



LED High Bay

Description

For years Pandora Green has focused its efforts in studying the primary sectors of production: such as industry, logistics and big distribution. After a long and careful analysis of energy consumption produced with the old technologies, Pandora Green has introduced its new product: Smart High Bay Series, industrial projectors with highest lighting, electric and electronic performance. It guarantees consumption reduction and allows the operator to conduct remote control of every light spot at site.

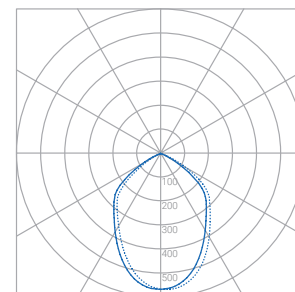
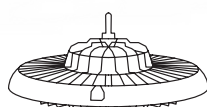
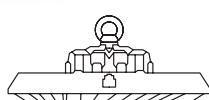
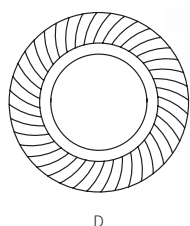
Certifications





UFO HIGH BAY

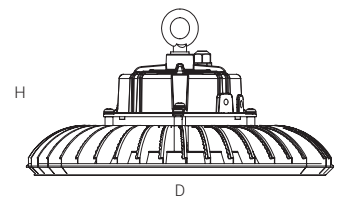
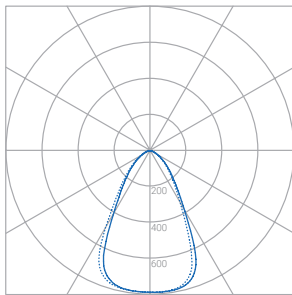
Reflector
on Demand



Product Dimensions	Diameter (mm)	Height (mm)	Weight (Kg)
PG-UFO90W	330	167	3,6
PG-UFO135W	330	167	3,7
PG-UFO180W	400	195	5,9
PG-UFO220W	400	195	5,9

	PG-UFO90W	PG-UFO135W	PG-UFO180W	PG-UFO220W
Input	120 ~ 277 VAC / 50-60 Hz	120 ~ 277 VAC / 50-60 Hz	120 ~ 277 VAC / 50-60 Hz	120 ~ 277 VAC / 50-60 Hz
Nominal Power	90W	135W	180W	220W
Total Power	88W ~ 92W	133W ~ 137W	177W ~ 183W	217W ~ 223W
Equivalent Power	250W	250W	400W	400W
Power Factor	≥ 0,90	≥ 0,90	≥ 0,90	≥ 0,90
Led Type / Q.ty	SMD 3030 / 180pcs	SMD 3030 / 270pcs	SMD 3030 / 360pcs	SMD 3030 / 432pcs
Led Driver	Sosen	Sosen	Sosen	Sosen
Driver Input	90 ~ 305 VAC / 0,6A	90 ~ 305 VAC / 0,85A	90 ~ 305 VAC / 1,4A	90 ~ 305 VAC / 1,4A
Output Driver Current	2,4A	3,6A	4,8A	5,76A
Insulation Class	Class I	Class I	Class I	Class I
Output Flux	12.600 lm	19.000 lm	25.200 lm	30.800 lm
Luminaire Efficacy	140 lm/W	140 lm/W	140 lm/W	140 lm/W
CCT	4000K - 5000K	4000K - 5000K	4000K - 5000K	4000K - 5000K
CRI (Ra)	≥ 80	≥ 80	≥ 80	≥ 80
Beam Angle	90° (Reflector) / 110°	90° (Reflector) / 110°	90° (Reflector) / 110°	90° (Reflector) / 110°
UGR	< 25	< 25	< 25	< 25
IP Protection	IP65	IP65	IP65	IP65
Surge Protection	6kV / 6kV	6kV / 6kV	6kV / 6kV	6kV / 6kV
Operating Temperature	-35 °C ~ 50 °C	-35 °C ~ 50 °C	-35 °C ~ 50 °C	-35 °C ~ 50 °C
Storage Temperature	-40 °C ~ 80 °C	-40 °C ~ 80 °C	-40 °C ~ 80 °C	-40 °C ~ 80 °C
Dimming Options	0-10V - PWM - Resistance - Timing	0-10V - PWM - Resistance - Timing	0-10V - PWM - Resistance - Timing	0-10V - PWM - Resistance - Timing
Useful Life	> 54.000 Hours (L90)	> 54.000 Hours (L90)	> 54.000 Hours (L90)	> 54.000 Hours (L90)
Materials	Aluminum	Aluminum	Aluminum	Aluminum
Installation	Suspending	Suspending	Suspending	Suspending

HIGH BAY T SERIES



Model	Diameter (mm)	Height (mm)	Weight (mm)
PG-HBT80W/100W	289	168	3,0
PG-HBT130W/150W	289	185	3,0
PG-HBT180W/200W	341	141	3,5

	PG-HBT80W/100W	PG-HBT130W/150W	PG-HBT180W/200W
Input	90 ~ 305 VAC / 50-60 Hz	90 ~ 305 VAC / 50-60 Hz	90 ~ 305 VAC / 50-60 Hz
Nominal Power	80W / 100W	130W / 150W	180W / 200W
Total Power	78W ~ 82W / 98W ~ 102W	127W ~ 133W / 147W ~ 153W	176W ~ 184W / 196W ~ 204W
Equivalent Power	150W / 250W	250W / 400W	Up to 1000W
Power Factor	> 0.90	> 0.90	> 0.90
Led Type / Q.ty	SMD 2835	SMD 2835	SMD 2835
Led Driver	Sosen	Sosen	Sosen
Insulation Class	Class I	Class I	Class I
Nominal Flux	12.800 lm / 16.000 lm	20.800 lm / 24.000 lm	28.800 lm / 32.000 lm
Output Flux	12.000 lm / 15.000 lm	19.500 lm / 22.500 lm	28.800 lm / 30.000 lm
Luminaire Efficacy	≥150 lm/W	≥150 lm/W	≥150 lm/W
CCT	3000K - 4000K - 6000K	3000K - 4000K - 6000K	3000K - 4000K - 6000K
CRI (Ra)	> 80	> 80	> 80
Beam Angle	60° / 90°	60° / 90°	60° / 90°
UGR	> 19	> 19	> 19
IP Protection	IP65	IP65	IP65
Operating Temperature	-30 °C ~ 60 °C	-30 °C ~ 60 °C	-30 °C ~ 60 °C
Storage Temperature	-30 °C ~ 80 °C	-30 °C ~ 80 °C	-30 °C ~ 80 °C
Dimming Options	1-10V - PWM - Resistance	1-10V - PWM - Resistance	1-10V - PWM - Resistance
Glass	Transparent	Transparent	Transparent
Materials	AL + Tempered Glass	AL + Tempered Glass	AL + Tempered Glass
Installation	Suspending	Suspending	Suspending
Accessories	Bracket On Demand	Bracket On Demand	Bracket On Demand

HIGH LUMEN SMART HIGH BAY



100W - 130W

	PG-HBL100W	PG-HBL130W
Input	90 ~ 305 VAC / 50-60 Hz	220 ~ 240 VAC / 50-60 Hz
Nominal Power	100W	130W
Total Power	97W ~ 103W	126W ~ 134W
Equivalent Power	250W	250W
Power Factor	> 0.90	> 0.90
Led Type / Q.ty	SMD 3030 / 180 pcs	SMD 3030 / 240 pcs
Led Driver	Meanwell - HBG Series	Meanwell - HBG Series
Driver Input	90 ~ 305 VAC / 0,44 A	220 ~ 240 VAC / 0,57 A
Driver Output	40 ~ 48 VDC / 2,00 A	40 ~ 48 VDC / 2,65 A
Insulation Class	Class I	Class I
Nominal Flux	18.000 lm	24.000 lm
Output Flux	14.000 lm	18.400 lm
Luminaire Efficacy	> 130 lm/W	> 130 lm/W
CCT	3000K - 4000K - 6000K	3000K - 4000K - 6000K
CRI (Ra)	> 80	> 80
Beam Angle	25° / 45° / 60° / 90° / 120°	25° / 45° / 60° / 90° / 120°
UGR	< 22	< 22
IP Protection	IP54 / IP65	IP54 / IP65
Operating Temperature	-30 °C ~ 60 °C	-30 °C ~ 60 °C
Storage Temperature	-30 °C ~ 80 °C	-30 °C ~ 80 °C
Dimming Options	1-10V - PWM - Resistance	1-10V - PWM - Resistance
Useful Life	> 60.000 Hours (L80)	> 60.000 Hours (L80)
Materials IP54 Version	AL	AL
Materials IP65 Version	AL + Tempered Glass	AL + Tempered Glass
Installation	Suspending	Suspending

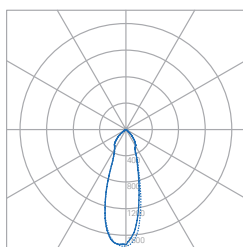
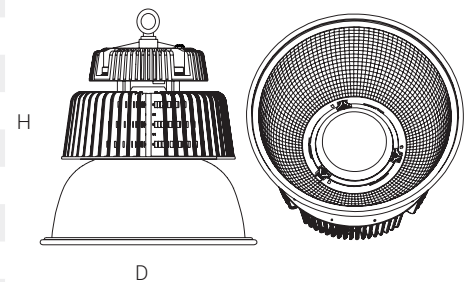
HIGH LUMEN SMART HIGH BAY

150W - 200W - 240W

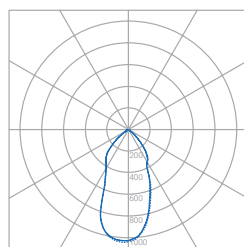
	PG-HBL150W	PG-HBL200W	PG-HBL240W
Input	90 ~ 305 VAC / 50-60 Hz	90 ~ 305 VAC / 50-60 Hz	90 ~ 305 VAC / 50-60 Hz
Nominal Power	150W	200W	240W
Total Power	95W ~ 105W	195W ~ 205W	235W ~ 245W
Equivalent Power	400W	400W	Up to 1000W
Power Factor	> 0.90	> 0.90	> 0.90
Led Type / Q.ty	SMD 3030 / 270 pcs	SMD 3030 / 360 pcs	SMD 3030 / 405 pcs
Led Driver	Meanwell - HBG Series	Meanwell - HBG Series	Meanwell - HBG Series
Driver Input	220 ~ 240 VAC / 0,67 A	220 ~ 240 VAC / 0,87 A	220 ~ 240 VAC / 1,00 A
Driver Output	40 ~ 48 VDC / 3,25 A	40 ~ 48 VDC / 4,15 A	40 ~ 48 VDC / 5,00 A
Insulation Class	Class I	Class I	Class I
Nominal Flux	27.000 lm	36.000 lm	40.500 lm
Output Flux	21.000 lm	27.400 lm	33.400 lm
Luminaire Efficacy	> 130 lm/W	> 130 lm/W	> 130 lm/W
CCT	3000K - 4000K - 6000K	3000K - 4000K - 6000K	3000K - 4000K - 6000K
CRI (Ra)	> 80	> 80	> 80
Beam Angle	25° / 45° / 60° / 90° / 120°	25° / 45° / 60° / 90° / 120°	25° / 45° / 60° / 90° / 120°
UGR	< 22	< 22	< 22
IP Protection	IP54 / IP65	IP54 / IP65	IP54 / IP65
Operating Temperature	-30 °C ~ 60 °C	-30 °C ~ 60 °C	-30 °C ~ 60 °C
Storage Temperature	-30 °C ~ 80 °C	-30 °C ~ 80 °C	-30 °C ~ 80 °C
Dimming Options	1-10V - PWM - Resistance	1-10V - PWM - Resistance	1-10V - PWM - Resistance
Useful Life	> 60.000 Hours (L80)	> 60.000 Hours (L80)	> 60.000 Hours (L80)
Materials IP54 Version	AL	AL	AL
Materials IP65 Version	AL + Tempered Glass	AL + Tempered Glass	AL + Tempered Glass
Installation	Suspending	Suspending	Suspending

Dimensions and Beam Angles

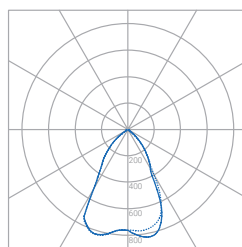
Model	Diameter (mm)	Height (mm)	Weight (Kg)
PG-HBL100W IP54	350	414	3,2
PG-HBL130W IP54	350	414	3,6
PG-HBL150W IP54	350	414	3,6
PG-HBL200W IP54	350	414	4,7
PG-HBL240W IP54	350	414	5,5
PG-HBL100W IP65	350	350	3,2
PG-HBL130W IP65	350	350	3,6
PG-HBL150W IP65	350	350	3,6
PG-HBL200W IP65	350	350	4,7
PG-HBL240W IP65	350	350	5,5



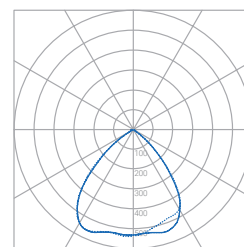
25°
H > 12m



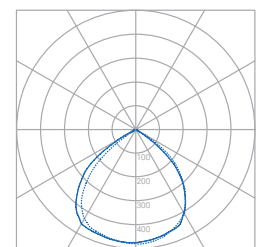
45°
9m < H < 12m



60°
6m < H < 9m
pandoragreen.com

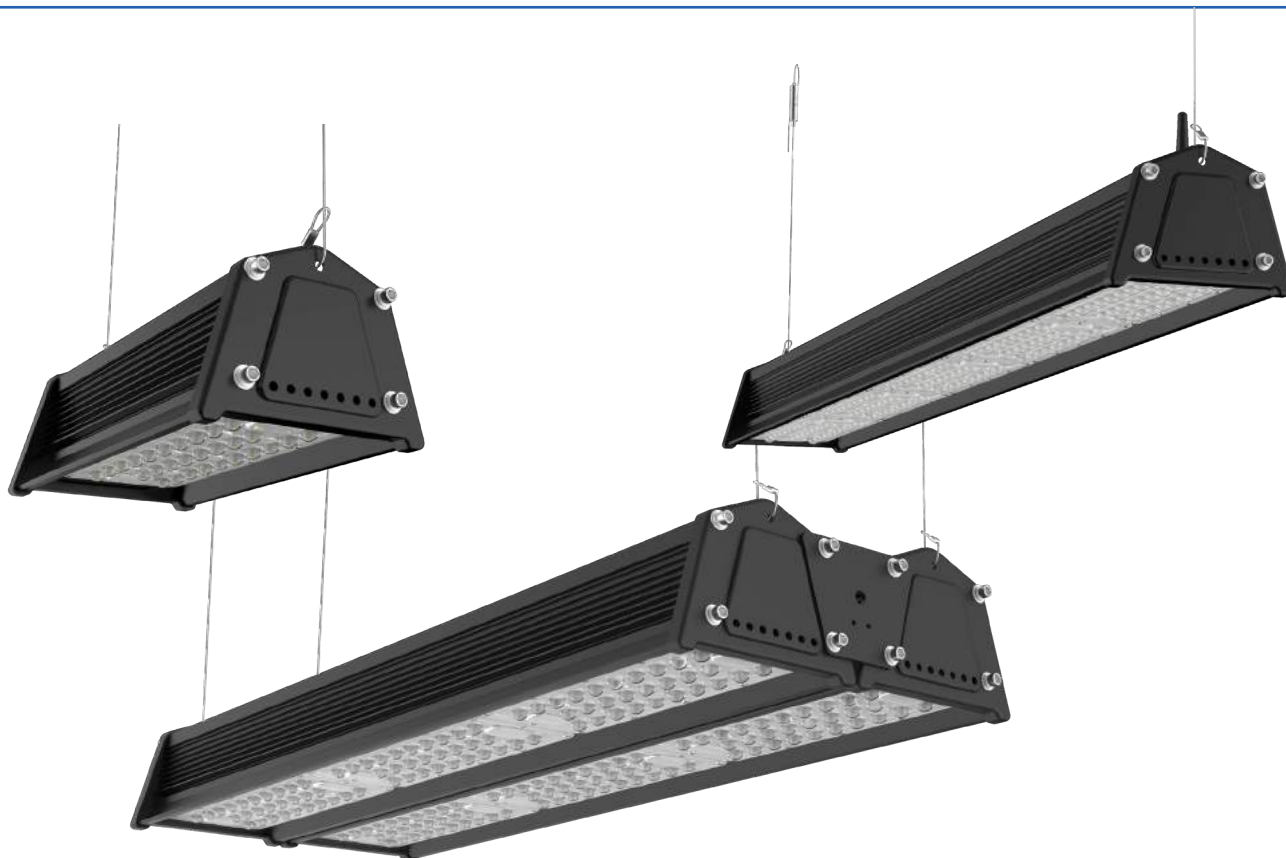


90°
4m < H < 6m



120°
4m < H < 6m

LINEAR HIGH BAY HR



30W - 60W - 90W

	PG-LHB30W-HR	PG-LHB60W-HR	PG-LHB90W-HR
Input	200 ~ 240 VAC / 50-60 Hz	200 ~ 240 VAC / 50-60 Hz	200 ~ 240 VAC / 50-60 Hz
Nominal Power	30W	60W	90W
Total Power	29,1W ~ 30,9W	58,2W ~ 61,8W	87,3W ~ 92,7W
Equivalent Power	70W	150W	150W
Power Factor	> 0.90	> 0.90	> 0.90
Led Type	SMD Nichia	SMD Nichia	SMD Nichia
Led Driver	Meanwell - Serie HLG	Meanwell - Serie HLG	Meanwell - Serie HLG
Insulation Class	Class I	Class I	Class I
Output Flux	4.900 lm ~ 5.000 lm	9.850 lm ~ 9.950 lm	14.800 lm ~ 14.900 lm
Luminaire Efficacy	≥ 165 lm/W	≥ 165 lm/W	≥ 165 lm/W
CCT	3000K - 4000K - 6000K	3000K - 4000K - 6000K	3000K - 4000K - 6000K
CRI (Ra)	≥ 80	≥ 80	≥ 80
Beam Angle	90° / 120° / 30°x70° / 50°x90°	90° / 120° / 30°x70° / 50°x90°	90° / 120° / 30°x70° / 50°x90°
UGR	< 22	< 22	< 22
IP Protection	IP65	IP65	IP65
IK Protection	IK10	IK10	IK10
Operating Temperature	-30 ° C ~ 50 ° C	-30 ° C ~ 50 ° C	-30 ° C ~ 50 ° C
Storage Temperature	-40 ° C ~ 70 ° C	-40 ° C ~ 70 ° C	-40 ° C ~ 70 ° C
Dimming Options	1-10V-PWM-Resistance / Wireless	1-10V-PWM-Resistance / Wireless	1-10V-PWM-Resistance / Wireless
Useful Life	> 60.000 Hours (L90)	> 60.000 Hours (L90)	> 60.000 Hours (L90)
Materials	Aluminum	Aluminum	Aluminum

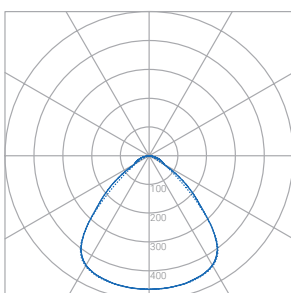
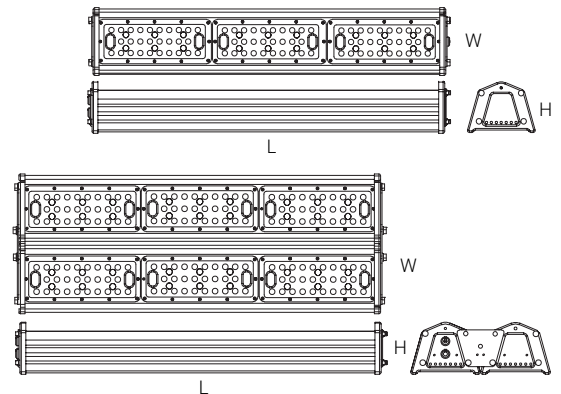
LINEAR HIGH BAY HR

120W - 150W - 180W - 240W

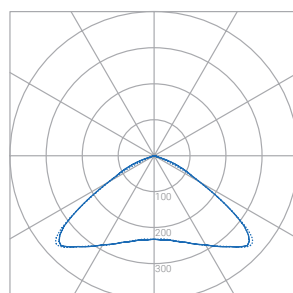
	PG-LHB120W-HR	PG-LHB150W-HR	PG-LHB180W-HR	PG-LHB240W-HR
Input	200 ~ 240 VAC / 50-60 Hz	200 ~ 240 VAC / 50-60 Hz	200 ~ 240 VAC / 50-60 Hz	200 ~ 240 VAC / 50-60 Hz
Nominal Power	120W	150W	180W	240W
Total Power	116,4W ~ 123,6W	145,5W ~ 154,5W	174,6W ~ 185,4W	232,8W ~ 247,2W
Equivalent Power	250W	300W	400W	Up to 1000W
Power Factor	> 0.90	> 0.90	> 0.90	> 0.90
Led Type	SMD Nichia	SMD Nichia	SMD Nichia	SMD Nichia
Led Driver	Meanwell - Serie HLG	Meanwell - Serie HLG	Meanwell - Serie HLG	Meanwell - Serie HLG
Insulation Class	Class I	Class I	Class I	Class I
Output Flux	19.700 lm ~ 19.900 lm	24.700 lm ~ 24.900 lm	29.600 lm ~ 29.800 lm	39.600 lm ~ 39.800 lm
Luminaire Efficacy	≥ 165 lm/W	≥ 165 lm/W	≥ 165 lm/W	≥ 165 lm/W
CCT	3000K - 4000K - 6000K	3000K - 4000K - 6000K	3000K - 4000K - 6000K	3000K - 4000K - 6000K
CRI (Ra)	≥ 80	≥ 80	≥ 80	≥ 80
Beam Angle	90° / 120° / 30°x70° / 50°x90°	90° / 120° / 30°x70° / 50°x90°	90° / 120° / 30°x70° / 50°x90°	90° / 120° / 30°x70° / 50°x90°
UGR	< 22	< 22	< 22	< 22
IP Protection	IP65	IP65	IP65	IP65
IK Protection	IK10	IK10	IK10	IK10
Operating Temperature	-30 °C ~ 50 °C	-30 °C ~ 50 °C	-30 °C ~ 50 °C	-30 °C ~ 50 °C
Storage Temperature	-40 °C ~ 70 °C	-40 °C ~ 70 °C	-40 °C ~ 70 °C	-40 °C ~ 70 °C
Dimming Options	1-10V-PWM-Resistance / Wireless	1-10V-PWM-Resistance / Wireless	1-10V-PWM-Resistance / Wireless	1-10V-PWM-Resistance / Wireless
Useful Life	> 60.000 Hours (L90)	> 60.000 Hours (L90)	> 60.000 Hours (L90)	> 60.000 Hours (L90)
Materials	Aluminum	Aluminum	Aluminum	Aluminum

Dimensions and Beam Angles

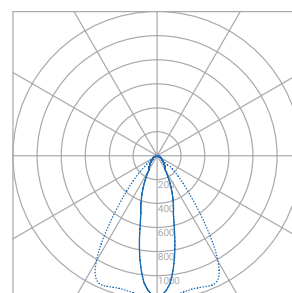
Product Dimensions	Length (mm)	Width (mm)	Height (mm)	Weight (Kg)
PG-LHB30W-HR	280	137	102	1,9
PG-LHB60W-HR	486	137	102	3,4
PG-LHB90W-HR	718	137	102	4,7
PG-LHB120W-HR	948	137	102	5,7
PG-LHB150W-HR	1178	137	102	6,9
PG-LHB180W-HR	718	275	102	8,5
PG-LHB240W-HR	948	275	102	10,3



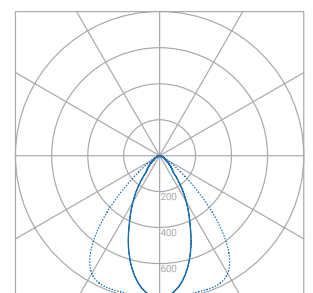
90°



120°



30°x70°



50°x90°