

PANEL HIGHBAY



PANEL HIGHBAY is the high performance LED replacement to T5 fluorescent highbay products. This innovative panel bay lighting solution integrates the state-of-the-art LED technology, the tailor-made optics and the most efficient control gear for more saving, efficiency and safety. With the high *system efficacy* of over 135lm/W and the long *luminaire lifetime* of over 50,000 hours, it offers most energy-saving and lowest maintenance out of the attractive investment level and the best return-of-investment.

FEATURES AND BENEFITS

- Extremely high system efficacy higher than 135lm/W to achieve more than 50% energy saving.
- Full options of advanced optics, precisely controlled high-quality light enhances work efficiency with better visual comfort.
- The high system reliability offers 50,000 lifetime on luminaire level, thanks to the excellent thermal engineering and the latest LED technology.
- CRI85 colour rendering and low UGR to create a safe working ambient.
- Sleek and light weighted construction, allows application in extended areas.
- Easy installation and flexible, time and labour saved in installation and maintenance.

APPLICATION REFERENCE

- Storage and logistics
- Production facilities
- Hypermarkets
- Indoor stadiums
- Airports and stations



SPECIFICATION

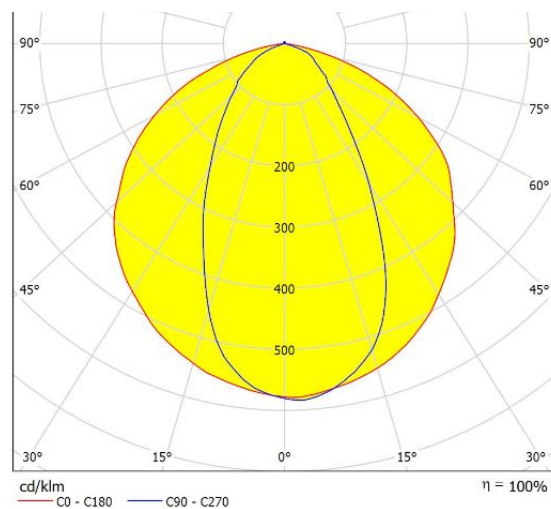
PANEL HIGHBAY		3X-S	3X	5X-S	5X
Optical	Colour temperature*	4000K, 5700K			
	CRI	85			
	Luminous flux	11000lm	15000lm	19500lm	25000lm
	System efficacy	>135lm/W			
	Beam angle	Narrow 60°x60°, Aisle 60°x110°			
Electrical	Input voltage	220-240VAC, 50/60Hz			
	Power	75W	110W	140W	185W
	Power factor	>0.95			
	Surge protection	1.5kV/3kV			
	Control	Instant on/of, motions sensor			
Mechanical	Classification	IP20, Class I			
	Dimension	533x207x73	683x207x73	533x351x73	683x351x73
	Weight	1.8kg	2.2kg	3.1kg	3.8kg
	Mounting**	Y-grip (default), Pipe (optional)**			
Material	Housing	Aluminium alloy, anodized			
	Lens	PMMA, clear			
Thermal	Ambient	-30 ... +40°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.

** Need separate order.

POLAR DIAGRAMS



ORDERING CODES

Description	Wattage	CCT	Beam Angle	pcs/carton	EAN
PANEL HIGHBAY 3X-S 840 NB	80W	4000K	Narrow	1	4052899264502
PANEL HIGHBAY 3X-S 840 WB	80W	4000K	Wide	1	4052899264519
PANEL HIGHBAY 3X-S 840 AB	80W	4000K	Aisle	1	4052899264526
PANEL HIGHBAY 3X-S 857 NB	80W	5700K	Narrow	1	4052899264533
PANEL HIGHBAY 3X-S 857 WB	80W	5700K	Wide	1	4052899264564
PANEL HIGHBAY 3X-S 857 AB	80W	5700K	Aisle	1	4052899264571
PANEL HIGHBAY 3X 840 NB	110W	4000K	Narrow	1	4052899264588
PANEL HIGHBAY 3X 840 WB	110W	4000K	Wide	1	4052899264605
PANEL HIGHBAY 3X 840 AB	110W	4000K	Aisle	1	4052899264622
PANEL HIGHBAY 3X 857 NB	110W	5700K	Narrow	1	4052899264639
PANEL HIGHBAY 3X 857 WB	110W	5700K	Wide	1	4052899264656
PANEL HIGHBAY 3X 857 AB	110W	5700K	Aisle	1	4052899264673
PANEL HIGHBAY 5X-S 840 NB	140W	4000K	Narrow	1	4052899264690
PANEL HIGHBAY 5X-S 840 WB	140W	4000K	Wide	1	4052899264707
PANEL HIGHBAY 5X-S 840 AB	140W	4000K	Aisle	1	4052899264724
PANEL HIGHBAY 5X-S 857 NB	140W	5700K	Narrow	1	4052899264741
PANEL HIGHBAY 5X-S 857 WB	140W	5700K	Wide	1	4052899264758
PANEL HIGHBAY 5X-S 857 AB	140W	5700K	Aisle	1	4052899264775
PANEL HIGHBAY 5X 840 NB	185W	4000K	Narrow	1	4052899264792
PANEL HIGHBAY 5X 840 WB	185W	4000K	Wide	1	4052899264809
PANEL HIGHBAY 5X 840 AB	185W	4000K	Aisle	1	4052899264826
PANEL HIGHBAY 5X 857 NB	185W	5700K	Narrow	1	4052899264843
PANEL HIGHBAY 5X 857 WB	185W	5700K	Wide	1	4052899264860
PANEL HIGHBAY 5X 857 AB	185W	5700K	Aisle	1	4052899264877

— END —