

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



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

Optical grade
borosilicate glass

Uses up to 75% less energy than common legacy type luminaires

U-bracket and 1m cord included



TECHNICAL DATA

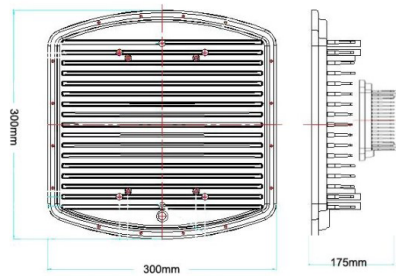
LIGHT SPECIFICATIONS

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

cUL	E475887
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DIMENSIONS



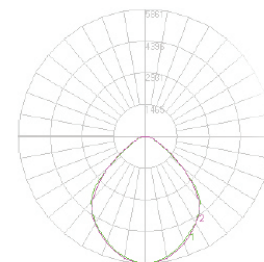
ELECTRICAL

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

ELECTRICAL

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

LUMINOUS INTENSITY DISTRIBUTION



Zonal Lumen Summary				Zone	Lumens
Zone	Lumens	%Lamp	%Fix		
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	59.10	59.10	20-30	2258.22
0-50	10744.05	91.00	91.00	30-40	2685.28
0-60	11641.31	98.50	98.50	40-50	2419.33
0-90	11680.68	99.00	99.00	50-60	1297.32
10-30	11130.45	95.10	95.10	60-70	630.02
20-40	4943.57	42.20	42.20	70-80	266.31
20-50	7362.03	62.90	62.90	80-90	39.37
40-70	4346.68	37.10	37.10	90-100	1.14
60-80	396.33	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	2.95
90-110	2.29	0.00	0.00	130-140	3.70
90-120	4.29	0.00	0.00	140-150	3.66
90-130	7.24	0.10	0.10	150-160	3.27
90-150	14.80	0.10	0.10	160-170	2.11
90-160	20.89	0.20	0.20	170-180	0.72
110-180	18.51	0.20	0.20		
0-180	11701.57	100.00	100.00		