

Fortimo High Bay

Industrial

Fortimo High Bay (FHB) is an integrated module solution with IP65 protection, excellent optical and heat management that offers high energy efficacy and high quality of light. The Fortimo High Bay (FHB) solution is designed to enable LED lighting in Industry (high-bay) applications – warehouses, factories, large-format retail stores. A range of compatible IP67 Xitanium drivers complement the High Bay solution in order to further differentiate on efficacy and lifetime under extreme temperature conditions. The portfolio is suitable to replace conventional 100W, 150W, 250W and 400W solutions.

Features

- IP65 integrated heat sink and optics
- High energy efficacy, at least 140 Lm/W at Module level
- Various lumen-level solutions, 10K, 15K, 20K, 24K Lm
- Streamlined profile for best-in-class thermal performance
- 2 sizes (OD): 270mm (10K/15K/20K lm) and 310mm (24K lm)
- 2 Color temperatures: 4000K, 5700K
- 2 light distributions: 60° (high) and 90° (mid), via reflector
- CRI 80
- Re-enforced, tempered glass cover
- Enables complete IP65 system with IP driver

Benefits

- Easy design-in
- Relatively low investment
- Reliable and flexible
- 5 years system warranty

Applications

- High Bay, Mid Bay Industrial lighting



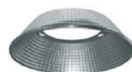
Fortimo High Bay

Product specifications

Product type	Module power	Module efficacy typical	Light output	Correlated color temperature	Color rendering Index	Tc max	Color consistency	Lifetime 90% survivals	Order code
	W	lm/W	lm	K	min. CRI	°C	SDCM	Hours	12NC
Fortimo High Bay Module 10KLM 840	71	140	10000	4000	>80	85	6	50,000	929001432080
Fortimo High Bay Module 15KLM 840	100	150	15000	4000	>80	85	6	50,000	929001432180
Fortimo High Bay Module 20KLM 840	135	148	20000	4000	>80	85	6	50,000	929001432280
Fortimo High Bay Module 24KLM 840	165	146	24000	4000	>80	85	6	50,000	929001432380
Fortimo High Bay Module 10KLM 857	71	140	10000	5700	>80	85	6	50,000	929001432480
Fortimo High Bay Module 15KLM 857	100	150	15000	5700	>80	85	6	50,000	929001432580
Fortimo High Bay Module 20KLM 857	135	148	20000	5700	>80	85	6	50,000	929001432680
Fortimo High Bay Module 24KLM 857	165	146	24000	5700	>80	85	6	50,000	929001432780

Fortimo High Bay Reflectors
Product specifications

Product	Order code 12NC
Reflector High Bay 310MM 60D	929001432880
Reflector High Bay 310MM 90D	929001432980
Reflector High Bay 270MM 60D	929001433080
Reflector High Bay 270MM 90D	929001433180



Fortimo High Bay Reflectors

Recommended Drivers for Fortimo High Bay (FHB) Modules can be found through the Philips Easy Design-in tool.

Please visit our website at www.lighting.philips.com.sg/oem-sg

What to Order for a complete Fortimo High Bay system:

4 components – High Bay Module, High Bay Driver, Top Cover and Reflector

Table below shows the different combinations available

High Bay Module	High Bay Driver	HB Top cover	Reflector			
			12NC and description			
12NC and description	12NC and description	12NC and description	929001433080 Reflector High Bay 270MM 60D	929001432880 Reflector High Bay 310MM 60D	929001433180 Reflector High Bay 270MM 90D	929001432980 Reflector High Bay 310MM 90D
929001432080 Fortimo High Bay Module 10KLM 840	929001425680 Xitanium Dim 100W 1.05A 1-10V 230V I165	929001460080 HB Top Cover	✓		✓	
929001432180 Fortimo High Bay Module 15KLM 840	929001425580 Xitanium Dim 150W 1.05A 1-10V 230V I165		✓		✓	
929001432280 Fortimo High Bay Module 20KLM 840	929001408980 Xitanium Dim 220W 1.05A 1-10V 230V I240		✓		✓	
929001432380 Fortimo High Bay Module 24KLM 840	929001408980 Xitanium Dim 220W 1.05A 1-10V 230V I240			✓		✓
929001432480 Fortimo High Bay Module 10KLM 857	929001425680 Xitanium Dim 100W 1.05A 1-10V 230V I165		✓		✓	
929001432580 Fortimo High Bay Module 15KLM 857	929001425580 Xitanium Dim 150W 1.05A 1-10V 230V I165		✓		✓	
929001432680 Fortimo High Bay Module 20KLM 857	929001408980 Xitanium Dim 220W 1.05A 1-10V 230V I240		✓		✓	
929001432780 Fortimo High Bay Module 24KLM 857	929001408980 Xitanium Dim 220W 1.05A 1-10V 230V I240			✓		✓