

- 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 WITH KAPTON TAPE INSERTED INTO ADAPTER HOUSING TO COMPLETE INSTALLATION.
 - 4. RECOMMENDED FOR ONE TIME INSERTION.

PART NUMBER CONFIGURATOR

SASG5-YY.YY-ZZZ

5mm 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

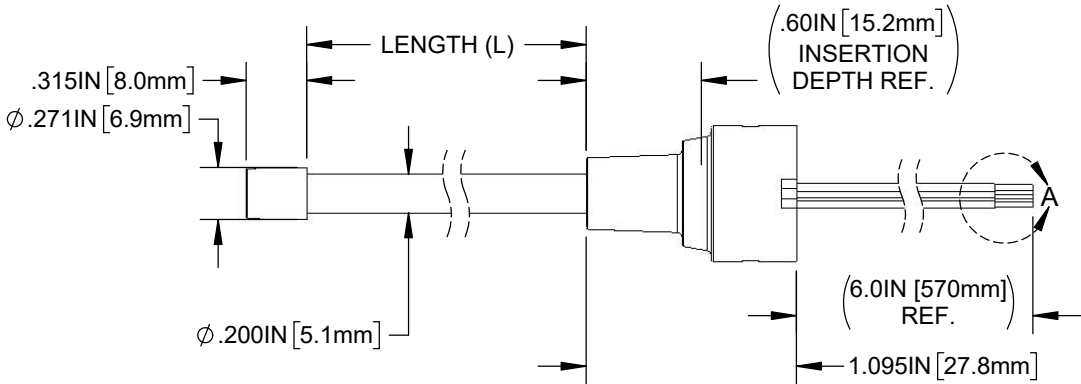
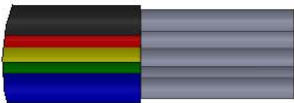


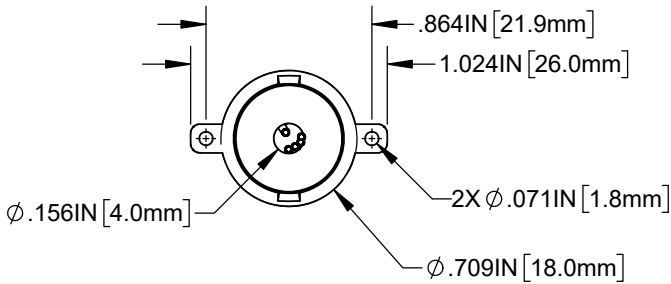
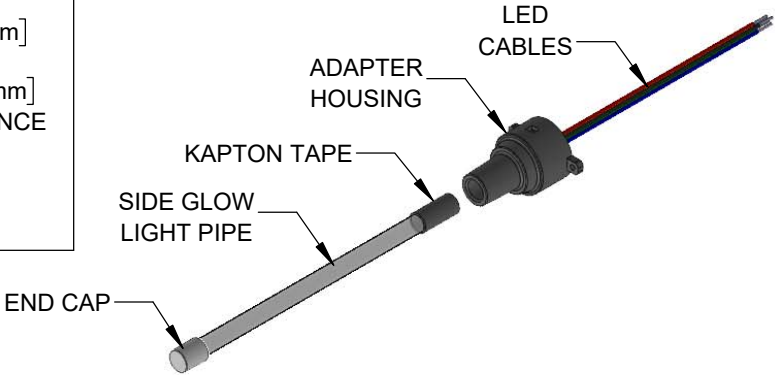
TABLE 3 - LED SOURCE INFORMATION			
Emitted RGB Colors	Dom. Wave L.	Electro-Optical Data	
	λ_p [nm]	V_f [V]	I_v [mcd]
	TYP	TYP	TYP
Red	622	5.0	550
Green	525	5.0	4500
Blue	465	5.0	500

CABLE DESIGNATION	
CABLE COLOR	DESCRIPTION
BLACK	GROUND
RED	RED LED
GREEN	GREEN LED
BLUE	BLUE LED
YELLOW	V IN



DETAIL A
SCALE 4 : 1

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	ENGINEERING RELEASE	6/5/2024	A.V.
B	UPDATED WIRE LENGTH	6/13/2024	A.V.
C	UPDATED LENGTH TOLERANCE	6/21/2024	A.V.
D	UPDATED BOM	7/17/2024	A.V.
E	UPDATED BOM	8/12/2024	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 5mm	
.XX ± .02			
.XXX ± .010			
DESIGNED: K. BARON	DATE: 6/5/2024	DRAWING NO: SASG5-YY.YY-ZZZ	
REVISION: K. BARON	DATE: 8/12/2024	REVISION: E	
CHECKED: D. ASHBY	DATE: 8/12/2024	SHEET SIZE A	CAGE CODE: 32559
		SCALE: 1:1	SHEET # 1 OF 1
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING			

Mouser Electronics

Authorized Distributor

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[SASG5-24.00-RGB](#) [SASG5-6.00-RGB](#) [SASG5-18.00-RGB](#) [SASG5-12.00-RGB](#)