

# GSSI GROUP

## LED GREENLIGHTING

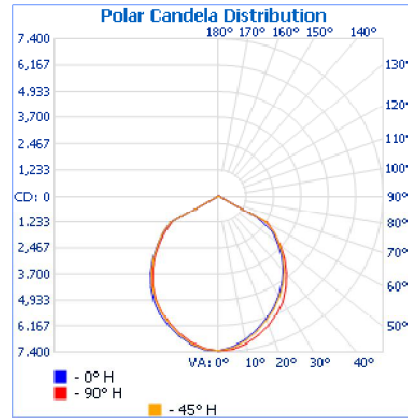
Save Energy . . . Save Money . . . Save the Earth

### Model HBF-150 High Bay Light



### Specifications and Characteristics

Lighting	
Luminaire:	1 High Power LED
Available Beam Angles	45°, 60°, 90°, 120°
Rated Lumens:	15,000
Max Candela:	7352.0 at Horizontal: 90°, Vertical 0°
Correlated Color Temperature (CCT):	Warm White: 2,700 ~ 3,900 K
	Natural White: 3,900 ~ 6,000 K
	Cool White: 6,000 ~ 7,000 K
Color Rendering Index (CRI)	Warm White: Ra>68
	Natural White: Ra>75
	Cool White: Ra>75
Photometry:	Type C, Direct, Cutoff
Warranty:	5 Years, 50,000 hrs.
Electrical	
LED Watts:	150W
Rated Voltage:	85-265V
Input Wattage:	153
IP Rating:	65
Certification:	CE, UL, RoHS, Recyclable
Environmental	
Temperature Range Ambient:	-40°C ~ 55°C
Humidity Range	10% ~ 90% relative humidity
Packing Information	
Net Weight:	5.5 lbs
Pieces per carton:	1



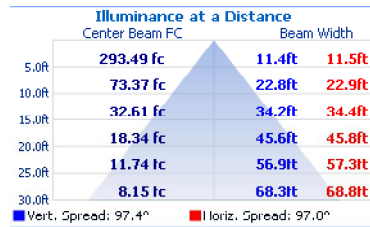
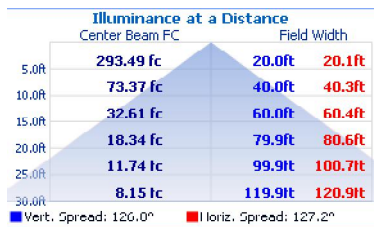
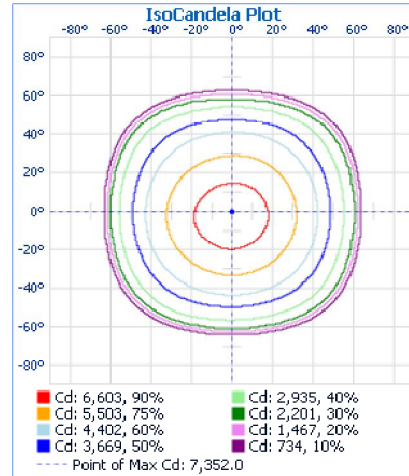
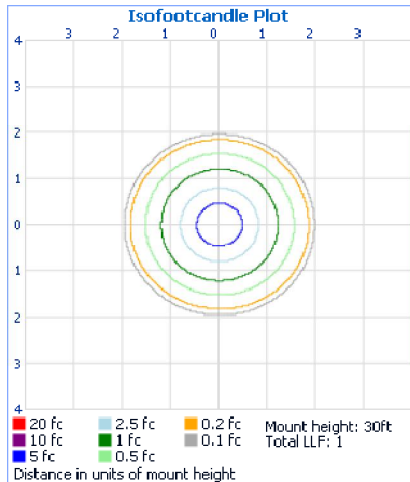
Flood Summary				
	Efficiency	Lumens	Spread	
			Horizontal	Vertical
<b>Field (10%):</b>	99.3%	14,940.6	127.2	126.8
<b>Beam (50%):</b>	76.1%	11,446.2	97.8	97.4
<b>Total:</b>	100.2%	15,084.7		

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Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	685.2	4.5%	90-100	0.0	0.0%
10-20	1,904.4	12.6%	100-110	0.0	0.0%
20-30	2,784.7	18.5%	110-120	0.0	0.0%
30-40	3,225.2	21.4%	120-130	0.0	0.0%
40-50	3,165.9	21.0%	130-140	0.0	0.0%
50-60	2,672.5	17.7%	140-150	0.0	0.0%
60-70	615.9	4.1%	150-160	0.0	0.0%
70-80	20.8	0.1%	160-170	0.0	0.0%
80-90	4.3	0.0%	170-180	0.0	0.0%

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Luminaire
0-30	5,374.3	35.7%	35.6%
0-40	8,599.6	57.2%	57.0%
0-60	14,438.0	96.0%	95.7%
60-90	641.0	4.3%	4.3%
0-90	15,079.0	100.2%	100.0%
90-180	0.0	0.0%	0.0%
0-180	15,079.0	100.2%	100.0%

Efficiency  
Total: 100.2%