



# Philips GreenPerform Highbay: A versatile LED highbay that's designed to optimise performance

## GreenPerform Highbay Rectangular

The GreenPerform Highbay Rectangular continues the GreenPerform family's enviable reputation for reliable performance. Not only does it deliver Unified Glare Rating (UGR) control with its optimised optical design, it also promises leading system efficiency, compact dimensions and extended long-term quality. Optimized for almost all industrial applications, it is also fully compatible with IoT software such as the Interact scalable system.

### Benefits

- Excellent energy savings
- Long-term quality and reliability
- Great design flexibility and convenience thanks to optimised optics and multiple control options

### Features

- 140 lm/W system efficacy
- 70,000 hours lifetime @Ta 35°C
- Glare control (near beam), uniform illumination (wide beam) and maximal spacing (high-rack optic).
- Works seamlessly with the Interact IoT software and platform
- Compact and robust design

# GreenPerform Highbay Rectangular

## Application

- Warehouses
- Manufacturing
- Distribution centre
- Exhibition hall

## Versions



Approval and Application	
Mech. impact protection code	IK06
Ingress protection code	IP65
Operating and Electrical	
Input Voltage	220 to 240 V
General Information	
CE mark	-
Protection class IEC	Safety class I (I)
Optical cover/lens type	TSDM
Initial Performance (IEC Compliant)	
Init. Colour rendering index	>80
Luminous flux tolerance	+/-10%
Mechanical and Housing	
Colour	Grey

## Application Conditions

Order Code	Full Product Name	Ambient temperature range
911401500071	BY570P LED100/840 PSD NB CAU	-30 to +45 °C
911401500171	BY570P LED150/850 PSD NB CAU	-30 to +45 °C
911401500271	BY570P LED150/840 PSD NB CAU	-30 to +45 °C
911401595561	BY570P LED100/850 PSU WB CAU	-30 to +50 °C
911401595661	BY570P LED100/840 PSU WB CAU	-30 to +50 °C
911401595761	BY570P LED100/850 PSU HRO CAU	-30 to +50 °C
911401595861	BY570P LED100/840 PSU HRO CAU	-30 to +50 °C
911401595961	BY570P LED150/850 PSU WB CAU	-30 to +50 °C
911401596061	BY570P LED150/840 PSU WB CAU	-30 to +50 °C
911401596161	BY570P LED150/850 PSU HRO CAU	-30 to +50 °C
911401596261	BY570P LED150/840 PSU HRO CAU	-30 to +50 °C
911401597561	BY570P LED100/840 PSD WB CAU	-30 to +45 °C
911401597661	BY570P LED100/840 PSD HRO CAU	-30 to +45 °C
911401597761	BY570P LED150/840 PSD WB CAU	-30 to +45 °C
911401597861	BY570P LED150/840 PSD HRO CAU	-30 to +45 °C
911401598361	BY570P LED100/850 PSD WB CAU	-30 to +45 °C
911401598461	BY570P LED100/850 PSD HRO CAU	-30 to +45 °C
911401598561	BY570P LED150/850 PSD WB CAU	-30 to +45 °C
911401598661	BY570P LED150/850 PSD HRO CAU	-30 to +45 °C
911401599161	BY570P LED100/850 PSU NB CAU	-30 to +50 °C
911401599261	BY570P LED100/840 PSU NB CAU	-30 to +50 °C
911401599361	BY570P LED150/850 PSU NB CAU	-30 to +50 °C
911401599461	BY570P LED150/840 PSU NB CAU	-30 to +50 °C
911401599961	BY570P LED100/850 PSD NB CAU	-30 to +45 °C
911401500371	BY570P LED200/850 PSD NB CAU	-30 to +45 °C
911401500471	BY570P LED200/840 PSD NB CAU	-30 to +45 °C
911401596361	BY570P LED200/850 PSU WB CAU	-30 to +50 °C
911401596461	BY570P LED200/840 PSU WB CAU	-30 to +50 °C
911401596561	BY570P LED200/865 PSU WB CAU CL	-30 to +50 °C

## GreenPerform Highbay Rectangular

Order Code	Full Product Name	Ambient temperature range
911401596661	BY570P LED200/840 PSU WB CAU CL	-30 to +50 °C
911401596761	BY570P LED200/850 PSU HRO CAU	-30 to +50 °C
911401596861	BY570P LED200/840 PSU HRO CAU	-30 to +50 °C
911401597961	BY570P LED200/840 PSD WB CAU	-30 to +45 °C
911401598061	BY570P LED200/840 PSD HRO CAU	-30 to +45 °C
911401598761	BY570P LED200/850 PSD WB CAU	-30 to +45 °C
911401598861	BY570P LED200/850 PSD HRO CAU	-30 to +45 °C
911401599561	BY570P LED200/850 PSU NB CAU	-30 to +50 °C
911401599661	BY570P LED200/840 PSU NB CAU	-30 to +50 °C
911401500571	BY570P LED250/850 PSD NB CAU	-30 to +45 °C
911401500671	BY570P LED250/840 PSD NB CAU	-30 to +45 °C
911401596961	BY570P LED250/850 PSU WB CAU	-30 to +50 °C
911401597061	BY570P LED250/840 PSU WB CAU	-30 to +50 °C
911401597161	BY570P LED250/865 PSU WB CAU CL	-30 to +50 °C
911401597261	BY570P LED250/840 PSU WB CAU CL	-30 to +50 °C
911401597361	BY570P LED250/850 PSU HRO CAU	-30 to +50 °C
911401597461	BY570P LED250/840 PSU HRO CAU	-30 to +50 °C
911401598161	BY570P LED250/840 PSD WB CAU	-30 to +45 °C
911401598261	BY570P LED250/840 PSD HRO CAU	-30 to +45 °C
911401598961	BY570P LED250/850 PSD WB CAU	-30 to +45 °C
911401599061	BY570P LED250/850 PSD HRO CAU	-30 to +45 °C
911401599761	BY570P LED250/850 PSU NB CAU	-30 to +50 °C
911401599861	BY570P LED250/840 PSU NB CAU	-30 to +50 °C

### Controls and Dimming

Order Code	Full Product Name	Dimmable	Order Code	Full Product Name	Dimmable
911401500071	BY570P LED100/840 PSD NB CAU	Yes	911401500471	BY570P LED200/840 PSD NB CAU	Yes
911401500171	BY570P LED150/850 PSD NB CAU	Yes	911401596361	BY570P LED200/850 PSU WB CAU	No
911401500271	BY570P LED150/840 PSD NB CAU	Yes	911401596461	BY570P LED200/840 PSU WB CAU	No
911401595561	BY570P LED100/850 PSU WB CAU	No	911401596561	BY570P LED200/865 PSU WB CAU CL	No
911401595661	BY570P LED100/840 PSU WB CAU	No	911401596661	BY570P LED200/840 PSU WB CAU CL	No
911401595761	BY570P LED100/850 PSU HRO CAU	No	911401596761	BY570P LED200/850 PSU HRO CAU	No
911401595861	BY570P LED100/840 PSU HRO CAU	No	911401596861	BY570P LED200/840 PSU HRO CAU	No
911401595961	BY570P LED150/850 PSU WB CAU	No	911401597961	BY570P LED200/840 PSD WB CAU	Yes
911401596061	BY570P LED150/840 PSU WB CAU	No	911401598061	BY570P LED200/840 PSD HRO CAU	Yes
911401596161	BY570P LED150/850 PSU HRO CAU	No	911401598761	BY570P LED200/850 PSD WB CAU	Yes
911401596261	BY570P LED150/840 PSU HRO CAU	No	911401598861	BY570P LED200/850 PSD HRO CAU	Yes
911401597561	BY570P LED100/840 PSD WB CAU	Yes	911401599561	BY570P LED200/850 PSU NB CAU	No
911401597661	BY570P LED100/840 PSD HRO CAU	Yes	911401599661	BY570P LED200/840 PSU NB CAU	No
911401597761	BY570P LED150/840 PSD WB CAU	Yes	911401500571	BY570P LED250/850 PSD NB CAU	Yes
911401597861	BY570P LED150/840 PSD HRO CAU	Yes	911401500671	BY570P LED250/840 PSD NB CAU	Yes
911401598361	BY570P LED100/850 PSD WB CAU	Yes	911401596961	BY570P LED250/850 PSU WB CAU	No
911401598461	BY570P LED100/850 PSD HRO CAU	Yes	911401597061	BY570P LED250/840 PSU WB CAU	No
911401598561	BY570P LED150/850 PSD WB CAU	Yes	911401597161	BY570P LED250/865 PSU WB CAU CL	No
911401598661	BY570P LED150/850 PSD HRO CAU	Yes	911401597261	BY570P LED250/840 PSU WB CAU CL	No
911401599161	BY570P LED100/850 PSU NB CAU	No	911401597361	BY570P LED250/850 PSU HRO CAU	No
911401599261	BY570P LED100/840 PSU NB CAU	No	911401597461	BY570P LED250/840 PSU HRO CAU	No
911401599361	BY570P LED150/850 PSU NB CAU	No	911401598161	BY570P LED250/840 PSD WB CAU	Yes
911401599461	BY570P LED150/840 PSU NB CAU	No	911401598261	BY570P LED250/840 PSD HRO CAU	Yes
911401599961	BY570P LED100/850 PSD NB CAU	Yes	911401598961	BY570P LED250/850 PSD WB CAU	Yes
911401500371	BY570P LED200/850 PSD NB CAU	Yes	911401599061	BY570P LED250/850 PSD HRO CAU	Yes

## GreenPerform Highbay Rectangular

Order Code	Full Product Name	Dimmable
911401599761	BY570P LED250/850 PSU NB CAU	No

Order Code	Full Product Name	Dimmable
911401599861	BY570P LED250/840 PSU NB CAU	No

### Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401500071	BY570P LED100/840 PSD NB CAU	4000 K	133 lm/W	10000 lm	75 W
911401500171	BY570P LED150/850 PSD NB CAU	5000 K	126 lm/W	15000 lm	119 W
911401500271	BY570P LED150/840 PSD NB CAU	4000 K	126 lm/W	15000 lm	119 W
911401595561	BY570P LED100/850 PSU WB CAU	5000 K	145 lm/W	10000 lm	69 W
911401595661	BY570P LED100/840 PSU WB CAU	4000 K	145 lm/W	10000 lm	69 W
911401595761	BY570P LED100/850 PSU HRO CAU	5000 K	145 lm/W	10000 lm	69 W
911401595861	BY570P LED100/840 PSU HRO CAU	4000 K	145 lm/W	10000 lm	69 W
911401595961	BY570P LED150/850 PSU WB CAU	5000 K	135 lm/W	15000 lm	111 W
911401596061	BY570P LED150/840 PSU WB CAU	4000 K	135 lm/W	15000 lm	111 W
911401596161	BY570P LED150/850 PSU HRO CAU	5000 K	135 lm/W	15000 lm	111 W
911401596261	BY570P LED150/840 PSU HRO CAU	4000 K	135 lm/W	15000 lm	111 W
911401597561	BY570P LED100/840 PSD WB CAU	4000 K	133 lm/W	10000 lm	75 W
911401597661	BY570P LED100/840 PSD HRO CAU	4000 K	133 lm/W	10000 lm	75 W
911401597761	BY570P LED150/840 PSD WB CAU	4000 K	126 lm/W	15000 lm	119 W
911401597861	BY570P LED150/840 PSD HRO CAU	4000 K	126 lm/W	15000 lm	119 W

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401598361	BY570P LED100/850 PSD WB CAU	5000 K	133 lm/W	10000 lm	75 W
911401598461	BY570P LED100/850 PSD HRO CAU	5000 K	133 lm/W	10000 lm	75 W
911401598561	BY570P LED150/850 PSD WB CAU	5000 K	126 lm/W	15000 lm	119 W
911401598661	BY570P LED150/850 PSD HRO CAU	5000 K	126 lm/W	15000 lm	119 W
911401599161	BY570P LED100/850 PSU NB CAU	5000 K	145 lm/W	10000 lm	69 W
911401599261	BY570P LED100/840 PSU NB CAU	4000 K	145 lm/W	10000 lm	69 W
911401599361	BY570P LED150/850 PSU NB CAU	5000 K	135 lm/W	15000 lm	111 W
911401599461	BY570P LED150/840 PSU NB CAU	4000 K	135 lm/W	15000 lm	111 W
911401599961	BY570P LED100/850 PSD NB CAU	5000 K	133 lm/W	10000 lm	75 W
911401500371	BY570P LED200/850 PSD NB CAU	5000 K	132 lm/W	20000 lm	152 W
911401500471	BY570P LED200/840 PSD NB CAU	4000 K	132 lm/W	20000 lm	152 W
911401596361	BY570P LED200/850 PSU WB CAU	5000 K	139 lm/W	20000 lm	144 W
911401596461	BY570P LED200/840 PSU WB CAU	4000 K	139 lm/W	20000 lm	144 W
911401596561	BY570P LED200/865 PSU WB CAU CL	6500 K	139 lm/W	20000 lm	144 W
911401596661	BY570P LED200/840 PSU WB CAU CL	4000 K	139 lm/W	20000 lm	144 W

## GreenPerform Highbay Rectangular

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401596761	BY570P LED200/850 PSU HRO CAU	5000 K	139 lm/W	20000 lm	144 W
911401596861	BY570P LED200/840 PSU HRO CAU	4000 K	139 lm/W	20000 lm	144 W
911401597961	BY570P LED200/840 PSD WB CAU	4000 K	132 lm/W	20000 lm	152 W
911401598061	BY570P LED200/840 PSD HRO CAU	4000 K	132 lm/W	20000 lm	152 W
911401598761	BY570P LED200/850 PSD WB CAU	5000 K	132 lm/W	20000 lm	152 W
911401598861	BY570P LED200/850 PSD HRO CAU	5000 K	132 lm/W	20000 lm	152 W
911401599561	BY570P LED200/850 PSU NB CAU	5000 K	139 lm/W	20000 lm	144 W
911401599661	BY570P LED200/840 PSU NB CAU	4000 K	139 lm/W	20000 lm	144 W
911401500571	BY570P LED250/850 PSD NB CAU	5000 K	128 lm/W	25000 lm	199 W
911401500671	BY570P LED250/840 PSD NB CAU	4000 K	128 lm/W	25000 lm	199 W
911401596961	BY570P LED250/850 PSU WB CAU	5000 K	140 lm/W	25000 lm	182 W

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401597061	BY570P LED250/840 PSU WB CAU	4000 K	140 lm/W	25000 lm	182 W
911401597161	BY570P LED250/865 PSU WB CAU CL	6500 K	140 lm/W	25000 lm	182 W
911401597261	BY570P LED250/840 PSU WB CAU CL	4000 K	140 lm/W	25000 lm	182 W
911401597361	BY570P LED250/850 PSU HRO CAU	5000 K	140 lm/W	25000 lm	182 W
911401597461	BY570P LED250/840 PSU HRO CAU	4000 K	140 lm/W	25000 lm	182 W
911401598161	BY570P LED250/840 PSD WB CAU	4000 K	128 lm/W	25000 lm	199 W
911401598261	BY570P LED250/840 PSD HRO CAU	4000 K	128 lm/W	25000 lm	199 W
911401598961	BY570P LED250/850 PSD WB CAU	5000 K	128 lm/W	25000 lm	199 W
911401599061	BY570P LED250/850 PSD HRO CAU	5000 K	128 lm/W	25000 lm	199 W
911401599761	BY570P LED250/850 PSU NB CAU	5000 K	140 lm/W	25000 lm	182 W
911401599861	BY570P LED250/840 PSU NB CAU	4000 K	140 lm/W	25000 lm	182 W

