

PROJECT:

NOTES:

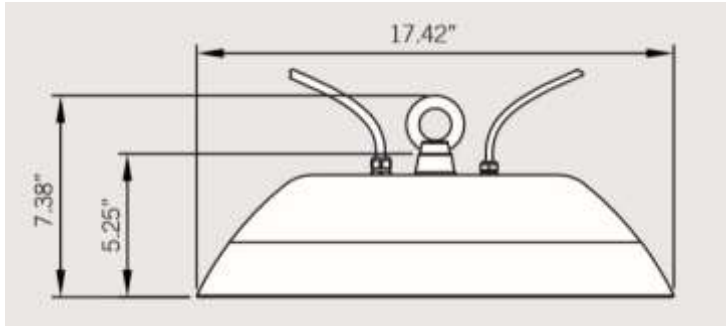
ORDERING INFORMATION:

**EXAMPLE**

HBL9 - 17C - L - 200 - 50 - MV

SERIES DIAMETER SOURCE LUMENS KELVINS VOLTAGE

**SHOP DRAWINGS**



**ORDERING INFORMATION**

SERIES	KELVIN
HBL9	40 4000K
	50 5000K

NOMINAL LENGTH	VOLTAGE
17C 17"	MV 120-277V

SOURCE	OPTIONS
L LED	PM J-Box for 3/4 thread rod ready
	WG Wireguard

**LUMENS**

Lumen Package	Nom. Lumens	Wattage
200	20,000	145

Nominal lumen output based on 4000 CCT.  
May vary +/-5%. See fixture performance data.

**FEATURES**

- > Specification grade LED high/low bay luminaire for harsh environment and food processing applications
- > ETL Sanitation listed: NSF/ANSI standard 2 (for food equipment)
- > Ambient operating temperature: -40 to 40 Celsius
- > L70 > 100,000 hours at 25 Celsius fixture ambient
- > Minimum 82 CRI
- > Available in 4000 and 5000K
- > Ring bolt mounting accessory included with safety hanging kit
- > 0-10V Dimming, 10% minimum
- > 6' black cabbire and separate dimming wires included
- > Efficacies up to 132 lm/W
- > Suitable for wet locations and can withstand close-range high pressure cleaning

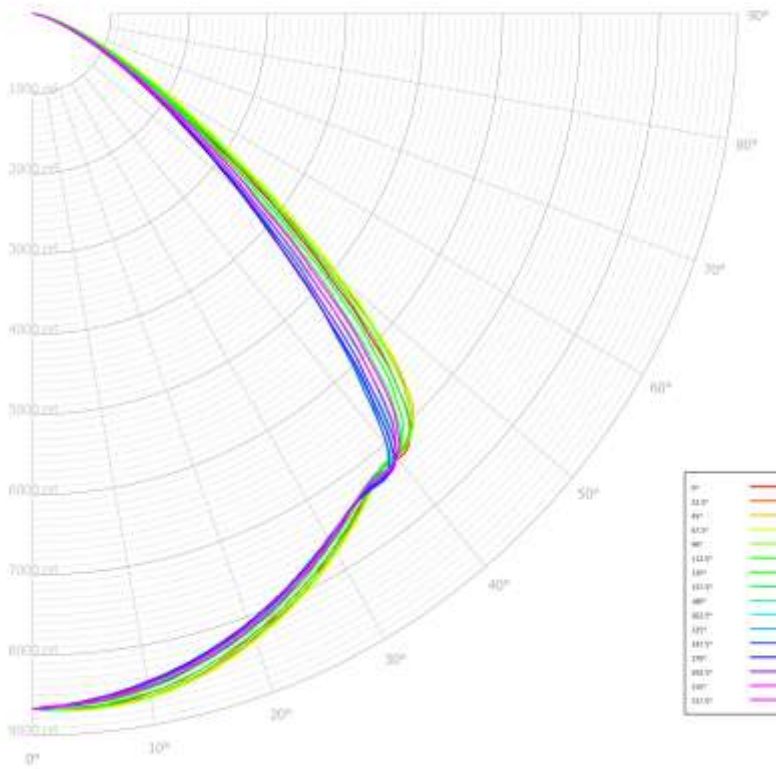
**APPLICATIONS**

- > Food Processing
- > Harsh Environments
- > Manufactures
- > Pulp and Paper Mills
- > Heavy Industrial

**PHOTOMETRY**

HBL9-17C-L-200-40-MV Total Luminaire Output: 19,637 lumens; 145 Watts

**Candela Polar Plot**



**Zonal Lumen Summary**

Zone	Lumens	% Fixture
0.00° - 10.00°	823.43	4.19%
10.00° - 20.00°	2,368.30	12.06%
20.00° - 30.00°	3,655.04	18.61%
30.00° - 40.00°	4,631.28	23.58%
40.00° - 50.00°	4,570.87	23.28%
50.00° - 60.00°	2,405.96	12.25%
60.00° - 70.00°	915.51	4.66%
70.00° - 80.00°	240.01	1.22%
80.00° - 90.00°	9.81	0.05%
90.00° - 100.00°	1.56	0.01%
100.00° - 110.00°	1.22	0.01%
110.00° - 120.00°	1.86	0.01%
120.00° - 130.00°	2.61	0.01%
130.00° - 140.00°	2.99	0.02%
140.00° - 150.00°	2.87	0.01%
150.00° - 160.00°	2.21	0.01%
160.00° - 170.00°	1.38	0.01%
170.00° - 180.00°	0.51	0.00%
0.00° - 90.00°	19,620.22	99.91%
90.00° - 180.00°	17.22	0.09%
0.00° - 180.00°	19,637.43	100.00%

**Spacing Criterion:**

Two luminaires, plane 0°	1.31
Two luminaires, plane 90°	1.32
Four luminaires	1.4

**Cone of Light**

Mtg Height	Light Level	Beam Diameter
6.0 ft	240.8 fc	14.9 ft
8.0 ft	135.4 fc	19.9 ft
10.0 ft	86.7 fc	24.9 ft
12.0 ft	60.2 fc	29.9 ft
15.0 ft	38.5 fc	37.4 ft