DVI LIGHTING

DATE:		LOCATION:	
TYPE:		PROJECT:	
CATALOG #:			

BANSHEE PRO | **DVP38728** - 9" 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

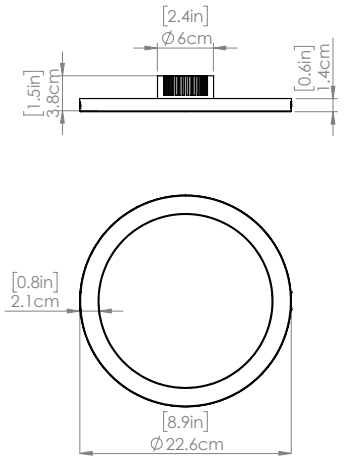
DVI LIGHTING

DATE:		LOCATION:	
TYPE:		PROJECT:	
CATALOG #:			

BANSHEE PRO | **DVP38728 -** 9" FLUSH MOUNT

SPECIFICATIONS

DIAMETER	**9”**	
HEIGHT	**1.5”**	
INPUT VOLTAGE	**120-277 VAC**	
WATTS	**18W**	
CRI	**80+**	**90+**
INITIAL LUMENS *at 3000K	**3190LM**	**2770LM**
DELIVERED LUMENS *at 3000K	**2073LM**	**1800LM**
ESTIMATED ANNUAL COST *based on 3 hrs/day, 10.65¢/kWh.	**$2.33**	
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	**24**	
MASTER BOX WEIGHT (KG)	**21**	
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	9”
MB	3000K	80CRI	**DVP38728MB-3K-80**
		90CRI	**DVP38728MB-3K-90**
	3500K	80CRI	**DVP38728MB-35K-80**
		90CRI	**DVP38728MB-35K-90**
	4000K	80CRI	**DVP38728MB-4K-80**
		90CRI	**DVP38728MB-4K-90**
MW	3000K	80CRI	**DVP38728MW-3K-80**
		90CRI	**DVP38728MW-3K-90**
	3500K	80CRI	**DVP38728MW-35K-80**
		90CRI	**DVP38728MW-35K-90**
	4000K	80CRI	**DVP38728MW-4K-80**
		90CRI	**DVP38728MW-4K-90**

DVI LIGHTING

DATE:		LOCATION:	
TYPE:		PROJECT:	
CATALOG #:			

BANSHEE PRO | **DVP38728** - 9" FLUSH MOUNT

LUMINAIRE DATA	
DESCRIPTION:	DVP38728 3000K
CRI	80
LAMP OUTPUT:	RATED LUMENS/LAMP: 1840.6
INPUT WATTAGE:	18.076
LUMINOUS OPENING:	CIRCULAR (DIA: 0.18M)
MAX CD:	699.6 AT HOR.: 90°, VERT.: 6°
SPACING CRITERION:	@ 0 = 1.25 / @ 90 = 1.33
EFFICIENCY:	106.20%

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	548	27.5%	26.1%
0-40	900	45.1%	42.9%
0-60	1602	80.9%	77.0%
60-90	469	24.8%	23.6%
70-100	213	11.6%	11.0%
90-120	6	0.3%	0.3%
0-90	2073	105.7%	99.7%
90-180	10	0.5%	0.3%
0-180	2083	106.2%	100.0%

AVERAGE LUMINANCE (CD/M2)		
VERTICAL ANGLE	HORIZONTAL ANGLE	
	0	90
0	26389	26389
45	24384	26187
55	23242	25723
65	21486	24985
75	18596	23846
85	11419	22323

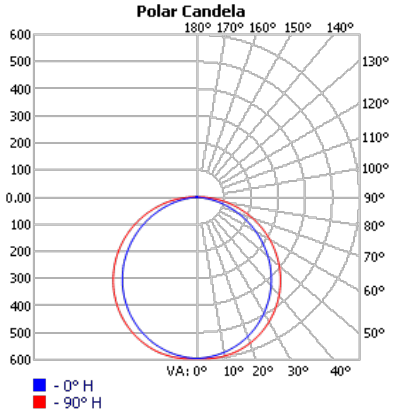
CANDELA DISTRIBUTION		
VERTICAL ANGLE	HORIZONTAL ANGLE	
	0	90
0	702	702
10	687	696
20	648	666
30	586	611
40	505	536
50	408	445
60	299	338
70	185	222
80	75	107
90	0	30
100	0	0
110	0	0
120	1	1
130	1	1
140	1	1
150	1	1
160	1	1
170	1	2
180	2	2

LUMINAIRE DATA	
DESCRIPTION:	DVP38728 3000K
CRI	90
LAMP OUTPUT:	RATED LUMENS/LAMP: 1720
INPUT WATTAGE:	18.886
LUMINOUS OPENING:	CIRCULAR (DIA: 0.18M)
MAX CD:	597.1 AT HOR.: 90°, VERT.: 6°
SPACING CRITERION:	@ 0 = 1.24 / @ 90 = 1.32
EFFICIENCY:	105.10%

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	467	27.2%	25.8%
0-40	769	44.7%	42.5%
0-60	1377	80.1%	76.2%
60-90	423	24.6%	23.4%
70-100	198	11.5%	10.9%
90-120	5	0.3%	0.3%
0-90	1800	104.7%	99.6%
90-180	8	0.5%	0.4%
0-180	1808	105.1%	100.0%

AVERAGE LUMINANCE (CD/M2)		
VERTICAL ANGLE	HORIZONTAL ANGLE	
	0	90
0	22351	22351
45	20494	23174
55	19487	23230
65	17904	23300
75	15311	23804
85	8741	30438

CANDELA DISTRIBUTION		
VERTICAL ANGLE	HORIZONTAL ANGLE	
	0	90
0	595	595
10	581	594
20	547	573
30	494	531
40	425	471
50	343	397
60	250	309
70	153	213
80	61	116
90	0	30
100	0	0
110	0	0
120	1	1
130	1	1
140	1	1
150	1	1
160	1	1
170	1	2
180	2	2



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