



# 100W Explosion-proof

Suitable for use in volatile gas and dust explosive environments  
Instant on with no warm-up time

cUL 8750 rated for  
Class 1, Div 2  
groups A, B, C, D

120° Beam angle



Optical grade  
borosilicate glass

Bridgelux USA LED light  
engine emits a fraction of  
the heat of HID luminaires

Uses up to 75% less energy than common legacy type luminaires  
Complete with U-bracket and 1m cord

## TECHNICAL DATA



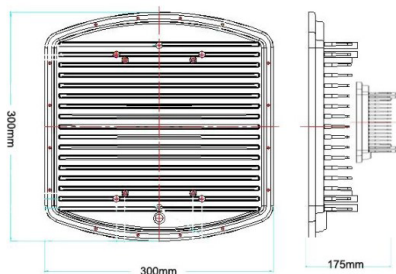
### LIGHT SPECIFICATIONS

Lumens	11,826 lm
Efficacy	117.66 lm/W
CCT	5000 K
Beam angle	120°
CRI	73.6
LED Chip	100,000 hours
Warranty	5-year

### APPROVALS AND LISTINGS

DLC	P2VFWHMZ
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### DIMENSIONS



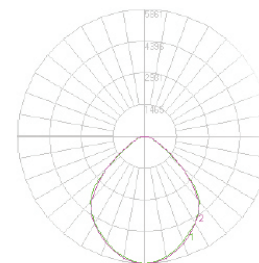
### ELECTRICAL

Wattage	100W
Voltage	120-277V
Power factor	0.94
THD	15.1%
Operating temp	-20 to 40°C

### CONSTRUCTION

Housing	Aluminum
Colour	White
IP rating	IP68
Weight	18.1 lbs
Carton qty	1

### LUMINOUS INTENSITY DISTRIBUTION



Zonal Lumen Summary					
Zone	Lumens	%Lamp	%Fixt	Zone	Lumens
0-20	2084.83	17.80	17.80	0-10	550.19
0-30	4343.04	37.10	37.10	10-20	1534.64
0-40	7028.32	50.10	50.10	20-30	2258.22
0-50	10744.56	91.30	91.30	30-40	2685.28
0-60	11641.21	98.50	98.50	40-50	2419.33
0-90	11680.68	99.80	99.80	50-60	1297.32
10-90	11130.45	95.10	95.10	60-70	630.02
20-40	4943.5	42.30	42.30	70-80	266.31
20-50	7362.03	62.90	62.90	80-90	99.37
40-70	4346.68	37.10	37.10	90-100	1.14
40-80	896.33	7.70	7.70	100-110	1.14
70-80	266.31	2.30	2.30	110-120	2.01
80-90	39.37	0.30	0.30	120-130	2.55
90-110	2.23	0.00	0.00	130-140	3.70
90-120	4.23	0.00	0.00	140-150	3.65
90-130	7.24	0.10	0.10	150-160	3.27
90-150	14.80	0.10	0.10	160-170	2.11
90-180	20.89	0.20	0.20	170-180	0.72
110-180	18.51	0.20	0.20		
0-180	11701.67	100.00	100.00		