

- NOTES:
- 1. SIDE GLOW LIGHT PIPE AND ADAPTER ASSEMBLY SHIPPED UNASSEMBLED.
 - 2. LENGTHS AVAILABLE FROM 6.0IN [152mm] UP TO 36.0IN [914mm].
 - 3. SIDE GLOW LIGHT PIPE INSERTED INTO ADAPTER HOUSING TO COMPLETE INSTALLATION.
 - 4. RECOMMENDED FOR ONE TIME INSERTION.

PART NUMBER CONFIGURATOR

SASG4-YY.YY-ZZZ

4mm SIDE GLOW
LIGHT PIPE

LED
(SEE TABLE 2)

LENGTH (L)*
(SEE TABLE 1)

TABLE 1 - LENGTH	
LENGTH (L)*	TOLERANCE
6.0" - 16.0"	±0.1"
16.1" - 36.0"	±0.2"

TABLE 2 - LED	
ORDER CODE	COLOR
RGB	RGB

*AVAILABLE IN 0.1" INCREMENTS

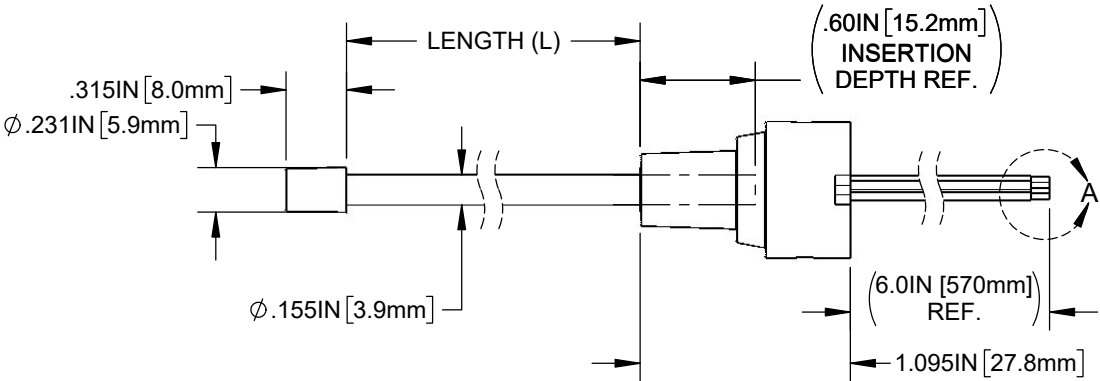
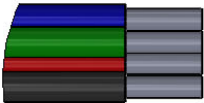
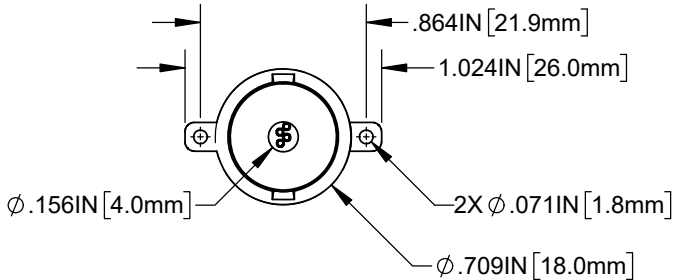
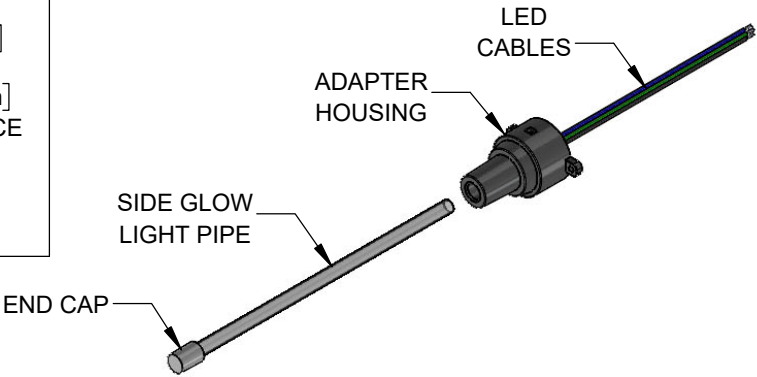
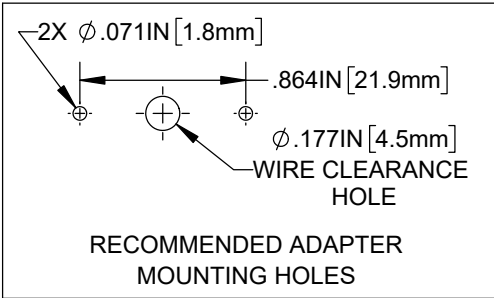


TABLE 3 - LED SOURCE INFORMATION			
Emitted RGB Colors	Dom. Wave L.	Electro-Optical Data	
	λ_p [nm]	V_f [V]	I_v [mcd]
	TYP	TYP	TYP
Red	622	5.0	550
Green	525	5.0	4500
Blue	465	5.0	500

CABLE DESIGNATION	
CABLE COLOR	DESCRIPTION
BLACK	+5V
RED	RED LED
GREEN	GREEN LED
BLUE	BLUE LED



DETAIL A
SCALE 4 : 1



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
D	UPDATED BOM	7/17/2024	A.V.
E	UPDATED BOM	7/31/2024	A.V.
F	UPDATED MFG DRAWING	8/12/2024	A.V.
G	ECO-1300: UPDATED PCBA BOM	10/24/2024	A.V.
H	ECO-1316: REMOVED HEAT SHRINK	2/20/2025	A.V.

CUSTOMER USE DRAWING

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)		BIVAR[®] 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974		
DECIMALS	ANGULAR			
.X ± .1	X° ± 1°	TITLE: SURFACE AREA LIGHT GUIDE, SIDE GLOW 4mm		
.XX ± .02				
.XXX ± .010		DRAWING NO: SASG4-YY.YY-ZZZ		
DESIGNED: K. BARON	DATE: 6/5/2024	REVISION: H		
REVISED: K. BARON	DATE: 2/20/2025	SHEET SIZE	A	CAGE CODE: 32559
CHECKED: D. ASHBY	DATE: 2/20/2025	SCALE: 1:1		SHEET # 1 OF 1
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING				