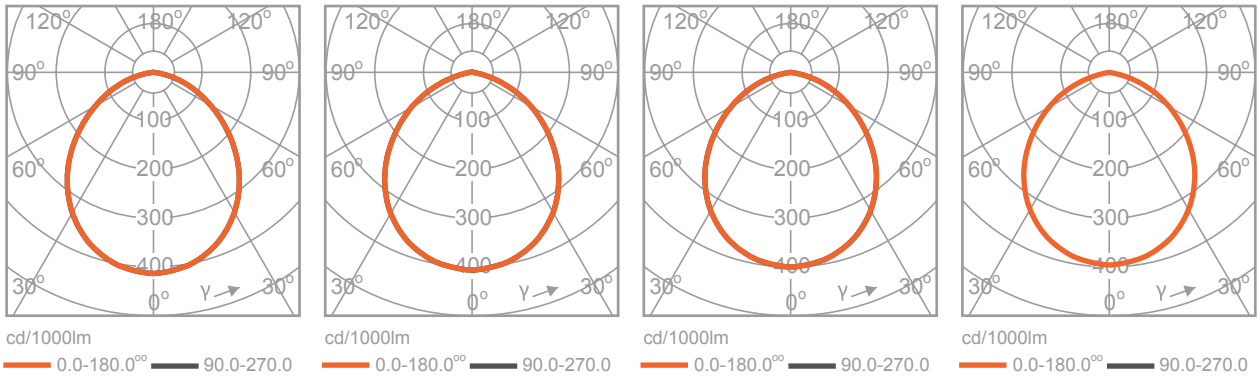
DIMENSION DRAWINGS





Type	S	M	L	XL
Diameter (D)	230mm	300mm	350mm	450mm
Height (H)	132mm	143mm	144mm	161mm

POLAR DIAGRAMS

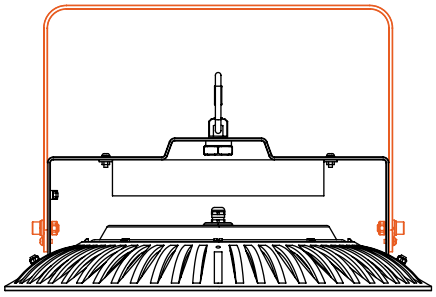


SIMPLIZ HIGHBAY S | SIMPLIZ HIGHBAY M | SIMPLIZ HIGHBAY L | SIMPLIZ HIGHBAY XL

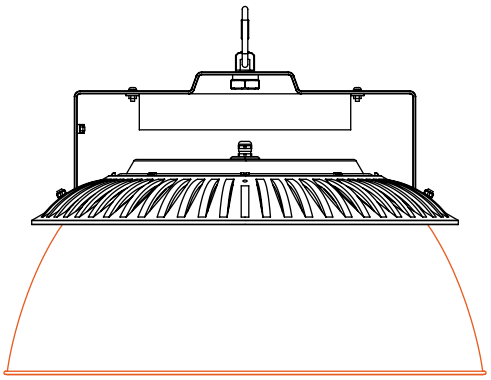
ORDERING CODES

Description	Wattage	CCT	IP	pcs/carton	EAN
SIMPLITZ HIGHBAY S840	55W	4000K	IP65	1	4052899264502
SIMPLITZ HIGHBAY S857	55W	5700K	IP65	1	4052899264519
SIMPLITZ HIGHBAY M840	105W	4000K	IP65	1	4052899264526
SIMPLITZ HIGHBAY M857	105W	5700K	IP65	1	4052899264533
SIMPLITZ HIGHBAY L840	150W	4000K	IP65	1	4052899264564
SIMPLITZ HIGHBAY L857	150W	5700K	IP65	1	4052899264571
SIMPLITZ HIGHBAY XL840	240W	4000K	IP65	1	4052899264588
SIMPLITZ HIGHBAY XL857	240W	5700K	IP65	1	4052899264595

ACCESSORIES (not available at product launch, upon request)



Bracket



Reflector

END