

LED line

# PHANTOM

7

**YEAR**  
WARRANTY







Versions with MV motion sensor



Versions with DALI-2



High luminous efficacy



Built-in 1-10V cables

## HIGH BAY PHANTOM

### Key features

- ▶ High luminous efficacy up to 190 lm/W
- ▶ Wide range of power options and light distributions
- ▶ 1-10V dimming wires included as standard
- ▶ Versions with a microwave motion and light level sensor
- ▶ Versions with DALI-2
- ▶ Durable aluminium construction for effective heat dissipation
- ▶ Long lifetime up to 100,000h
- ▶ Universal mounting options
- ▶ 7-year warranty on selected models

### EFFICACY UP TO 190 lm/W

**Power [W]:**  
70, 100, 150, 200

**Luminous flux [lm]:**  
12250-38000

**Beam angle [°]**  
60, 90, 120

**Colour temperature [K]:**  
4000



**Lifetime [h]:**  
L70B50 - 100.000

**Diffuser:**  
polycarbonate

**Housing:**  
aluminium ADC12



B.9K.6012.0063.2025



## PHANTOM

When designing the PHANTOM luminaire, we set ourselves a clear goal: to create one of the most energy-efficient solutions on the market, without compromising on quality and lighting parameters.

PHANTOM combines advanced, high-efficiency optics with precisely selected components, achieving a true luminous efficacy of up to 190 lm/W. This result translates into energy savings in many investments, while guaranteeing stability, durability, and repeatability of parameters in demanding applications.

The result is a premium luminaire designed for investments where both maximum efficiency and long-term reliability are important.



### High bay PHANTOM GRID

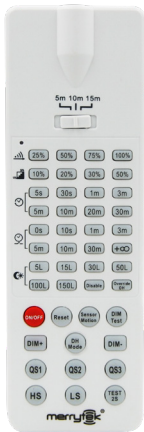
SYMBOL	PHANTOM [W]	DxH [mm]
227767 <b>New</b>	70/100	203 x 29
227774 <b>New</b>	150	243 x 29
227781 <b>New</b>	200	283 x 29



### PHANTOM universal bracket 10 mm

SYMBOL	DxH [mm]
212190 <b>New</b>	Ø11 x 115



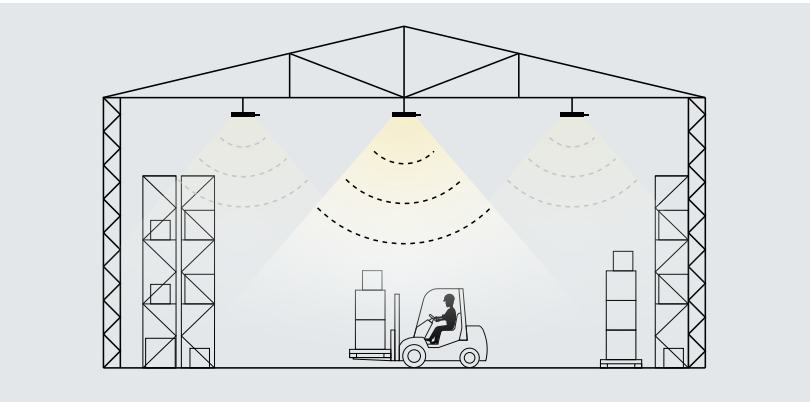


Motion sensor Merrytek MC079D RC 2

Phantom luminaire with built-in motion sensor by Merrytek, for the distribution of which we have exclusive rights, is a modern solution ideal for industrial facilities and large halls. The motion sensor automatically detects the presence of people or vehicles, activating lighting only when necessary. This significantly reduces energy consumption, resulting in lower operating costs.

Merrytek remote controller MH10

To configure the sensor, a Merrytek MH10 remote control is required to remotely control functions such as Motion Detection Range, Stand-by light level, Stand-by mode duration, the length of time the lamp is lit to the maximum when the sensor is not registering motion, daylight threshold to deactivate the sensor after sunrise (Daylight Harvesting), motion sensor sensitivity adjustment (High/Low). The remote control offers the ability to program three presets.



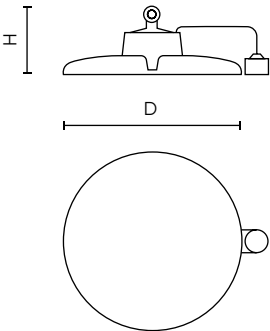
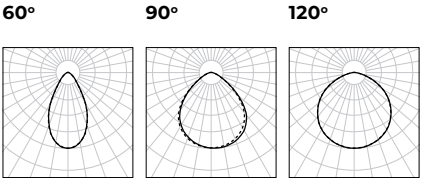
DALI-2 Power Supply for Industrial Luminaires is a modern digital lighting control system based on the open DALI-2 protocol. Enables precise control of individual luminaires or groups, ensures full device interoperability, and delivers reliable performance in demanding industrial environments.

**Automation** – integration with motion, daylight, and scheduling sensors allows real-time, automated light adjustment based on occupancy and ambient conditions.

**Grouping and lighting scenarios** – supports grouping of luminaires and assignment of lighting scenes, enabling flexible and efficient control in large-scale spaces.

**Remote management and diagnostics** – provides access to key luminaire data (voltage, temperature, operating hours) and fast fault detection via a central management system.

**Energy savings and cost reduction** – smart control and sensor-based dimming reduce energy usage by up to 60%, significantly lowering operational and maintenance costs.



175 lm/W



High bay PHANTOM CRI>80 1-10V with motion sensor

SYMBOL	[W]	☞ [°]	☀ [K]	☀ [lm]	DxH [mm]	EEI
219472 <b>New</b>	100	60	4000	17500	Ø250 x 152	A t G B
219465 <b>New</b>	100	90	4000	17500	Ø250 x 152	
219458 <b>New</b>	100	120	4000	17500	Ø250 x 152	
218949 <b>New</b>	150	60	4000	26250	Ø290 x 152	A t G B
218932 <b>New</b>	150	90	4000	26250	Ø290 x 152	
218925 <b>New</b>	150	120	4000	26250	Ø290 x 152	
219281 <b>New</b>	200	60	4000	35000	Ø330 x 152	A t G B
219274 <b>New</b>	200	90	4000	35000	Ø330 x 152	
219267 <b>New</b>	200	120	4000	35000	Ø330 x 152	

190 lm/W















High bay PHANTOM 1-10V with motion sensor

SYMBOL	[W]	☞ [°]	☀ [K]	☀ [lm]	DxH [mm]	EEI
207028	100	60	4000	19000	Ø250 x 152	A t G B
207011	100	90	4000	19000	Ø250 x 152	
207004	100	120	4000	19000	Ø250 x 152	
207059	150	60	4000	28500	Ø290 x 152	A t G B
207042	150	90	4000	28500	Ø290 x 152	
207035	150	120	4000	28500	Ø290 x 152	
207080	200	60	4000	38000	Ø330 x 152	A t G B
207073	200	90	4000	38000	Ø330 x 152	
207066	200	120	4000	38000	Ø330 x 152	













175 lm/W

High bay PHANTOM CRI>80 DALI-2

		SYMBOL	[W]	 [°]	 [K]	 [lm]	DxH	EEI
	219571	New	70	60	4000	12250	Ø250 x 152	
	219564	New	70	90	4000	12250	Ø250 x 152	
	219557	New	70	120	4000	12250	Ø250 x 152	
	219410	New	100	60	4000	17500	Ø250 x 152	
	219403	New	100	90	4000	17500	Ø250 x 152	
	219397	New	100	120	4000	17500	Ø250 x 152	
	218888	New	150	60	4000	26250	Ø290 x 152	
	218871	New	150	90	4000	26250	Ø290 x 152	
	218864	New	150	120	4000	26250	Ø290 x 152	
	219250	New	200	60	4000	35000	Ø330 x 152	
	219243	New	200	90	4000	35000	Ø330 x 152	
	219236	New	200	120	4000	35000	Ø330 x 152	












190 lm/W

High bay PHANTOM DALI-2

		SYMBOL	[W]	 [°]	 [K]	 [lm]	DxH	EEI
	216242	New	70	60	4000	13300	Ø250 x 152	
	216211	New	70	90	4000	13300	Ø250 x 152	
	216273	New	70	120	4000	13300	Ø250 x 152	
	216518	New	100	60	4000	19000	Ø250 x 152	
	216488	New	100	90	4000	19000	Ø250 x 152	
	216549	New	100	120	4000	19000	Ø250 x 152	
	216426	New	150	60	4000	28500	Ø290 x 152	
	216396	New	150	90	4000	28500	Ø290 x 152	
	216457	New	150	120	4000	28500	Ø290 x 152	
	216334	New	200	60	4000	38000	Ø330 x 152	
	216303	New	200	90	4000	38000	Ø330 x 152	
	216365	New	200	120	4000	38000	Ø330 x 152	












175 lm/W

High bay PHANTOM CRI>80 1-10V

		SYMBOL	[W]	 [°]	 [K]	 [lm]	DxH [mm]	EEI
	219540	New	70	60	4000	12250	Ø250 x 152	
	219533	New	70	90	4000	12250	Ø250 x 152	
	219526	New	70	120	4000	12250	Ø250 x 152	
	219373	New	100	60	4000	17500	Ø250 x 152	
	219366	New	100	90	4000	17500	Ø250 x 152	
	219359	New	100	120	4000	17500	Ø250 x 152	
	218857	New	150	60	4000	26250	Ø290 x 152	
	218840	New	150	90	4000	26250	Ø290 x 152	
	218833	New	150	120	4000	26250	Ø290 x 152	
	219229	New	200	60	4000	35000	Ø330 x 152	
	219212	New	200	90	4000	35000	Ø330 x 152	
	219205	New	200	120	4000	35000	Ø330 x 152	

190 lm/W

High bay PHANTOM 1-10V

		SYMBOL	[W]	 [°]	 [K]	 [lm]	DxH [mm]	EEI
	206601		70	60	4000	13300	Ø250 x 152	
	206595		70	90	4000	13300	Ø250 x 152	
	206588		70	120	4000	13300	Ø250 x 152	
	203167		100	60	4000	19000	Ø250 x 152	
	203150		100	90	4000	19000	Ø250 x 152	
	203143		100	120	4000	19000	Ø250 x 152	
	203198		150	60	4000	28500	Ø290 x 152	
	203181		150	90	4000	28500	Ø290 x 152	
	203174		150	120	4000	28500	Ø290 x 152	
	203228		200	60	4000	38000	Ø330 x 152	
	203211		200	90	4000	38000	Ø330 x 152	
	203204		200	120	4000	38000	Ø330 x 152	

# LED line

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## WE CO-CREATE



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