

# FOOD PROCESSING LED LUMINAIRES

## DESCRIPTION

The FEHB Series FOOD SAFE pendant LED luminaires are engineered to address the requirements of the food processing industry NSF Splash & Non-Food zones in permanent locations and comply with FDA guidelines. Featuring a highly corrosion resistant and non toxic Aluminium exterior.

The FEHB Series LED luminaire presents a smooth and undisturbed surface allowing it to remain clean and uncontaminated. With an ingress protection rating of IP69K the FEHB Series LED luminaires are pressure wash down capable, sealed against the infiltration of airborne bacteria and feature very low maintenance requirements. The FEHB Series LED luminaires have no exposed hardware or glass components meeting NSF C-2.

Long term reliability is achieved via the use of superior materials, electronics and exceptional engineering. Efficacies of up to >160lm/w are possible by reducing light emission losses from thermal, electrical and optical systems. Practically indestructible polycarbonate lenses and molded synthetic polymer gaskets protect against particulate intrusion.

The FEHB Series LED luminaires with on board digital drivers with 4 way power protection and optional thermal roll back provide stable performance and guard against lumen depreciation. Proven robust & reliable under demanding conditions with a robust design and best in class LED engines from Samsung™ & NICHIA™.

Available in various distribution and power configurations to accommodate most applications including environments where high levels of humidity are present. Selection of the right luminaire for food processing is simplified and uncompromised with the FEHB available with 5 power levels and 3 types of distribution patterns.



## APPLICATIONS

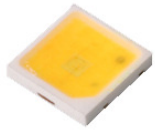
- Food Preparation & Production
- Beverage Processing & Production
- Food Preservation Stations
- Warehousing & Storage
- Commercial Kitchens
- Spiral Freezers

## FEHB SERIES SPECIFICATIONS

FIXTURE SERIES	POWER	LED TYPE	CCT	DISTRIBUTION	EXIT LUMEN RANGE	OPERATING VOLTAGE	IP RATING	DIMENSIONS
LR-FEHB-50W-XX	50W	70 x Samsung™ or NICHIA™ SMD	4500K ( 4 100-6500K avail )	45°, 90° or 120Deg. Symmetrical	7,000-8000lm	AC90-277V AC180-508V	IP69K	Ø340x120mm Ø13.4x4.75 "
LR-FEHB-80W-XX	80W	112 x Samsung™ or NICHIA™ SMD	4500K ( 4 100-6500K avail )	45°, 90° or 120Deg. Symmetrical	11,200-12,800lm	AC90-277V AC180-508V	IP69K	Ø340x120mm Ø13.4x4.75 "
LR-FEHB-100W-XX	100W	140 x Samsung™ or NICHIA™ SMD	4500K ( 4 100-6500K avail )	45°, 90° or 120Deg. Symmetrical	14,000-16,000lm	AC90-277V AC180-508V	IP69K	Ø340x120mm Ø13.4x4.75 "
LR-FEHB-120W-XX	120W	168 x Samsung™ or NICHIA™ SMD	4500K ( 4 100-6500K avail )	45°, 90° or 120Deg. Symmetrical	16,800-19,200lm	AC90-277V AC180-508V	IP69K	Ø390x133mm Ø15.4x5.25 "
LR-FEHB-150W-XX	150W	210 x Samsung™ or NICHIA™ SMD	4500K ( 4 100-6500K avail )	45°, 90° or 120Deg. Symmetrical	21,000-24,000lm	AC90-277V AC180-508V	IP69K	Ø390x133mm Ø15.4x5.25 "



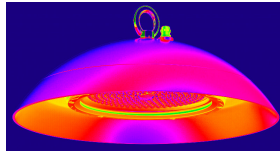
FEATURES



High Performance LED Engines



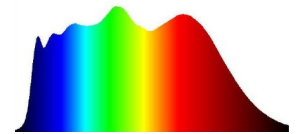
Polycarbonate Lensing



Superior Thermal Performance

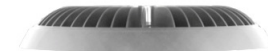


316 SS Pendant Hardware



80-90 CRI AVR

PRODUCT IMAGES

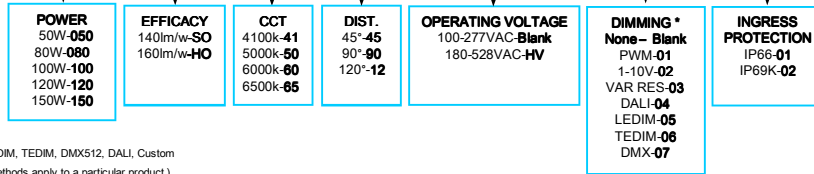


Internal Heatsink

ORDERING INFO: LR-FEHB-080-SO-50-90- - -01

ELECTRICAL SPECIFICATIONS

1. Power Input: AC100-277V
2. AC180-528V (Option)
3. Power Factor: ≥98
4. THD: ≤15% @ full Load
5. Standard 2M/6ft cord length

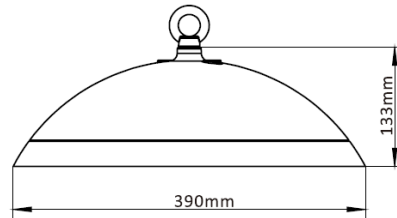
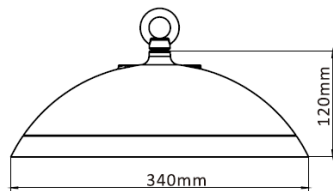


**DIM Control:** 0-5V, 0-10V, 0-20ma, 4-20ma, RS485, RS-232, PWM, RES, LEDIM, TEDIM, DMXS12, DALI, Custom  
 \* LED RAYS offers the following dimming options (Please note not all DIM methods apply to a particular product)

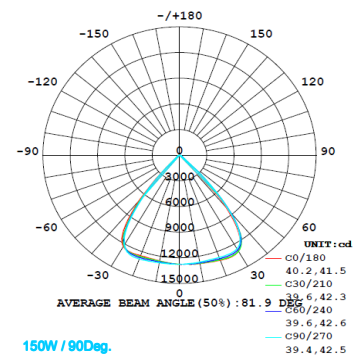
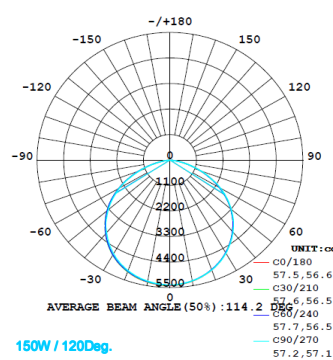
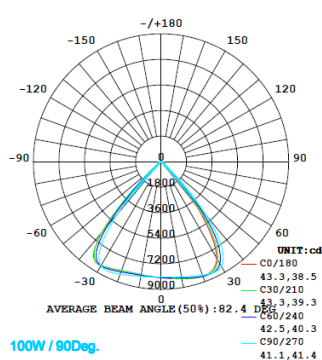
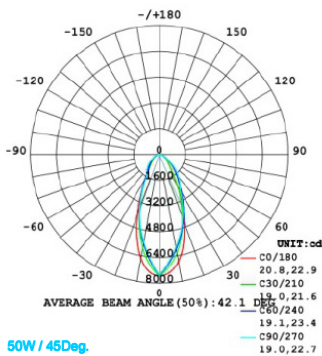
DIMENSIONS / WEIGHTS

50W / 80W / 100w (5.9kg/12.9lbs)

120W / 150W (7.3kg/16.1lbs)



PHOTOMETRIC DISTRIBUTION



The specifications in this brochure are representative and must not be interpreted as a guarantee of individual product performance and/or characteristics. LED RAYS Inc. has a policy of continuous advancements & development specifications may change without notice. Please contact your agent for updates.

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