DVI LIGHTING

DATE:		LOCATION:	
TYPE:		PROJECT:	
CATALOG #:			

BANSHEE PRO | **DVP38718 -** 7" 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

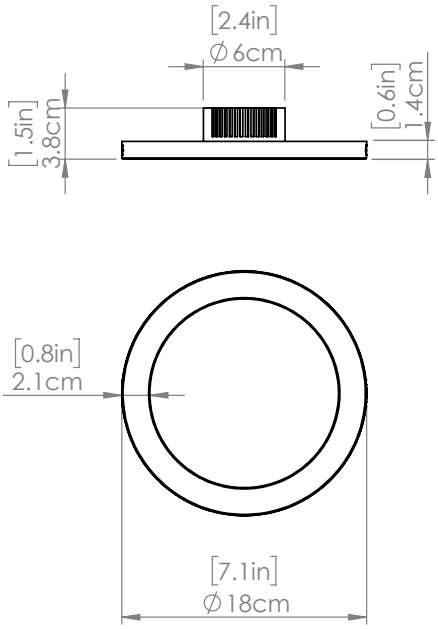
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BANSHEE PRO | **DVP38718 -** 7" FLUSH MOUNT

SPECIFICATIONS

DIAMETER	7”	
HEIGHT	1.5”	
INPUT VOLTAGE	120-277 VAC	
WATTS	12W	
CRI	80+	90+
INITIAL LUMENS *at 3000K	1920LM	1790LM
DELIVERED LUMENS *at 3000K	1247LM	1163LM
ESTIMATED ANNUAL COST *based on 3 hrs/day, 10.65¢/kWh.	$1.63	
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	36	
MASTER BOX WEIGHT (KG)	21.5	
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	7”
MB	3000K	80CRI	DVP38718MB-3K-80
		90CRI	DVP38718MB-3K-90
	3500K	80CRI	DVP38718MB-35K-80
		90CRI	DVP38718MB-35K-90
	4000K	80CRI	DVP38718MB-4K-80
		90CRI	DVP38718MB-4K-90
MW	3000K	80CRI	DVP38718MW-3K-80
		90CRI	DVP38718MW-3K-90
	3500K	80CRI	DVP38718MW-35K-80
		90CRI	DVP38718MW-35K-90
	4000K	80CRI	DVP38718MW-4K-80
		90CRI	DVP38718MW-4K-90

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BANSHEE PRO | **DVP38718** - 7" FLUSH MOUNT

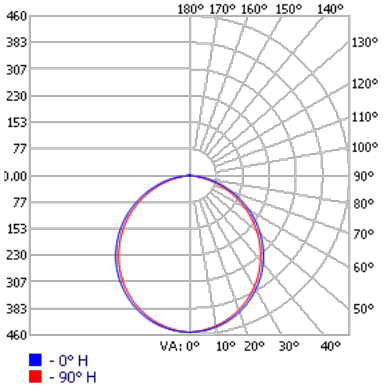
LUMINAIRE DATA	
DESCRIPTION:	DVP38718 3000K
CRI	80
LAMP OUTPUT:	RATED LUMENS/LAMP: 1294.5
INPUT WATTAGE:	11.7537
LUMINOUS OPENING:	CIRCULAR (DIA: 0.14M)
MAX CD:	451.4 AT HOR.: 0°, VERT.: 0°
SPACING CRITERION:	@ 0 = 1.25 / @ 90 = 1.22
EFFICIENCY:	96.60%

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	347	26.8%	27.7%
0-40	566	43.7%	45.3%
0-60	994	76.8%	79.5%
60-90	254	19.6%	20.3%
70-100	103	8.0%	8.2%
90-120	1	0.1%	0.1%
0-90	1247	96.4%	99.7%
90-180	3	0.3%	0.3%
0-180	1251	96.6%	100.0%

AVERAGE LUMINANCE (CD/M²)		
VERTICAL ANGLE	HORIZONTAL ANGLE	
	0	90
0	29311	29311
45	27478	26339
55	26369	24749
65	24540	22262
75	21541	18094
85	15353	7604

CANDELA DISTRIBUTION		
VERTICAL ANGLE	HORIZONTAL ANGLE	
	0	90
0	451	451
10	443	440
20	419	412
30	380	371
40	329	318
50	267	254
60	197	182
70	122	108
80	51	39
90	0	0.04
100	0.13	0.2
110	0.3	0.38
120	0.5	0.56
130	0.67	0.74
140	0.75	0.91
150	0.87	1.05
160	1	1.19
170	1.11	1.25
180	1.22	1.22

Polar Candela



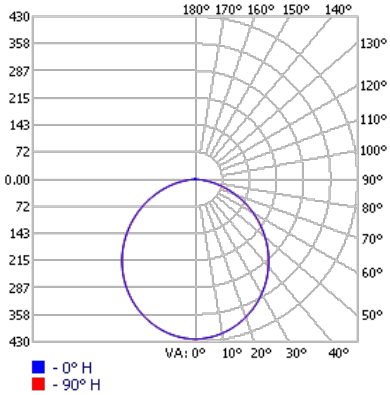
LUMINAIRE DATA	
DESCRIPTION:	DVP38718 3000K
CRI	90
LAMP OUTPUT:	RATED LUMENS/LAMP: 1209.7
INPUT WATTAGE:	12.2807
LUMINOUS OPENING:	CIRCULAR (DIA: 0.14M)
MAX CD:	422.8 AT HOR. : 0°, VERT.: 0°
SPACING CRITERION:	@ 0 = 1.24 / @ 90 = 1.23
EFFICIENCY:	96.40%

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	324	26.8%	27.8%
0-40	529	43.7%	45.4%
0-60	926	76.6%	79.4%
60-90	237	19.6%	20.3%
70-100	97	8.0%	8.3%
90-120	1	0.1%	0.1%
0-90	1163	96.1%	99.7%
90-180	3	0.3%	0.3%
0-180	1166	96.4%	100.0%

AVERAGE LUMINANCE (CD/M²)		
VERTICAL ANGLE	HORIZONTAL ANGLE	
	0	90
0	27458	27458
45	25056	24974
55	23806	23652
65	21908	21662
75	18717	18456
85	10614	11045

CANDELA DISTRIBUTION		
VERTICAL ANGLE	HORIZONTAL ANGLE	
	0	90
0	423	423
10	413	413
20	389	388
30	351	350
40	301	300
50	242	241
60	177	175
70	108	107
80	43	43
90	0.01	0.04
100	0.14	0.17
110	0.29	0.34
120	0.46	0.49
130	0.62	0.67
140	0.75	0.8
150	0.85	0.94
160	0.93	1.08
170	1.02	1.14
180	1.1	1.1

Polar Candela



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