



PHILIPS

Indoor Lighting

GreenPerform Highbay
Rectangular



Rectangular, optimized and versatile LED highbay

The GreenPerform Highbay Rectangular continues GreenPerform family's reliable performance, provides UGR control with optimized optical design, leading system efficiency, compact dimension, extended long-term quality and scalable interact system offering. It is optimized for almost all industrial applications.

Features and benefits

- **Compact size** with optimized thermal consideration & **IP65 feature**
- Strong Energy saving story – up to **140lm/W**
- Long term quality & reliability within **70Khrs long lifetime span**
- **Optimized optic design** with individual lens, delivering good glare control (UGR 22) with NB and max. luminaire spacing with HRO.
- **Interact system** integrated

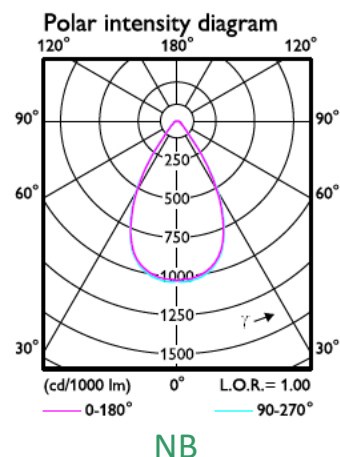
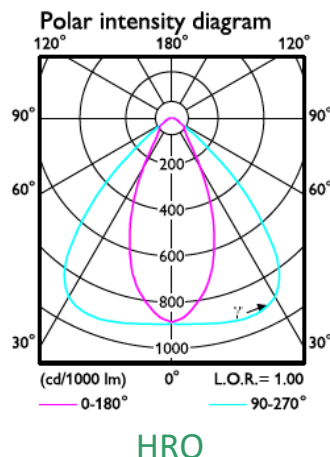
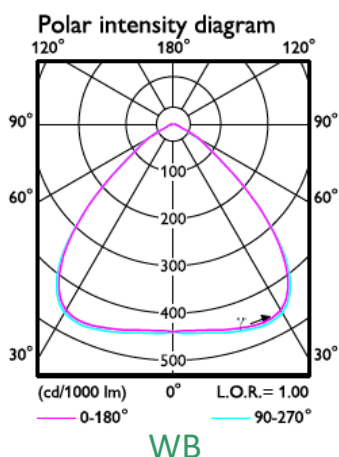
Application

- Warehouses
- Logistical centers & distributor centers
- General manufacturing

Product Data _ PSU

Types (BY570P)	LED100	LED150	LED200	LED250
Lumen Output (typ.) $\pm 10\%$	10000lm	15000lm	20000lm	25000lm
System Power (typ.) $\pm 10\%$	69W	111W	144W	182W
System Efficacy (typ.) $\pm 10\%$	145lm/W	135lm/W	139lm/W	140lm/W
CCT (typ.)	6500K / 4000K / 5000K			
CRI	> 80			
Color consistency	5 SDCM			
IP/IK rating	IP65/ IK06			
Classification	Class I			
Operation Temperature	-30°C ~ +50°C			
Lifetime (hrs)	70,000 hrs L70B50 @35°C			
Optics	WB / NB / HRO			
UGR	WB 27 / NB 22 / HRO 28			
Input Voltage	220-240V, 50/60 Hz			
Power factor	0.95			
Surge projection	2KV/4KV			
THD	<15%			
Mounting / Installation	Suspension kit included in the box for GM version, chain to be ordered separately Pipe kit included in the box for GC version Optional: Bracket			
Warranty	3 years			
Length x Width (mm)	340 x 236	340 x 236	340 x 272	328 x 320
Height (mm)	110	110	110	130
Weight (KGS)	3.2	3.2	3.6	4.8
Certificate	CCC/CB/EMC/CE/SAA			

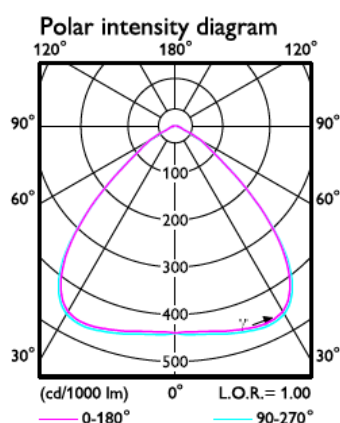
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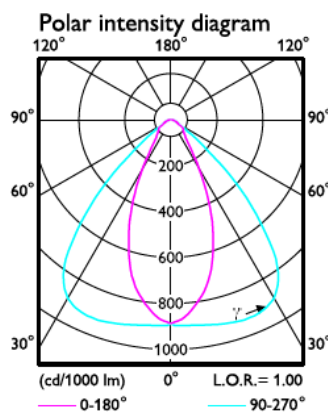
Product Data _ PSD

Types (BY570P)	LED100	LED150	LED200	LED250
Lumen Output (typ.) $\pm 10\%$	10000lm	15000lm	20000lm	25000lm
System Power (typ.) $\pm 10\%$	75W	119W	152W	199W
System Efficacy (typ.) $\pm 10\%$	133lm/W	126lm/W	132lm/W	128lm/W
CCT (typ.)	6500K / 4000K / 5000K			
CRI	> 80			
Color consistency	5 SDCM			
IP/IK rating	IP65/ IK06			
Classification	Class I			
Operation Temperature	-30°C ~ +45°C			
Lifetime (hrs)	70,000 hrs L70B50 @35°C			
Optics	WB / NB / HRO			
UGR	WB 27 / NB 22 / HRO 28			
Input Voltage	220-240V, 50/60 Hz			
Power factor	0.95			
Surge projection	2KV/4KV			
THD	<15%			
Mounting / Installation	Suspension kit included in the box for GM version, chain to be ordered separately Pipe kit included in the box for GC version Optional: Bracket			
Warranty	3 years			
Length x Width (mm)	340 x 236	340 x 236	340 x 272	328 x 320
Height (mm)	110	110	110	130
Weight (KGS)	4.1	4.1	4.4	6.7
Certificate	CCC/CB/EMC/CE/SAA			

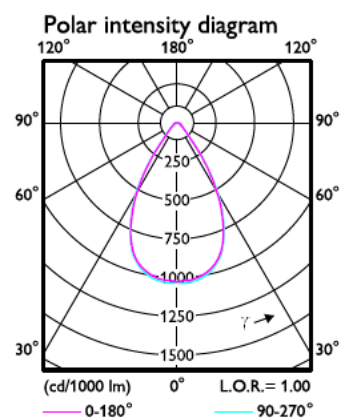
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WB



HRO

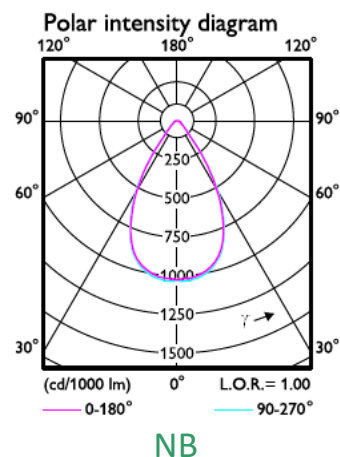
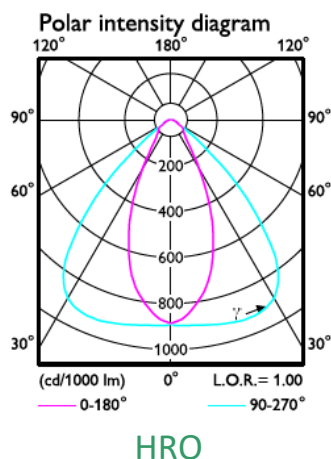
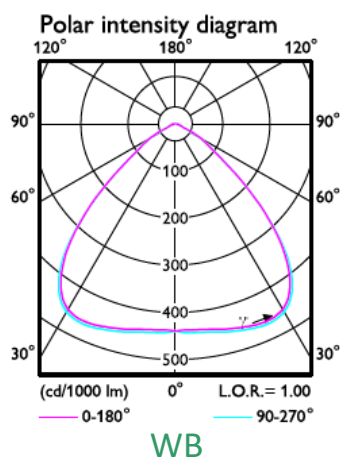


NB

Product Data _ Interact

Types (BY570X)	LED100	LED150	LED200	LED250
Lumen Output (typ.) ±10%	10000lm	15000lm	20000lm	25000lm
System Power (typ.) ±10%	71W	114W	147W	190W
System Efficacy (typ.) ±10%	140lm/W	131lm/W	136lm/W	131lm/W
CCT (typ.)	6500K / 4000K / 5000K			
CRI	> 80			
Color consistency	5 SDCM			
IP/IK rating	IP65/ IK05			
Classification	Class I			
Operation Temperature	-30°C ~ +45°C			
Lifetime (hrs)	70,000 hrs L70B50 @35°C			
Optics	WB / NB / HRO			
UGR	WB 27 / NB 22 / HRO 28			
Input Voltage	220-240V, 50/60 Hz			
Power factor	0.95			
Surge projection	2KV/4KV			
THD	<15%			
Sensor	SNH210 IA (Integrated)			
Mounting / Installation	Suspension kit included in the box for GM version, chain to be ordered separately Pipe kit included in the box for GC version Optional: Bracket			
Warranty	3 years			
Length x Width (mm)	460 x 236	460 x 236	460 x 272	450 x 320
Height (mm)	110	110	110	130
Weight (KGS)	4.1	4.1	4.4	6.7
Certificate	CCC/CB/EMC/CE/SAA/RF			

Photometry



Order Information

12NC	Product Description	Lumen (lm)	Wattage (W)	CCT (K)	Optics
911401585961	BY570P LED100/CW PSU WB GC	10Klm	69W	6500K	WB
911401586061	BY570P LED100/NW PSU WB GC	10Klm	69W	4000K	WB
911401586161	BY570P LED100/CW PSU HRO GC	10Klm	69W	6500K	HRO
911401586261	BY570P LED100/NW PSU HRO GC	10Klm	69W	4000K	HRO
911401586361	BY570P LED150/CW PSU WB GC	15Klm	111W	6500K	WB
911401586461	BY570P LED150/NW PSU WB GC	15Klm	111W	4000K	WB
911401586561	BY570P LED150/CW PSU HRO GC	15Klm	111W	6500K	HRO
911401586661	BY570P LED150/NW PSU HRO GC	15Klm	111W	4000K	HRO
911401586761	BY570P LED200/CW PSU WB GC	20Klm	144W	6500K	WB
911401586861	BY570P LED200/NW PSU WB GC	20Klm	144W	4000K	WB
911401586961	BY570P LED200/CW PSU HRO GC	20Klm	144W	6500K	HRO
911401587061	BY570P LED200/NW PSU HRO GC	20Klm	144W	4000K	HRO
911401587161	BY570P LED250/CW PSU WB GC	25Klm	182W	6500K	WB
911401587261	BY570P LED250/NW PSU WB GC	25Klm	182W	4000K	WB
911401587361	BY570P LED250/CW PSU HRO GC	25Klm	182W	6500K	HRO
911401587461	BY570P LED250/NW PSU HRO GC	25Klm	182W	4000K	HRO
911401589161	BY570P LED100/CW PSU NB GC	10Klm	69W	6500K	NB
911401589261	BY570P LED100/NW PSU NB GC	10Klm	69W	4000K	NB
911401589361	BY570P LED150/CW PSU NB GC	15Klm	111W	6500K	NB
911401589461	BY570P LED150/NW PSU NB GC	15Klm	111W	4000K	NB
911401589561	BY570P LED200/CW PSU NB GC	20Klm	144W	6500K	NB
911401589661	BY570P LED200/NW PSU NB GC	20Klm	144W	4000K	NB
911401589761	BY570P LED250/CW PSU NB GC	25Klm	182W	6500K	NB
911401589861	BY570P LED250/NW PSU NB GC	25Klm	182W	4000K	NB

12NC	Product Description	Lumen (lm)	Wattage (W)	CCT (K)	Optics
911401587561	BY570P LED100/NW PSD WB GC	10Klm	75W	4000K	WB
911401587661	BY570P LED100/NW PSD HRO GC	10Klm	75W	4000K	HRO
911401587761	BY570P LED150/NW PSD WB GC	15Klm	119W	4000K	WB
911401587861	BY570P LED150/NW PSD HRO GC	15Klm	119W	4000K	HRO
911401587961	BY570P LED200/NW PSD WB GC	20Klm	152W	4000K	WB
911401588061	BY570P LED200/NW PSD HRO GC	20Klm	152W	4000K	HRO
911401588161	BY570P LED250/NW PSD WB GC	25Klm	199W	4000K	WB
911401588261	BY570P LED250/NW PSD HRO GC	25Klm	199W	4000K	HRO
911401588361	BY570P LED100/CW PSD WB GC	10Klm	75W	6500K	WB
911401588461	BY570P LED100/CW PSD HRO GC	10Klm	75W	6500K	HRO
911401588561	BY570P LED150/CW PSD WB GC	15Klm	119W	6500K	WB
911401588661	BY570P LED150/CW PSD HRO GC	15Klm	119W	6500K	HRO
911401588761	BY570P LED200/CW PSD WB GC	20Klm	152W	6500K	WB
911401588861	BY570P LED200/CW PSD HRO GC	20Klm	152W	6500K	HRO
911401588961	BY570P LED250/CW PSD WB GC	25Klm	199W	6500K	WB
911401589061	BY570P LED250/CW PSD HRO GC	25Klm	199W	6500K	HRO
911401589961	BY570P LED100/CW PSD NB GC	10Klm	75W	6500K	NB
911401590061	BY570P LED100/NW PSD NB GC	10Klm	75W	4000K	NB
911401590161	BY570P LED150/CW PSD NB GC	15Klm	119W	6500K	NB
911401590261	BY570P LED150/NW PSD NB GC	15Klm	119W	4000K	NB
911401590361	BY570P LED200/CW PSD NB GC	20Klm	152W	6500K	NB
911401590461	BY570P LED200/NW PSD NB GC	20Klm	152W	4000K	NB
911401590561	BY570P LED250/CW PSD NB GC	25Klm	199W	6500K	NB
911401590661	BY570P LED250/NW PSD NB GC	25Klm	199W	4000K	NB

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Order Information

12NC	Product Description	Lumen (lm)	Wattage (W)	CCT (K)	Optics
911401513181	BY570X LED100/NW Connected WB GC	10Klm	71W	4000K	WB
911401513281	BY570X LED100/NW Connected HRO GC	10Klm	71W	4000K	HRO
911401513381	BY570X LED150/NW Connected WB GC	15Klm	114W	4000K	WB
911401513481	BY570X LED150/NW Connected HRO GC	15Klm	114W	4000K	HRO
911401513581	BY570X LED200/NW Connected WB GC	20Klm	147W	4000K	WB
911401513681	BY570X LED200/NW Connected HRO GC	20Klm	147W	4000K	HRO
911401532081	BY570X LED250/NW Connected WB GC	25Klm	190W	4000K	WB
911401532181	BY570X LED250/NW Connected HRO GC	25Klm	190W	4000K	HRO
911401513781	BY570X LED100/CW Connected WB GC	10Klm	71W	6500K	WB
911401513881	BY570X LED100/CW Connected HRO GC	10Klm	71W	6500K	HRO
911401513981	BY570X LED150/CW Connected WB GC	15Klm	114W	6500K	WB
911401514081	BY570X LED150/CW Connected HRO GC	15Klm	114W	6500K	HRO
911401514181	BY570X LED200/CW Connected WB GC	20Klm	147W	6500K	WB
911401514281	BY570X LED200/CW Connected HRO GC	20Klm	147W	6500K	HRO
911401532281	BY570X LED250/CW Connected WB GC	25Klm	190W	6500K	WB
911401532381	BY570X LED250/CW Connected HRO GC	25Klm	190W	6500K	HRO
911401514381	BY570X LED100/CW Connected NB GC	10Klm	71W	6500K	NB
911401514481	BY570X LED100/NW Connected NB GC	10Klm	71W	4000K	NB
911401514581	BY570X LED150/CW Connected NB GC	15Klm	114W	6500K	NB
911401514681	BY570X LED150/NW Connected NB GC	15Klm	114W	4000K	NB
911401514781	BY570X LED200/CW Connected NB GC	20Klm	147W	6500K	NB
911401514881	BY570X LED200/NW Connected NB GC	20Klm	147W	4000K	NB
911401532481	BY570X LED250/CW Connected NB GC	25Klm	190W	6500K	NB
911401532581	BY570X LED250/NW Connected NB GC	25Klm	190W	4000K	NB

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Order Information

12NC	Product Description	Lumen (lm)	Wattage (W)	CCT (K)	Optics
911401590761	BY570P LED100/CW PSU WB GM	10Klm	69W	6500K	WB
911401590861	BY570P LED100/NW PSU WB GM	10Klm	69W	4000K	WB
911401590961	BY570P LED100/CW PSU HRO GM	10Klm	69W	6500K	HRO
911401591061	BY570P LED100/NW PSU HRO GM	10Klm	69W	4000K	HRO
911401591161	BY570P LED150/CW PSU WB GM	15Klm	111W	6500K	WB
911401591261	BY570P LED150/NW PSU WB GM	15Klm	111W	4000K	WB
911401591361	BY570P LED150/CW PSU HRO GM	15Klm	111W	6500K	HRO
911401591461	BY570P LED150/NW PSU HRO GM	15Klm	111W	4000K	HRO
911401591561	BY570P LED200/CW PSU WB GM	20Klm	144W	6500K	WB
911401591661	BY570P LED200/NW PSU WB GM	20Klm	144W	4000K	WB
911401591761	BY570P LED200/CW PSU HRO GM	20Klm	144W	6500K	HRO
911401591861	BY570P LED200/NW PSU HRO GM	20Klm	144W	4000K	HRO
911401591961	BY570P LED250/CW PSU WB GM	25Klm	182W	6500K	WB
911401592061	BY570P LED250/NW PSU WB GM	25Klm	182W	4000K	WB
911401592161	BY570P LED250/CW PSU HRO GM	25Klm	182W	6500K	HRO
911401592261	BY570P LED250/NW PSU HRO GM	25Klm	182W	4000K	HRO
911401593961	BY570P LED100/CW PSU NB GM	10Klm	69W	6500K	NB
911401594061	BY570P LED100/NW PSU NB GM	10Klm	69W	4000K	NB
911401594161	BY570P LED150/CW PSU NB GM	15Klm	111W	6500K	NB
911401594261	BY570P LED150/NW PSU NB GM	15Klm	111W	4000K	NB
911401594361	BY570P LED200/CW PSU NB GM	20Klm	144W	6500K	NB
911401594461	BY570P LED200/NW PSU NB GM	20Klm	144W	4000K	NB
911401594561	BY570P LED250/CW PSU NB GM	25Klm	182W	6500K	NB
911401594661	BY570P LED250/NW PSU NB GM	25Klm	182W	4000K	NB

12NC	Product Description	Lumen (lm)	Wattage (W)	CCT (K)	Optics
911401592361	BY570P LED100/NW PSD WB GM	10Klm	75W	4000K	WB
911401592461	BY570P LED100/NW PSD HRO GM	10Klm	75W	4000K	HRO
911401592561	BY570P LED150/NW PSD WB GM	15Klm	119W	4000K	WB
911401592661	BY570P LED150/NW PSD HRO GM	15Klm	119W	4000K	HRO
911401592761	BY570P LED200/NW PSD WB GM	20Klm	152W	4000K	WB
911401592861	BY570P LED200/NW PSD HRO GM	20Klm	152W	4000K	HRO
911401592961	BY570P LED250/NW PSD WB GM	25Klm	199W	4000K	WB
911401593061	BY570P LED250/NW PSD HRO GM	25Klm	199W	4000K	HRO
911401593161	BY570P LED100/CW PSD WB GM	10Klm	75W	6500K	WB
911401593261	BY570P LED100/CW PSD HRO GM	10Klm	75W	6500K	HRO
911401593361	BY570P LED150/CW PSD WB GM	15Klm	119W	6500K	WB
911401593461	BY570P LED150/CW PSD HRO GM	15Klm	119W	6500K	HRO
911401593561	BY570P LED200/CW PSD WB GM	20Klm	152W	6500K	WB
911401593661	BY570P LED200/CW PSD HRO GM	20Klm	152W	6500K	HRO
911401593761	BY570P LED250/CW PSD WB GM	25Klm	199W	6500K	WB
911401593861	BY570P LED250/CW PSD HRO GM	25Klm	199W	6500K	HRO
911401594761	BY570P LED100/CW PSD NB GM	10Klm	75W	6500K	NB
911401594861	BY570P LED100/NW PSD NB GM	10Klm	75W	4000K	NB
911401594961	BY570P LED150/CW PSD NB GM	15Klm	119W	6500K	NB
911401595061	BY570P LED150/NW PSD NB GM	15Klm	119W	4000K	NB
911401595161	BY570P LED200/CW PSD NB GM	20Klm	152W	6500K	NB
911401595261	BY570P LED200/NW PSD NB GM	20Klm	152W	4000K	NB
911401595361	BY570P LED250/CW PSD NB GM	25Klm	199W	6500K	NB
911401595461	BY570P LED250/NW PSD NB GM	25Klm	199W	4000K	NB

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Order Information

12NC	Product Description	Lumen (lm)	Wattage (W)	CCT (K)	Optics
911401514981	BY570X LED100/NW Connected WB GM	10Klm	71W	4000K	WB
911401515081	BY570X LED100/NW Connected HRO GM	10Klm	71W	4000K	HRO
911401515181	BY570X LED150/NW Connected WB GM	15Klm	114W	4000K	WB
911401515281	BY570X LED150/NW Connected HRO GM	15Klm	114W	4000K	HRO
911401515381	BY570X LED200/NW Connected WB GM	20Klm	147W	4000K	WB
911401515481	BY570X LED200/NW Connected HRO GM	20Klm	147W	4000K	HRO
911401532681	BY570X LED250/NW Connected WB GM	25Klm	190W	4000K	WB
911401532781	BY570X LED250/NW Connected HRO GM	25Klm	190W	4000K	HRO
911401515581	BY570X LED100/CW Connected WB GM	10Klm	71W	6500K	WB
911401515681	BY570X LED100/CW Connected HRO GM	10Klm	71W	6500K	HRO
911401515781	BY570X LED150/CW Connected WB GM	15Klm	114W	6500K	WB
911401515881	BY570X LED150/CW Connected HRO GM	15Klm	114W	6500K	HRO
911401515981	BY570X LED200/CW Connected WB GM	20Klm	147W	6500K	WB
911401516081	BY570X LED200/CW Connected HRO GM	20Klm	147W	6500K	HRO
911401532881	BY570X LED250/CW Connected WB GM	25Klm	190W	6500K	WB
911401532981	BY570X LED250/CW Connected HRO GM	25Klm	190W	6500K	HRO
911401516281	BY570X LED100/CW Connected NB GM	10Klm	71W	6500K	NB
911401516381	BY570X LED100/NW Connected NB GM	10Klm	71W	4000K	NB
911401516481	BY570X LED150/CW Connected NB GM	15Klm	114W	6500K	NB
911401516581	BY570X LED150/NW Connected NB GM	15Klm	114W	4000K	NB
911401516681	BY570X LED200/CW Connected NB GM	20Klm	147W	6500K	NB
911401519881	BY570X LED200/NW Connected NB GM	20Klm	147W	4000K	NB
911401533081	BY570X LED250/CW Connected NB GM	25Klm	190W	6500K	NB
911401533181	BY570X LED250/NW Connected NB GM	25Klm	190W	4000K	NB

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