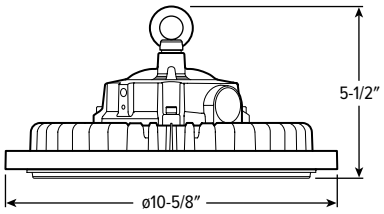
# GFR FieldSELECT™ LUMENS + CCT Round High Bay

Williams






GFRS Shown

CATALOG #:

TYPE:

PROJECT:

DLC LISTED PREMIUM | IP65 Rated | IK09 Rated

## FEATURES

- Easily change the color temperature and lumen output on-site with built-in switches, providing ultimate flexibility
- Suited for high-ceiling spaces such as warehouses, cold storage, manufacturing, and gymnasiums
- IK09 impact-resistant housing withstands contact from debris and equipment
- IP65 rated against dust and water ingress
- 6kV integrated surge protection maintains operation through voltage spikes
- High efficacies up to 167 lm/W for greater energy savings
- Included eyebolt for immediate suspension mounting out of the box
- Optional surface mount yoke bracket allows up to 180° of aiming adjustability
- Reflector, sensor, and battery backup options available
- High-performance up to 167 lm/W

## SPECIFICATIONS

- HOUSING – Die cast aluminum.
- SHIELDING – Clear polycarbonate lens.
- FINISH – Premium powder-coat.
- ELECTRICAL – High-quality mid-power LED boards. L70 >146,000 hours. 50/60 Hz constant current driver. Less than 20% THD and PF >0.90. 6kV internal surge protection, standard. -40°C to +50°C ambient operating temperature. 0˚C to 50˚C with EM battery.
- MOUNTING – Suspended using eyebolt, provided. 6' AC power and dimming cords included. Fixture weight is 3.7lbs for GFRS and 6lbs for GFRM.
- LISTINGS –
  - cULus listed as LED luminaire suitable for wet locations.
  - IP65 rated.
  - IK09 rated.
  - DesignLights Consortium qualified product. Not all versions of this product may be DLC qualified, search HBRSR on the DLC Qualified Products List at www.designlights.org/QPL
- WARRANTY – 5-year limited warranty.

## ORDERING EXAMPLE: GFRS - LS/8CS - PC - WHT - OPTIONS - DIM - UNV

| SERIES | LUMENS [1] | CRI | CCT | SHIELDING |
|---|---|---|---|---|
| **GFRS** Small<br>**GFRM** Medium | **LS** Selectable lumens<br>GFRS: 16,000/18,000/22,000<br>GFRM: 24,000/30,000/35,000 | **8** 80 | **CS** Selectable CCT<br>4,000K/5,000K | **PC** Clear polycarbonate |

| HOUSING FINISH | DRIVER | VOLTAGE |
|---|---|---|
| **WHT** White<br>**BLK** Black | **DIM** Dimming driver prewired for 0-10V low voltage applications | **UNV** 120-277V |

## ACCESSORIES

*Ordered separately, field installed. See page 3 for **ACCESSORY DETAILS**.*

| | |
|---|---|
| **EM/30W** | 30-watt emergency battery [2] |
| **YOKE** | Yoke mount [3] |
| **PSH** | Pendant snap hook |
| **PCREF-S** | 90° polycarbonate reflector for GFRS |
| **PCREF-L** | 90° polycarbonate reflector for GFRM |
| **PH5** | Passive infrared sensor, 39' max mounting height |
| **HD05R** | Remote controller for sensor |
| **HV** | 347-480V with stepdown transformer |

## NOTES

1 Lumens based on 80 CRI/5000K CCT. Actual performance may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
2 CEC compliant.
3 Color matches Housing Finish.

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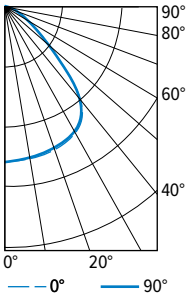
## FIXTURE PERFORMANCE DATA

| | WATTAGE SETTING | 4000K | | | 5000K | | |
|---|---|---|---|---|---|---|---|
| | | LUMEN OUTPUT | WATTAGE | EFFICACY (lm/W) | LUMEN OUTPUT | WATTAGE | EFFICACY (lm/W) |
| GFRS | Low | 15,891 | 95 | 167 | 15,522 | 97 | 160 |
| | Medium | 18,790 | 115 | 163 | 18,218 | 118 | 154 |
| | High | 22,935 | 147 | 156 | 21,802 | 150 | 145 |
| GFRM | Low | 24,368 | 146 | 167 | 23,920 | 148 | 162 |
| | Medium | 30,801 | 192 | 160 | 29,953 | 196 | 153 |
| | High | 35,716 | 229 | 156 | 34,621 | 236 | 147 |

- Photometrics tested in accordance with IESNA LM-79. Results based on 80 CRI/5000K CCT, wattage for 120V input, and 25°C ambient temperature. Actual performance may vary +/-5%.
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.

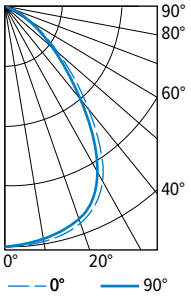
## PHOTOMETRY

**GFRS-LS/8CS-PC** Total Luminaire Output: 21,802 lumens; 150 Watts (High Wattage Setting) | Efficacy: 145 lm/W | 80 CRI; 5000K CCT




| LUMEN SUMMARY | ZONE | LUMENS | % FIXTURE |
|---|---|---|---|
| | 0 - 20 | 4293 | 20 |
| | 0 - 30 | 9222 | 42 |
| | 0 - 40 | 14678 | 67 |
| | 20 - 50 | 14029 | 64 |
| | 40 - 70 | 6597 | 30 |
| | 0 - 60 | 20287 | 93 |
| | 0 - 80 | 21704 | 100 |
| | 0 - 90 | 21803 | 100 |
| | 90 - 180 | 0 | 0 |
| | 0 - 180 | 21803 | 100 |

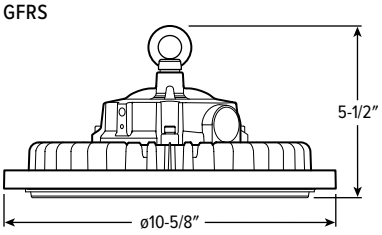
**GFRM-LS/8CS-PC** Total Luminaire Output: 34,621 lumens; 236 Watts (High Wattage Setting) | Efficacy: 147 lm/W | 80 CRI; 5000K CCT



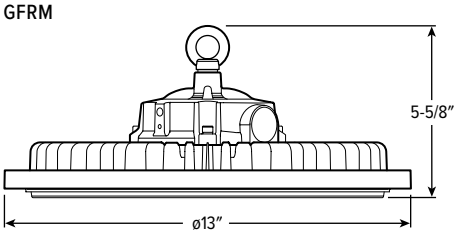

| LUMEN SUMMARY | ZONE | LUMENS | % FIXTURE |
|---|---|---|---|
| | 0 - 20 | 7096 | 21 |
| | 0 - 30 | 14949 | 43 |
| | 0 - 40 | 22917 | 66 |
| | 20 - 50 | 21399 | 62 |
| | 40 - 70 | 10642 | 31 |
| | 0 - 60 | 31779 | 92 |
| | 0 - 80 | 34413 | 99 |
| | 0 - 90 | 34628 | 100 |
| | 90 - 180 | 0 | 0 |
| | 0 - 180 | 34628 | 100 |

## FIXTURE DETAILS

GFRS




GFRM




FIELDSELECT SWITCHES

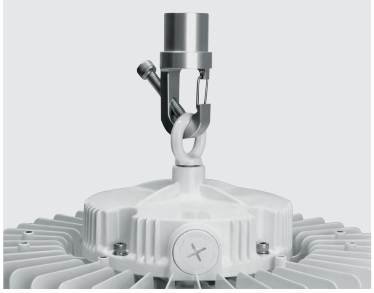


## ACCESSORY DETAILS

YOKE



PENDANT SNAP HOOK



REFLECTOR



EM BATTERY



PH5 SENSOR

