DVI LIGHTING

DATE:		LOCATION:	
TYPE:		PROJECT:	
CATALOG #:			

BANSHEE PRO | **DVP38708 -** 5" FLUSH MOUNT

Banshee Pro is a ½" thick family of edge-lit surface mounted LED slim luminaire that is compatible with standard junction boxes with a minimum depth of 1-½". Various aperture sizes are available from 5" to 12" delivering 653 to 2786 lumens across two different CRI ratings.



FINISH OPTIONS

Matte Black (MB)
Matte White (MW)

FEATURES

CONSTRUCTION

- Injection molded white or black plastic enclosure with no exposed metallic parts for non-conductive applications
- Durable and high transmittance PMMA LGP coupled with an integral bottom diffuser ensures uniform light distribution with excellent efficiency at low glare
- Edge-lit LED panel technology allows for an extra low profile design at only ½" aperture height

ELECTRICAL

- Class II low voltage driver carrying full safety certifications allow for extended longevity due to minimal heat production
- 120-277VAC input for universal applications
- 80+ or 90+ CRI models available with high R9
- 3000K, 3500K, or 4000K CCT
- Flicker-free* dimming using 0-10V controls, see website for dimmer compatibility
- Compatible with 0-10V PIR-based motion sensors
- >50,000 hours L70 (TM-21)
- 90°C supply conductors required

*Site condition dependent

INSTALLATION

- Toolless field replaceable LED module
- Compatible with common 3-½" and 4" round or octagonal junction boxes with a minimum depth of 1-½"

CERTIFICATIONS

- CETLus (UL1598)
- FCC SDoC compliant
- Title 24 JA8 (CA) certified (90+ CRI models only on request)**
- Compliant with NEC 410.16 (NFPA 70-2023) for Closets and Small Storage Spaces when installed in accordance to code requirements

WARRANTY

- 5 years residential/50,000 hours commercial

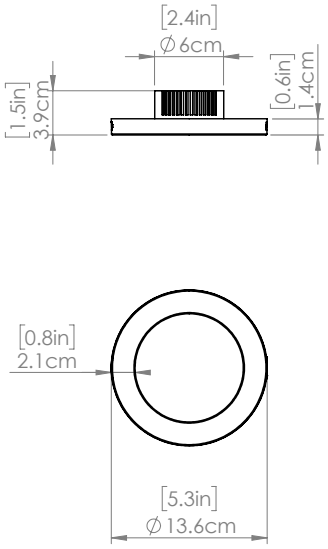
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BANSHEE PRO | **DVP38708 -** 5" FLUSH MOUNT

SPECIFICATIONS

DIAMETER	5”	
HEIGHT	1.5”	
INPUT VOLTAGE	120-277 VAC	
WATTS	8W	
CRI	80+	90+
INITIAL LUMENS *at 3000K	1100LM	1000LM
DELIVERED LUMENS *at 3000K	756LM	653LM
ESTIMATED ANNUAL COST *based on 3 hrs/day, 10.65¢/kWh.	$0.93	
COLOUR TEMPERATURE	1CCT (3000K OR 3500K OR 4000K)	
OPERATING TEMPERATURE	-20°C TO 45°C	
BEAM ANGLE	120°	
POWER FACTOR	0.9	
EMBEDDED MAGNET	NO	
TRIM INCLUDED	NOT APPLICABLE	
QTY PER MASTER BOX	48	
MASTER BOX WEIGHT (KG)	20.5	
ENERGY STAR	NO	
CERTIFICATION	cETLus, 4007670	
JA8	90+ CRI ONLY (ON REQUEST)**	
LIFE CYCLE @ 3 HRS/DAY	20 YEARS	
WARRANTY	5 YEARS RESIDENTIAL/50,000 HOURS COMMERCIAL @ L70 STANDARD	



ORDER GUIDE

FINISH	COLOUR TEMPERATURE	CRI	5”
MB	3000K	80CRI	DVP38708MB-3K-80
		90CRI	DVP38708MB-3K-90
	3500K	80CRI	DVP38708MB-35K-80
		90CRI	DVP38708MB-35K-90
	4000K	80CRI	DVP38708MB-4K-80
		90CRI	DVP38708MB-4K-90
MW	3000K	80CRI	DVP38708MW-3K-80
		90CRI	DVP38708MW-3K-90
	3500K	80CRI	DVP38708MW-35K-80
		90CRI	DVP38708MW-35K-90
	4000K	80CRI	DVP38708MW-4K-80
		90CRI	DVP38708MW-4K-90

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BANSHEE PRO | **DVP38708** - 5" FLUSH MOUNT

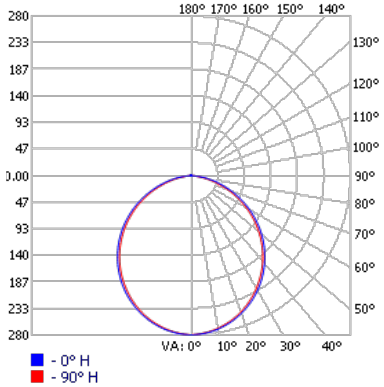
LUMINAIRE DATA	
DESCRIPTION:	DVP38708 3000K
CRI	80
LAMP OUTPUT:	RATED LUMENS/LAMP: 796.8
INPUT WATTAGE:	8.465
LUMINOUS OPENING:	CIRCULAR (DIA: 0.09M)
MAX CD:	279.4 AT HOR.: 0°, VERT.: 0°
SPACING CRITERION:	@ 0 = 1.24 / @ 90 = 1.22
EFFICIENCY:	95.20%

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	214	26.8%	28.2%
0-40	349	43.7%	46.0%
0-60	609	76.5%	80.3%
60-90	147	18.5%	19.4%
70-100	57	7.2%	7.5%
90-120	0	0.0%	0.0%
0-90	756	94.9%	99.7%
90-180	2	0.2%	0.3%
0-180	758	95.2%	100.0%

AVERAGE LUMINANCE (CD/M2)		
VERTICAL ANGLE	HORIZONTAL ANGLE	
	0	90
0	40247	40247
45	37091	35947
55	35279	33659
65	32232	29870
75	26999	23197
85	13425	8345

CANDELA DISTRIBUTION		
VERTICAL ANGLE	HORIZONTAL ANGLE	
	0	90
0	279	279
10	273	272
20	257	255
30	233	229
40	201	195
50	162	156
60	118	111
70	71	64
80	27	22
90	0	0
100	0.04	0.08
110	0.15	0.2
120	0.27	0.33
130	0.36	0.44
140	0.45	0.54
150	0.52	0.6
160	0.6	0.69
170	0.65	0.72
180	0.71	0.71

Polar Candela



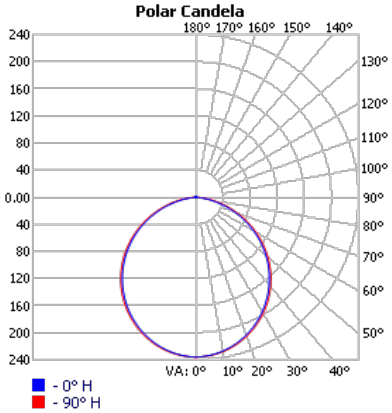
LUMINAIRE DATA	
DESCRIPTION:	DVP38708 3000K
CRI	90
LAMP OUTPUT:	RATED LUMENS/LAMP: 675.2
INPUT WATTAGE:	8.683
LUMINOUS OPENING:	CIRCULAR (DIA: 0.09M)
MAX CD:	235.9 AT HOR.: 0°, VERT.: 0°
SPACING CRITERION:	@ 0 = 1.23 / @ 90 = 1.25
EFFICIENCY:	97%

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	182	26.9%	27.7%
0-40	297	43.9%	45.3%
0-60	522	77.3%	79.7%
60-90	132	19.5%	20.1%
70-100	52	7.8%	8.0%
90-120	0	0.0%	0.0%
0-90	653	96.8%	99.8%
90-180	2	0.2%	0.2%
0-180	655	97.0%	100.0%

AVERAGE LUMINANCE (CD/M2)		
VERTICAL ANGLE	HORIZONTAL ANGLE	
	0	90
0	33979	33979
45	31007	31766
55	29383	30387
65	26607	28055
75	21274	24000
85	8265	15485

CANDELA DISTRIBUTION		
VERTICAL ANGLE	HORIZONTAL ANGLE	
	0	90
0	236	236
10	230	231
20	216	218
30	195	198
40	168	171
50	135	139
60	98	102
70	58	62
80	20	25
90	0	0
100	0.04	0.06
110	0.13	0.14
120	0.23	0.24
130	0.32	0.34
140	0.38	0.41
150	0.42	0.49
160	0.49	0.55
170	0.53	0.57
180	0.56	0.56

Polar Candela



LUMEN MULTIPLIER (FOR 80 & 90CRI PRODUCTS)			
CCT	3000K	3500K	4000K
MULTIPLIER	1.000	1.027	1.034