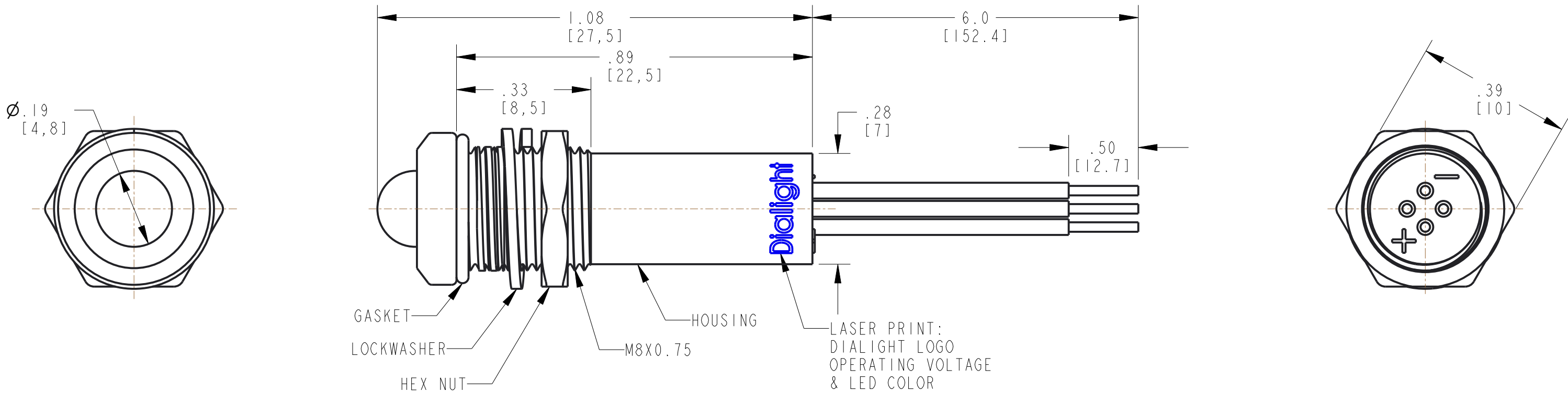


ASSEMBLY NUMBER	OPERATING VOLTAGE	EMITTED COLOR	LENS COLOR
620-1141-117F	3V	RGY	WATER CLEAR
620-1143-117F	12V	RGY	
620-1144-117F	24V	RGY	
620-1121-117F	3V	RGB	
620-1123-117F	12V	RGB	
620-1124-117F	24V	RGB	
620-1111-117F	3V	RG	
620-1113-117F	12V	RG	
620-1114-117F	24V	RG	

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	119416	NEW RELEASE	JSG	JY	JV	19JUN24
B	125831	REVISED NOTE 3.1 & 3.2 MATERIAL TO STAINLESS STEEL, REVISED 3.4 COLOR TO BLUE	LD		JV	1-6-25
C	143226	ADDED NOTE 3.6	LD		PL	7-14-26



- NOTES:
- 1, MOUNTING HOLE SIZE: 0.323" (8.2 MM)
 - 2, MAX PANEL THICKNESS: 0.197" (5.0 MM)
 - 3, MATERIALS:
 - 3.1, METAL HOUSING: STAINLESS STEEL
 - 3.2, MOUNTING HEX NUT: STAINLESS STEEL.
 - 3.3, SPLIT LOCK WASHER: STEEL, UNI-CHROME PLATED.
 - 3.4, HEADER/INSULATOR: POLYCARBONATE, COLOR: BLUE
 - 3.5, GASKET
 - 3.6, GASKET(1), HEXNUT(1), LOCKWASHER(1) ARE NOT ASSEMBLED ON THE PMI LED AND WILL BE PACKAGED SEPARATELY IN A BAG.
 - 4, SOLDERABILITY: PER ANSI/IPC-S-805, METHOD A.
 - 5, RECOMENDED MOUNTING TORQUE: 0.362 LBS/FT (5 KG/CM)
 - 6, RECOMENDED OPERATING CURRENT 15mA.

LED CHARACTERISTICS TABLE									
ABSOLUTE MAXIMUM RATINGS Ta=25°C									
EMITTED COLOR	EMITTING COLOR	FORWARD CURRENT IF(mA)	PEAK FORWARD CURRENT (mA)	REVERSE VOLTAGE VR(V)	POWER DISSIPATION PD(mW)	ELECTROSTAIC DISCHARGE ESD(V)	OPERATING TEMPERATURE Topr (°C)	STORAGE TEMPERATURE Tstg (°C)	ZENER REVERSE CURRENT (mA)
RGY	RED	30	100	5	72	3000	-40 to +85	-40 to +100	—
	YELLOW				72	3000	-40 to +85	-40 to +100	
	GREEN				96	2000	-40 to +85	-40 to +100	
RGB	RED	30	100	5	60	1K	-40 to +85	-40 to +85	100
	GREEN								
	BLUE								
RG	RED	20	100	5	110	4K	-40 to +85	-40 to +85	100
	GREEN								

EMITTED COLOR	EMITTING COLOR	(IF = 20mA) ELECTRO-OPTICAL CHARACTERISTICS									
		TEST CONDITION	FORWARD VOLTAGE VF(V)		ZENER VOLTAGE (V)	REVERSE CURRENT IR(uA)	LUMINOUS INTENSITY Iv(mcd)		WAVE LENGTH (nm)		ANGLE (REF.)
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	TYP.
RGY	RED	20mA	1.8	2.4	—	10@VR=5V	600	1300	620	630	45
	GREEN		2.6	3.2			1300	2800	515	525	
	YELLOW		1.8	2.4			270	600	585	595	
RGB	RED	20mA	1.8	2.4	5.2@Iz=5mA	10@VR=5V	800	1200	620	625	120
	GREEN		2.8	3.6			1800	2800	515	520	
	BLUE		2.8	3.6			800	1200	460	475	
RG	RED	20mA	1.8	2.2	5.2@Iz=5mA	5@VR=5V	400	600	620	625	120
	GREEN		2.8	3.2			900	1400	515	525	



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

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DIALIGHT CORP INTERNAL REFERENCE ONLY - 3D MODEL : 62011XX117F-1-2		
SCALE: 4.000	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-18759	C
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: ±1/64	8mm PRO PMI W/ WIRES	
DECIMALS (.XX): ±.01	MATERIAL	
DECIMALS (.XXX): ±.005	—	
DECIMALS (.XXXX): ±.0005	—	
ANGLES: ±1°	—	
FINISH	—	
FSCM 83330	SHEET 1 OF 1 FAMILY TABLE:	