

Choose the right product for your environment from High Bay series!

START

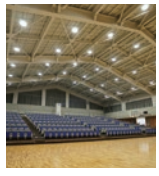
Q. Environment where High Bay series are mounted?

General model

Special environment model

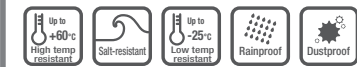
A. General indoor environment

Available indoors in factories, warehouses, gymnasiums, sports facilities, and so on. Serving as model for public facilities.



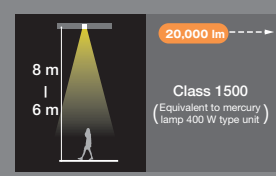
A. Indoor and outdoor special environment

Including factories where high heat and oily smoke are generated, fish markets in coastal areas, freeze warehouses, under the eaves in freight handling areas and gas stations affected by rain and wind, and mounting onto cranes.



Q. What is desirable brightness?

A.



Choose brightness by taking ceiling height and light source in use into account.

* Class ○○○○ (equivalent to ~ W type unit) is a rough indication of brightness.

Q. What are intended type and capability?

A. Light source service life

60,000 hrs 60,000 hrs 40,000 hrs 40,000 hrs 4,000 hrs

Current lamp replacement maintenance drastically reduced by long life.

A. Light distribution

Wide-angle light distribution
Brightness of entire space available.

93° ~ 125°

Medium-angle light distribution
Brightness of floor and work area available.

50°

A. Dimming system

Standard equipment

General round type equipped with stepless dimming signals. Square type power-saving model and high-temp-resistant model equipped with step dimming function. Round type lightweight model and square type (separate power supply) equipped with both as standard.

● Step dimming function

(100% ⇄ Power-saving mode: 75%)



■ Product indication (example)

Luminous flux of unit

Model Light color

Unit image

Power consumption (mean power) • Specific energy efficiency • Mass of main unit

Please select the product from the list on the right side.

Application and Type	Ceiling Height and Brightness	General model (Indoor specifications)				Recommended for factories, warehouses, gymnasiums, and sports facilities					
		Power-saving model (Integrated power supply)		General model (Integrated power supply)		Square type		General model (Integrated power supply)			
		Energy-efficient type wide-angle light distribution (125°)		Luminance reduction type wide-angle light distribution (110°)		Wide-angle light distribution (93°)		Medium-angle light distribution (50°)			
	12 m 10 m	Class 4000 (Equivalent to metal halide lamp 1000 W type unit) 40,000 lm		Energy-efficient type Recommended for factory and warehouse renewal with low power consumption and affordable price Power consumption comparison 415 W Mercury lamp 400 W unit vs 79% reduction to 87 W Power-saving model class 1500 (EL-C15041N AHTN)		Low glare Suitable for sports facilities due to glare reduction Approx. 20% reduction compared to existing model having diffusion cover with guard (direct luminance comparison)		47,000 lm EL-C40030N-ID 2AHJ 303.7 W (275 W) • 154.7 lm/W • 6.6 kg		44,500 lm EL-C40031N-ID 2AHJ 303.7 W (275 W) • 146.5 lm/W • 6.6 kg	
	10 m 8 m	Class 3000 (Equivalent to mercury lamp 700 W type unit) 30,000 lm		EL-C20041N-ID 2AHTN 115.5 W • 181.8 lm/W • 3.4 kg		EL-C20042N-ID 2AHTN 115.5 W • 168.8 lm/W • 3.4 kg		34,200 lm EL-C30030N-ID 2AHJ 228.0 W (206 W) • 150.0 lm/W • 5.3 kg		32,400 lm EL-C30031N-ID 2AHJ 228.0 W (206 W) • 142.1 lm/W • 5.3 kg	
	8 m 6 m	Class 2000 (Equivalent to metal halide lamp 400 W type unit) 20,000 lm		EL-C15041N-ID 2AHTN 87.0 W • 183.9 lm/W • 2.9 kg		EL-C15042N-ID 2AHTN 87.0 W • 171.2 lm/W • 2.9 kg		23,800 lm EL-C20030N-ID 2AHJ 150.4 W (136 W) • 158.2 lm/W • 3.6 kg		22,500 lm EL-C20031N-ID 2AHJ 150.4 W (136 W) • 149.6 lm/W • 3.6 kg	
	6 m or less	Class 1500 (Equivalent to mercury lamp 400 W type unit) 16,000 lm		EL-C10041N-ID 2AHTN 64.4 W • 170.8 lm/W • 2.9 kg		EL-C10042N-ID 2AHTN 64.4 W • 158.3 lm/W • 2.9 kg		17,300 lm EL-C15030N-ID 2AHJ 114.1 W (103 W) • 151.6 lm/W • 3.1 kg		16,400 lm EL-C15031N-ID 2AHJ 114.1 W (103 W) • 143.7 lm/W • 3.1 kg	
		Class 1000 (Equivalent to mercury lamp 250 W type unit) 11,000 lm		EL-C10030N-ID 2AHJ 70.3 W (64 W) • 156.4 lm/W • 3.1 kg		EL-C10031N-ID 2AHJ 70.3 W (64 W) • 156.4 lm/W • 3.1 kg		11,000 lm EL-C10030N-ID 2AHJ 70.3 W (64 W) • 156.4 lm/W • 3.1 kg		11,000 lm EL-C10031N-ID 2AHJ 70.3 W (64 W) • 156.4 lm/W • 3.1 kg	

Common specifications

Available options

For compatibility of options, refer to colors of ● in the table.

Options [Compatible parts]

General model (Indoor specifications)	Bottom guard				Diffusion cover with guard				Whole guard				Wall mounting bracket	Electric lifting device mounting bracket	Chain hanging bracket	Ceiling box mounting bracket	Fall-prevention wire	Hanging chain			
	EL-X0089	EL-X0090	EL-X0091	EL-X0070	EL-X0073	EL-X0092	EL-X0093	EL-X0094	EL-X0074	EL-X0095	EL-X0096	EL-X0097	EL-X0047	EL-X0072	EL-X0049	EL-X0050	EL-X0051	EL-X0098	EL-X0099	EL-X0067	EL-X0068A
Class 4000	-	●x2	-	-	●	-	●x2	-	●	-	-	●	-	-	-	-	●x3	-	●	-	-
Class 3000	-	-	●	-	●	-	-	●	-	-	-	●	-	-	-	-	●x3	-	●	-	-
Class 2000	-	●	-	● ^{*1}	●	-	●	●	●	-	●	●	●	●	●	●	●x3	●	●	●	● ^{*5}
Class 1500	●	-	-	● ^{*1}	●	●	-	●	●	●	-	●	●	●	●	●	●x3	●	●	●	● ^{*5}
Class 1000	●	●	-	● ^{*1}	●	●	-	●	●	●	-	●	●	●	●	●	●x3	●	●	●	● ^{*5}

*1: EL-X0070 cannot be mounted alone. It must be mounted together with EL-X0072. *2: EL-X0118 cannot be used as guard. Combination of EL-X0118 and EL-X0070 only is impossible. *3: EL-X0049 cannot be combined with EL-X0051/EL-X0047. *4: To attach chain hanging bracket to class 4000, special-purpose item is used. *5: EL-X0067/EL-X0068A cannot be combined with EL-X0072. For further details, refer to Mitsubishi Electric Lighting Catalog. * Since product is under development, delivery specification must be referred to for final numerical values and compatible options. Please note that appearance and specifications are subject to change without prior notice.