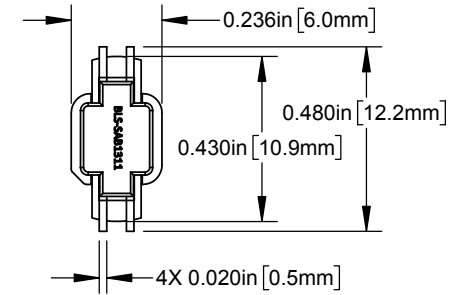
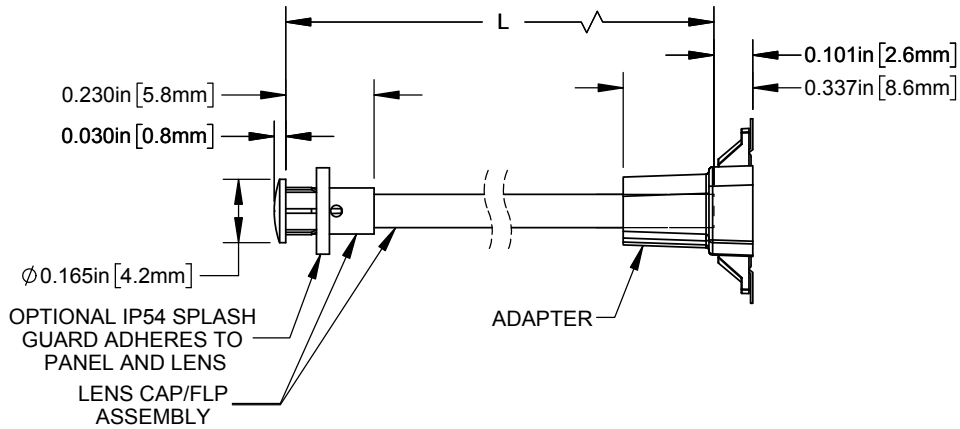


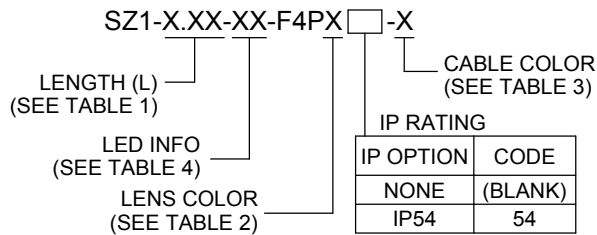
NOTES:

1. ALLOWABLE FLEXIBLE LIGHT PIPE CUT LENGTH AVAILABLE IN INCREMENTS OF 0.05".
2. MINIMUM BEND RADIUS OF FLEXIBLE LIGHT PIPE: 0.87" [22mm].
3. COMPONENTS SHIPPED NON-ASSEMBLED.
4. SEE SHEET 2 FOR DETAILED ASSEMBLY INSTRUCTIONS TO ACHIEVE OPTIMUM FUNCTION OF SPLASH GUARD.

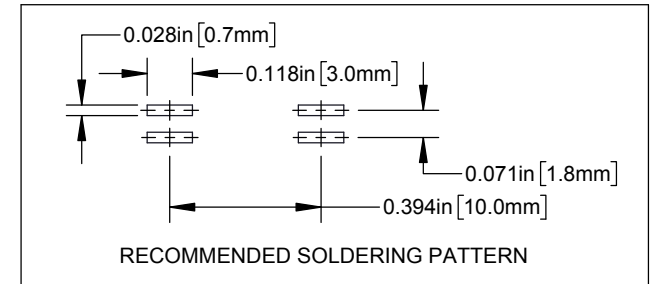
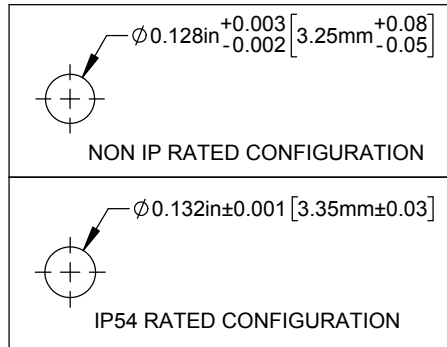
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	08/21/2019	A.V.



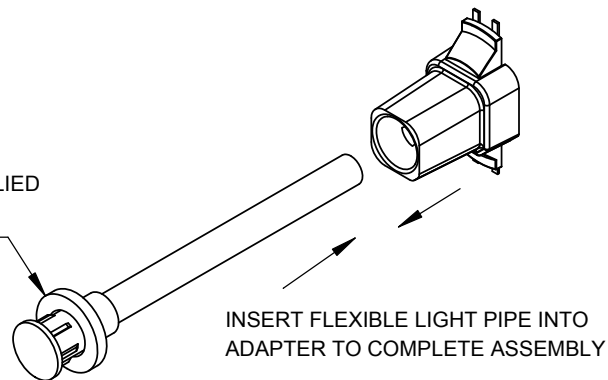
PART NUMBER CONFIGURATOR
SEE SHEET 2 & 3 FOR ORDERING INFORMATION



RECOMMENDED LENS MOUNTING HOLE



OPTIONAL IP54 SPLASH GUARD APPLIED TO PANEL BEFORE INSERTING LENS CAP/FLP ASSEMBLY INTO PANEL



CUSTOMER USE DRAWING

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
DECIMALS	ANGULAR		
.X ± .1	X° ± 1°	TITLE: FLP ASSEMBLY WITH SURFACE MOUNT ADAPTER, SMD LED, LC DRAWING NO: SZ1-X.XX-XX-F4PX-X REVISION: A SHEET SIZE: A CAGE CODE: 32559 SCALE: 2:1 SHEET # 1 OF 3	
.XX ± .02			
.XXX ± .010			
DESIGNED: K. BARON	DATE: 08/21/19		
REVISED: N/A	DATE: N/A		
CHECKED: A. VALDEZ	DATE: 08/21/19		

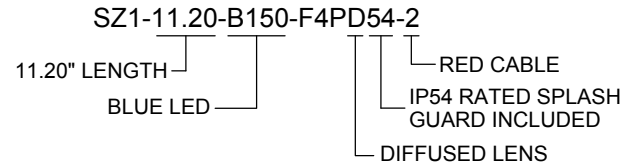
TABLE 1 - LENGTH	
LENGTH (L)*	TOLERANCE
1.00" - 16.00"	±0.05"
16.05" - 40.00"	±0.15"
40.05" - 80.00"	±0.30"
80.05" - 3,940.00"	±0.5%

*AVAILABLE IN 0.05" INCREMENTS

TABLE 2 - LENS	
ORDER CODE	LENS APPEARANCE
(BLANK)	CLEAR
D	DIFFUSED
S	SMOKED
BE	TINTED BLUE
GN	TINTED GREEN
RD	TINTED RED
YW	TINTED YELLOW

TABLE 3 - CABLE	
ORDER CODE	CABLE COLOR
(BLANK)	BLACK
2	RED
4	YELLOW
5	GREEN
6	BLUE
9	WHITE

ASSEMBLY SAMPLE PART NUMBER



ASSEMBLY INSTRUCTIONS TO ACHIEVE OPTIMUM FUNCTION OF SPLASH GUARD:

- CLEAN PANEL SURFACE AROUND MOUNTING HOLE WITH ALCOHOL
- PEEL LINER OFF TOP OF THE SPLASH GUARD WHILE KEEPING SPLASH GUARD ON PLASTIC ROLL
- APPLY SPLASH GUARD TO PANEL HOLE AS CENTERED AS POSSIBLE AND PEEL PLASTIC LINER SLOWLY AWAY
- INSERT LIGHT PIPE INTO PANEL UNTIL SPLASH GUARD MATERIAL IS COMPRESSED BETWEEN LENS AND PANEL
- HOLD FOR A FEW SECONDS TO ENSURE ENTIRE SPLASH GUARD ADHERES TO PANEL AND LENS FLANGE SURFACE

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		BIVAR [®]	
CAGE CODE:	32559	DRAWING NO: SZ1-X.XX-XX-F4PX-X	REVISION: A
SHEET SIZE:	A	SCALE: 2:1	SHEET # 2 OF 3
<small>CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING</small>			

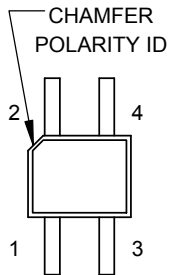
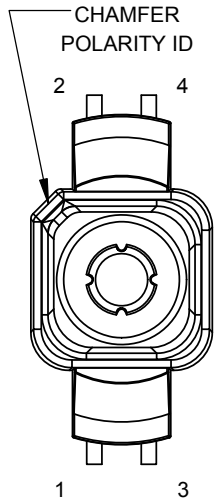


TABLE 4 - LED INFORMATION							
Order Code XX	Emitted Color	Peak Wave L. λ_p [nm]	Electro-Optical Data @20mA, 25°C				Polarity Diagram
			V_f [V]			I_v [mcd]	
		Chroma TYP	MIN	TYP	MAX	TYP	
R130	Red	640	1.7	2.0	2.5	130	FIGURE A
R480	Red	630	1.7	2.0	2.5	480	FIGURE B
A220	Amber	610	1.7	2.0	2.5	220	
O170	Orange	590	1.7	2.0	2.5	170	
Y50	Yellow	570	1.7	2.0	2.5	50	
G850	Green	520	2.8	3.2	3.7	850	
B150	Blue	465	2.8	3.2	3.7	150	
W305	White	X = 0.308 Y = 0.305	2.8	3.0	3.7	1750	
OY	Orange	590	1.7	2.0	2.5	190	
	Yellow	572	1.7	2.0	2.5	60	FIGURE D
RY	Red	640	1.7	2.0	2.5	110	
	Yellow	572	1.7	2.0	2.5	55	FIGURE F
RG	Red	640	1.7	2.0	2.5	200	
	Green	520	2.8	3.2	3.7	810	FIGURE H
RW	Red	630	1.7	2.0	2.5	130	
	White	X = 0.28 Y = 0.29	2.8	3.2	3.7	520	FIGURE H
RB	Red	650	1.7	2.0	2.5	80	
	Blue	465	2.8	3.2	3.7	150	
RGB	Red	643	1.7	2.0	2.5	95	FIGURE H
	Green	515	2.8	3.3	3.7	730	
	Blue	460	2.8	3.3	3.7	120	

Note: 10% Duty Cycle, Pulse Width \leq 0.1msec for Peak If.

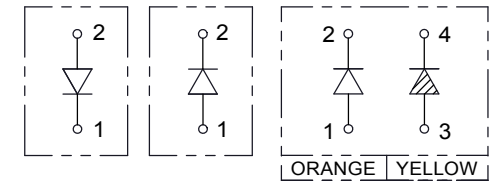


FIG. A

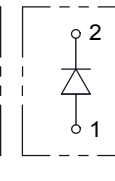


FIG. B

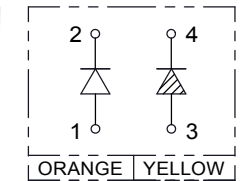


FIG. C

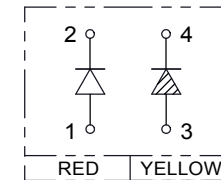


FIG. D

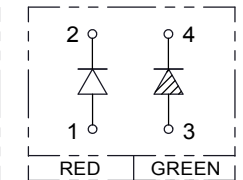


FIG. E

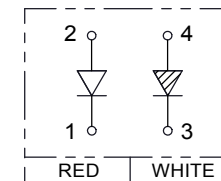


FIG. F

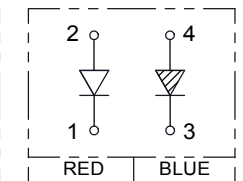


FIG. G

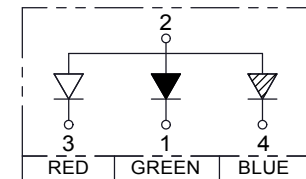


FIG. H

CUSTOMER USE DRAWING

		BIVAR [®]	
CAGE CODE:	32559	DRAWING NO:	SZ1-X.XX-XX-F4PX-X
		REVISION:	A
SHEET SIZE:	A	SCALE:	2:1
		SHEET #	3 OF 3
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