



# KNIGHT High Bay GEN III

## Product Features

The KNIGHT GEN III is an exceptional mixture of value and performance. Ideal for high-bay and low-bay application in industrial and commercial buildings. Design to replace HID from 150W-400W and four T5/T8 fixture with unmatched reliability and quality.

# Specification

## LED & Optical

- **Output Range:** 19000-38000lm
- **Photometric Options:** 60°, 90°&120°
- **Temperature Rating:** -40°C-45°C
- **System Efficacy:** Up to 190LPW
- **CCT:** 4000K-5700K@70CRI

## Electrical

- **Input voltage:** 100-277V
- **Input Frequency:** 50/60Hz
- **Power Factor:** > 90%
- **THD:** < 20%.

## Construction & Finishing

- Die Cast housing with corrosion resistant polyester powder paint, Standard colors: Black

## Applications

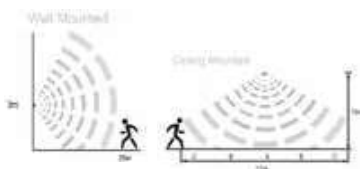
- Cold Room (-40°C)
- Warehouse
- Production

## Warranty

- **System Warranty:** 5 Year
- **Certification:** CE \ CB

## Sensor Specification

Output Control Signal	PWM / 0-10V
Standby Power	< 0.5W
Sensitivity	25% / 50% / 75% / 100%
Hold -time	5s / 30s / 1min / 3 min / 5min / 10min / 20 min / 30 min
Daylight Threshold	2 lux / 10 lux / 30 lux / 50 lux / 80 lux / 120 lux / disable
Stand -by period	0s / 10s / 30s / 1 min / 5min / 10 min / 30 min
Stand -by dimming level	10% / 20% / 30% / 50%
Microwave Frequency	5.8GHz
Microwave Power	< 0.3mW
Mounting Height	Max 15m (Ceiling Mounted)
Detection Range	Max 15 x 12m (Ceiling), Max 20 (Wall)
Operation Temperature	-20°C-50°C

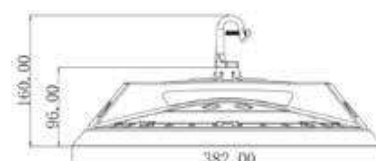


## Photometric



- 120 Degree
- 90 Degree
- 60 Degree

## Product Dimension



## Order Description: 190LPW without Sensor

Description	Power (W)	CCT (K)	Lumens (lm)	LPW	Beam Angle	Dimension(mm)
KPHBOG100WJH-WW-D-GEN3	100	4000	19000	190	120	Ø292 x 151
KPHBOG100WJH-MW-D-GEN3	100	4000	19000	190	90	Ø292 x 151
KPHBOG100WJH-SW-D-GEN3	100	4000	19000	190	60	Ø292 x 151
KPHBOG150WJH-WW-D-GEN3	150	4000	28500	190	120	Ø342 x 157
KPHBOG150WJH-MW-D-GEN3	150	4000	28500	190	90	Ø342 x 157
KPHBOG150WJH-SW-D-GEN3	150	4000	28500	190	60	Ø342 x 157
KPHBOG200WJH-WW-D-GEN3	200	4000	38000	190	120	Ø382 x 160
KPHBOG200WJH-MW-D-GEN3	200	4000	38000	190	90	Ø382 x 160
KPHBOG200WJH-SW-D-GEN3	200	4000	38000	190	60	Ø382 x 160
KPHBOG100WJH-WC-D-GEN3	100	6500	19000	190	120	Ø292 x 151
KPHBOG100WJH-MC-D-GEN3	100	6500	19000	190	90	Ø292 x 151
KPHBOG100WJH-SC-D-GEN3	100	6500	19000	190	60	Ø292 x 151
KPHBOG150WJH-WC-D-GEN3	150	6500	28500	190	120	Ø342 x 157
KPHBOG150WJH-MC-D-GEN3	150	6500	28500	190	90	Ø342 x 157
KPHBOG150WJH-SC-D-GEN3	150	6500	28500	190	60	Ø342 x 157
KPHBOG200WJH-WC-D-GEN3	200	6500	38000	190	120	Ø382 x 160
KPHBOG200WJH-MC-D-GEN3	200	6500	38000	190	90	Ø382 x 160
KPHBOG200WJH-SC-D-GEN3	200	6500	38000	190	60	Ø382 x 160

## Order Description: 190LPW with Sensor

Description	Power (W)	CCT (K)	Lumens (lm)	LPW	Beam Angle	Dimension(mm)
KPHBOG100WJH-WW-D-GEN3-MS	100	4000	19000	190	120	Ø292 x 151
KPHBOG100WJH-MW-D-GEN3-MS	100	4000	19000	190	90	Ø292 x 151
KPHBOG100WJH-SW-D-GEN3-MS	100	4000	19000	190	60	Ø292 x 151
KPHBOG150WJH-WW-D-GEN3-MS	150	4000	28500	190	120	Ø342 x 157
KPHBOG150WJH-MW-D-GEN3-MS	150	4000	28500	190	90	Ø342 x 157
KPHBOG150WJH-SW-D-GEN3-MS	150	4000	28500	190	60	Ø342 x 157
KPHBOG200WJH-WW-D-GEN3-MS	200	4000	38000	190	120	Ø382 x 160
KPHBOG200WJH-MW-D-GEN3-MS	200	4000	38000	190	90	Ø382 x 160
KPHBOG200WJH-SW-D-GEN3-MS	200	4000	38000	190	60	Ø382 x 160
KPHBOG100WJH-WC-D-GEN3-MS	100	6500	19000	190	120	Ø292 x 151
KPHBOG100WJH-MC-D-GEN3-MS	100	6500	19000	190	90	Ø292 x 151
KPHBOG100WJH-SC-D-GEN3-MS	100	6500	19000	190	60	Ø292 x 151
KPHBOG150WJH-WC-D-GEN3-MS	150	6500	28500	190	120	Ø342 x 157
KPHBOG150WJH-MC-D-GEN3-MS	150	6500	28500	190	90	Ø342 x 157
KPHBOG150WJH-SC-D-GEN3-MS	150	6500	28500	190	60	Ø342 x 157
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