

CLEAN BAY NSF

PQ-HBCD

Application:

- Food processing spaces
- Pharmaceutical factory
- Farms / animal buildings
- Car wash
- Fresh shop
- Supermarket



The ideal lighting for diverse environments

- **Exceptional luminous efficiency:** It delivers powerful illumination while being energy-efficient, with a luminous efficacy of 150 lm/w or optional 190 lm/w.

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MODEL	Power (W)	High Lumen		Extra High Lumen (Available on order)	
		Efficacy	Lumens (Lm)	Efficacy	Lumens (Lm)
PQ-HBCD-XXK-80	80	150 Lm/W	12000	190 Lm/W	15200
PQ-HBCD-XXK-100	100		15000		19000
PQ-HBCD-XXK-125	125		18750		23750
PQ-HBCD-XXK-150	150		22500		28500
PQ-HBCD-XXK-185	185		27750		35150
PQ-HBCD-XXK-200	200		30000		38000

CERTIFICATIONS



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PQ-HBCD

THE HBCD LUMINAIRE IN DEPTH

Housing

- ▶ IP66 et IP69K
- ▶ Corrosion resistant
- ▶ No harmful substances or chemicals

LED driver

- ▶ Dimmable 0-10V / 1-10V
- ▶ AC100-347V / AC277-480V

Housing color

- ▶ White, blue, black, red, green optional

Efficacy

- ▶ 150 LM/W
- ▶ 190 LM/W

Sensor

- ▶ Microwave sensor
- ▶ Sensing distance: (6-8 m / 20-24 ft)
- ▶ Installed in the middle of lens

Glass or PC

- ▶ (Only PC lens meet NSF certificate)

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FEATURES OF THE HBCD

SPECIFICATIONS	
Power (W)	80 / 100 / 125 / 150 / 185 / 200
Input voltage (V)	100-347AC / 277-480AC optional
Luminous flux (Lm)	12000 / 15000 / 18750 / 22500 / 27750 / 30000
Initial luminaire efficiency (Lm/w)	150 or 190
Light source	Lumileds SMD
Color temperature (CCT)	3000K / 4000K / 5000K / 5700K
Color Rendering Index - CRI	70/80
Beam angle	115°
Dimmable	0-10V / 1-10V (optional)
Sensor	Built-In
Operating Temperature (°C)	-40 to +45
IP rating	IP66
IK rating	IK69
Dimensions (Inches)	17.08 x 7.56

CERTIFICATIONS

Certifications CE, RoHs, cULus, SAA, NSF

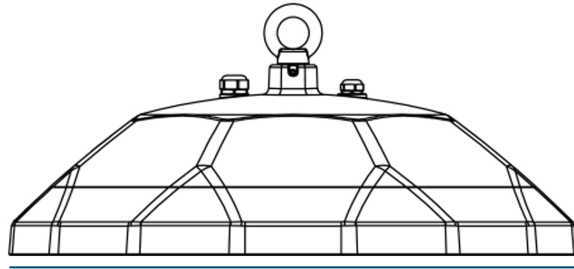
WARRANTY / LIFESPAN

Warranty 5 years

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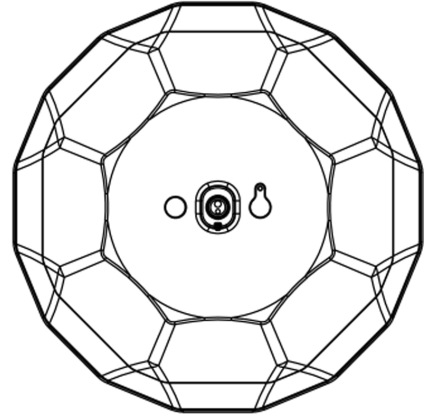
PQ-HBCD

DIMENSIONS (INCHES)



17.08

7.56



OPTIONAL ACCESSORIES



3/4" NPT Junction box
USE: For pendant installation

INSTRUCTIONS FOR ORDERING WITH PREFERRED DIMENSIONS

Catalog Number for Example: PQ-HBCD-051K-100W-UNIV-S

SERIES	Color Temperature (CCT)	Power (W)	Input Voltage (V)	Options Sensor	Dimmable
PQ-HBCD	031K = 3000K	80	UNIV = 100-347 AC 277-480 AC optional	With = S Without = Blank	0-10V = Blank 1-10V = D1 (optional)
	041K = 4000K	100			
	051K = 5000K	125			
	057K = 5700K	150			
		185			
		200			

If you have specific technology or service needs, it's highly recommended that you get in touch with Power-Q's experts. They can provide tailored solutions and guidance based on your specific requirements.

EMAIL: info@power-q.ca

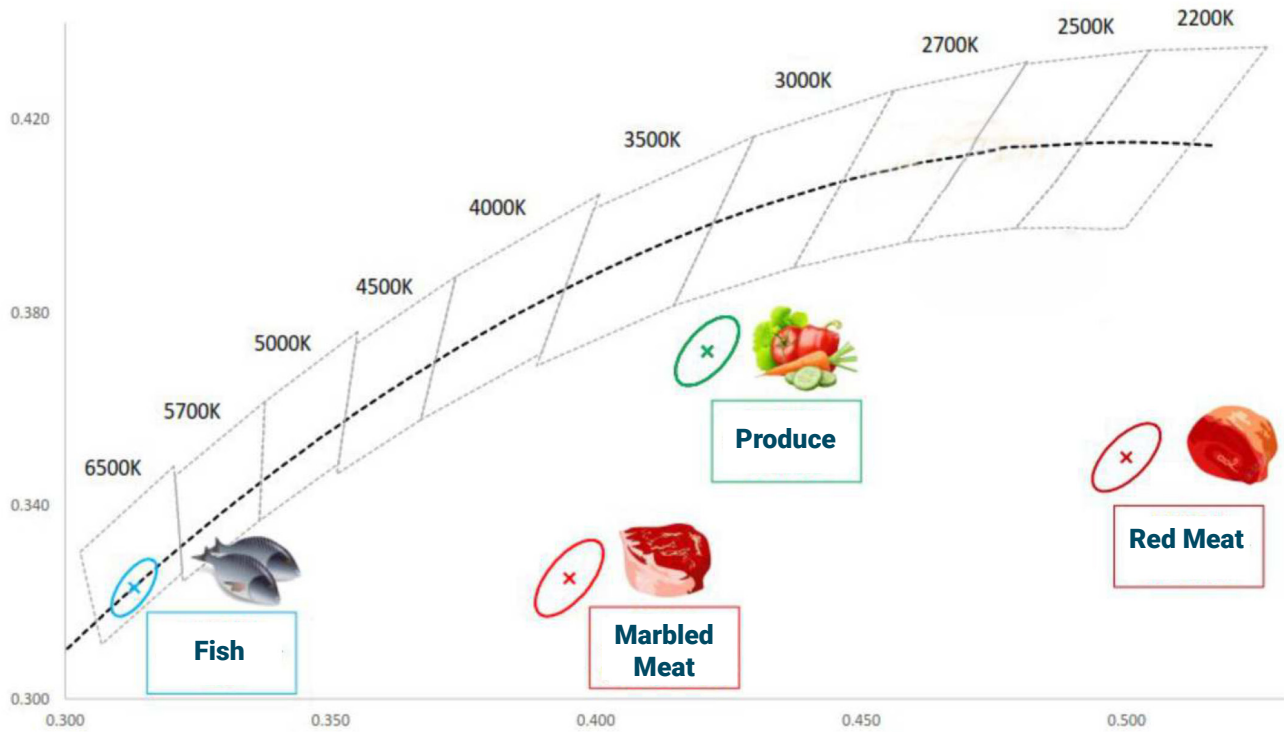
PHONE: 514 667-6810

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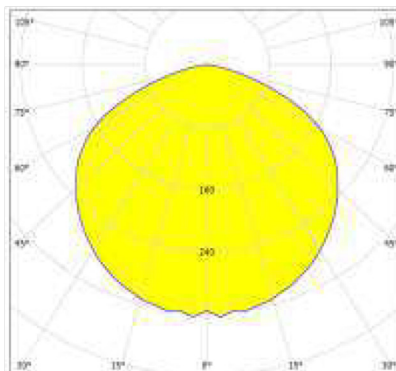
SPECIAL APPLICATION: LED LIGHT FOR FRESH PRODUCTS

- Depending on various types of food, food colors, and other factors, different color schemes will be provided for different applications. LED lighting for fresh products can make a difference in your fresh product sections by enhancing both the presentation and quality of your most perishable items.



PHOTOMETRY

115°



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PQ-HBCD

SPECIAL APPLICATION: LED LIGHT FOR FRESH PRODUCTS

- Due to its smooth surface, IP66 and IP69K ratings, absence of exposed screws, and non-use of glass material, the HBCD industrial light can be used for lighting in food processing factories. Additionally, as lighting for fresh food products, it can also provide various color schemes based on the colors of different foods.



Housin in red:
3500K for marbled meat
2200K for red meat



Housing in blue:
6500K for fish



Housing in green:
3000K for produce