

# GSSI GROUP

## LED GREENLIGHTING

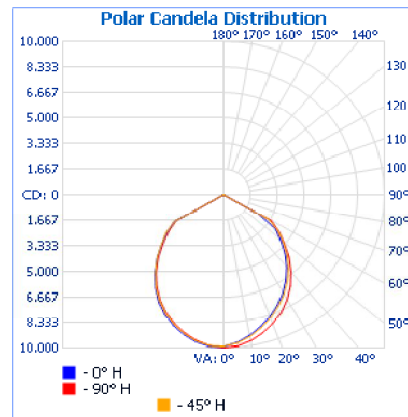
Save Energy . . . Save Money . . . Save the Earth

### Model HBF-200 High Bay Light



### Specifications and Characteristics

Lighting	
Luminaire:	1 High Power LED
Available Beam Angles	45°, 60°, 90°, 120°
Rated Lumens:	20,000
Max Candela:	9989.5 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:	200W
Rated Voltage:	85-265V
Input Wattage:	211.1
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



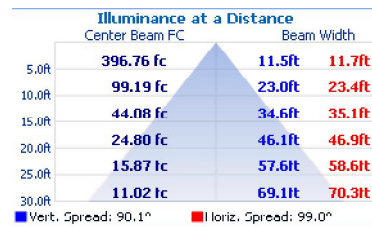
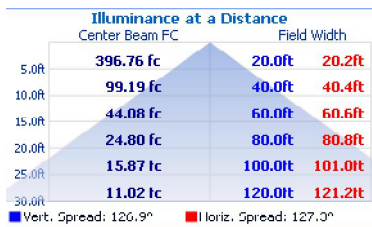
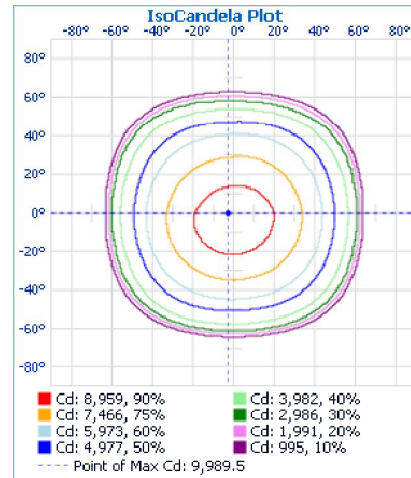
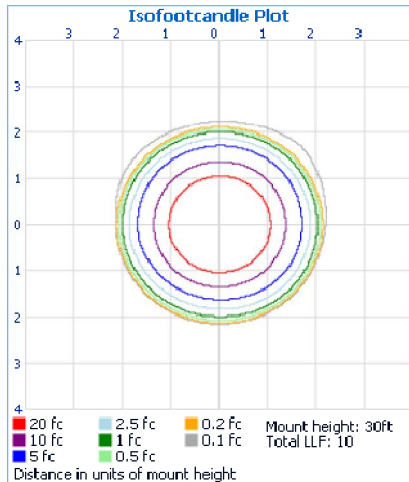
Flood Summary				
	Efficiency	Lumens	Spread	
			Horizontal	Vertical
<b>Field (10%):</b>	99.3%	20,600.7	127.3	126.9
<b>Beam (50%):</b>	77.2%	16,032.7	99.0	98.1
<b>Total:</b>	100.2%	20,803.9		

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Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	929.4	4.5%	90-100	0.0	0.0%
10-20	2,601.2	12.5%	100-110	0.0	0.0%
20-30	3,834.9	18.4%	110-120	0.0	0.0%
30-40	4,465.3	21.5%	120-130	0.0	0.0%
40-50	4,385.5	21.1%	130-140	0.0	0.0%
50-60	3,685.8	17.7%	140-150	0.0	0.0%
60-70	858.8	4.1%	150-160	0.0	0.0%
70-80	29.1	0.1%	160-170	0.0	0.0%
80-90	5.9	0.0%	170-180	0.0	0.0%

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Luminaire
0-30	7,365.5	35.5%	35.4%
0-40	11,830.9	57.0%	56.9%
0-60	19,902.3	95.9%	95.7%
60-90	893.8	4.3%	4.3%
0-90	20,796.1	100.2%	100.0%
90-180	0.0	0.0%	0.0%
0-180	20,796.1	100.2%	100.0%

Efficiency: 100.2%

Total: 100.2%