

REV	ECN NO	REVISIONS	DRN	CKD	APP	QA	CM	DATE
A	—	NEW RELEASE	BP					

DIALIGHT ASSEMBLY NO.	LED COLOR	OPERATING VOLTAGE	REFER TO FIGURE	HOUSING COLOR	PIECE/PART MARKING
679-2112-321F	HIGH BRIGHT RED	6V	1	CHROME	DIALIGHT 6V
679-2115-321F	HIGH BRIGHT RED	6V	2		
679-2212-322F	HIGH BRIGHT GREEN	6V	1		
679-2215-322F	HIGH BRIGHT GREEN	6V	2		
679-2312-323F	HIGH BRIGHT ORANGE	6V	1		
679-2315-323F	HIGH BRIGHT ORANGE	6V	2		
679-2412-324F	HIGH BRIGHT BLUE	6V	1		
679-2415-324F	HIGH BRIGHT BLUE	6V	2		
679-2112-331F	HIGH BRIGHT RED	12V	1		
679-2115-331F	HIGH BRIGHT RED	12V	2		
679-2212-332F	HIGH BRIGHT GREEN	12V	1		
679-2215-332F	HIGH BRIGHT GREEN	12V	2		
679-2312-333F	HIGH BRIGHT ORANGE	12V	1		
679-2315-333F	HIGH BRIGHT ORANGE	12V	2		
679-2412-334F	HIGH BRIGHT BLUE	12V	1		
679-2415-334F	HIGH BRIGHT BLUE	12V	2		
679-2112-341F	HIGH BRIGHT RED	24V	1		
679-2115-341F	HIGH BRIGHT RED	24V	2		
679-2212-342F	HIGH BRIGHT GREEN	24V	1		
679-2215-342F	HIGH BRIGHT GREEN	24V	2		
679-2312-343F	HIGH BRIGHT ORANGE	24V	1		
679-2315-343F	HIGH BRIGHT ORANGE	24V	2		
679-2412-344F	HIGH BRIGHT BLUE	24V	1		
679-2415-344F	HIGH BRIGHT BLUE	24V	2		
679-2122-321F	HIGH BRIGHT RED	6VDC	1	BLACK	DIALIGHT 6V
679-2125-321F	HIGH BRIGHT RED	6VDC	2		
679-2222-322F	HIGH BRIGHT GREEN	6VDC	1		
679-2225-322F	HIGH BRIGHT GREEN	6VDC	2		
679-2322-323F	HIGH BRIGHT ORANGE	6VDC	1		
679-2325-323F	HIGH BRIGHT ORANGE	6VDC	2		
679-2422-324F	HIGH BRIGHT BLUE	6VDC	1		
679-2425-324F	HIGH BRIGHT BLUE	6VDC	2		
679-2122-331F	HIGH BRIGHT RED	12VDC	1		
679-2125-331F	HIGH BRIGHT RED	12VDC	2		
679-2222-332F	HIGH BRIGHT GREEN	12VDC	1		
679-2225-332F	HIGH BRIGHT GREEN	12VDC	2		
679-2322-333F	HIGH BRIGHT ORANGE	12VDC	1		
679-2325-333F	HIGH BRIGHT ORANGE	12VDC	2		
679-2422-334F	HIGH BRIGHT BLUE	12VDC	1		
679-2425-334F	HIGH BRIGHT BLUE	12VDC	2		
679-2122-341F	HIGH BRIGHT RED	24VDC	1		
679-2125-341F	HIGH BRIGHT RED	24VDC	2		
679-2222-342F	HIGH BRIGHT GREEN	24VDC	1		
679-2225-342F	HIGH BRIGHT GREEN	24VDC	2		
679-2322-343F	HIGH BRIGHT ORANGE	24VDC	1		
679-2325-343F	HIGH BRIGHT ORANGE	24VDC	2		
679-2422-344F	HIGH BRIGHT BLUE	24VDC	1		
679-2425-344F	HIGH BRIGHT BLUE	24VDC	2		

NOTES:

1, MOUNTING HOLE SIZE: 0.368" (9.35 MM)

2, MAX PANEL THICKNESS: 0.318" (8 MM)

3, MATERIALS:

3.1, METAL HOUSING: BRASS, CHROME PLATED, BLACK PAINT COATING

3.2, MOUNTING HEX NUT: BRASS, NICKEL PLATED.

3.3, SPLIT LOCK WASHER: STEEL, UNI-CHROME PLATED.


3.4, HEADER/INSULATOR: POLYCARBONATE, COLOR: BLACK

4, SOLDERABILITY: PER ANSI/IPC-S-805, METHOD A.

5, RECOMENDED MOUNTING TORQUE: 0.362 LBS/FT (5 KG/CM)

RoHS COMPLIANT C18284

Part Numbers with the "F" suffix ending are RoHS Compliant. Packaging is marked with "RoHS Compliant" label or equivalent markings. Parts can be wave soldered, dip soldered or hand soldered using typical lead-free soldering process with max 260°C temp. for 5 sec.

THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT.		
SCALE: 3.000 ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-18284	REV A
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	TITLE 9mm HIGH BRIGHT LED PMI	
FINISH: -	MATERIAL -	
FSCM 83330	 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
SHEET 1 OF 2 FAMILY TABLE:		

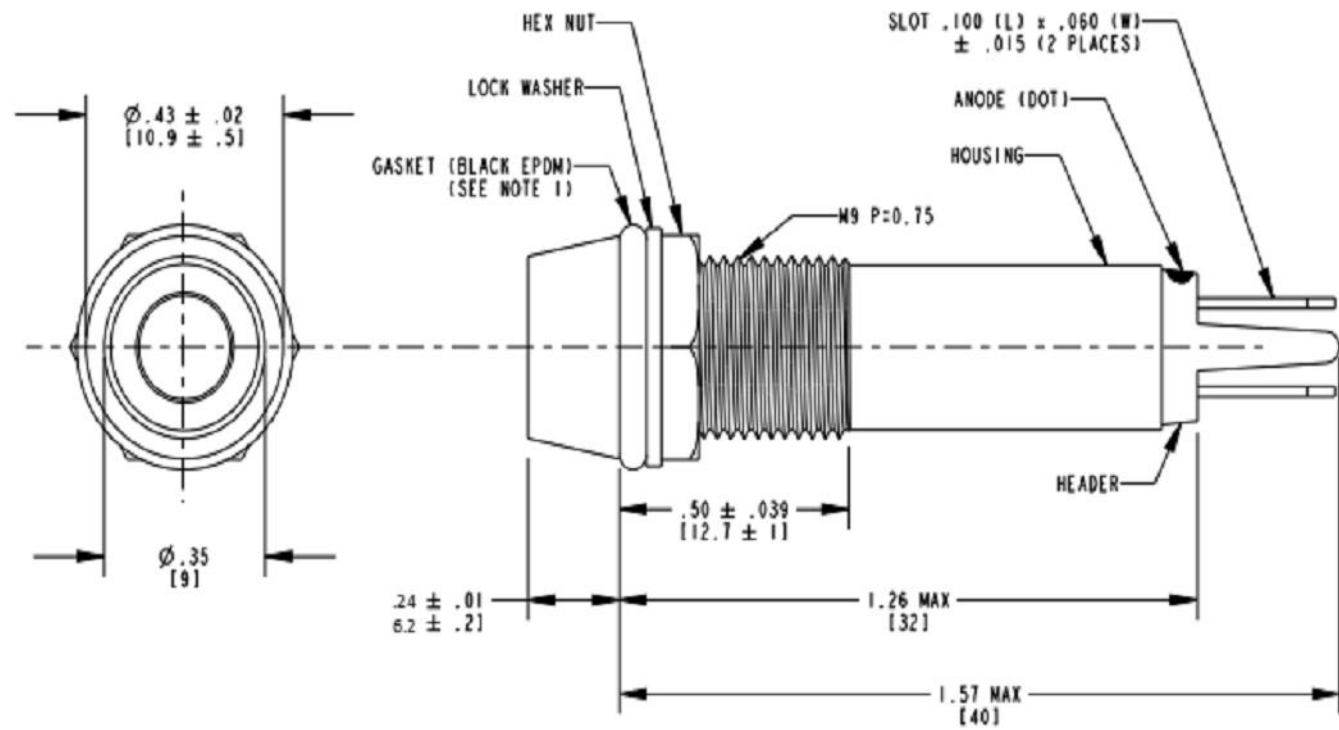


FIGURE 1

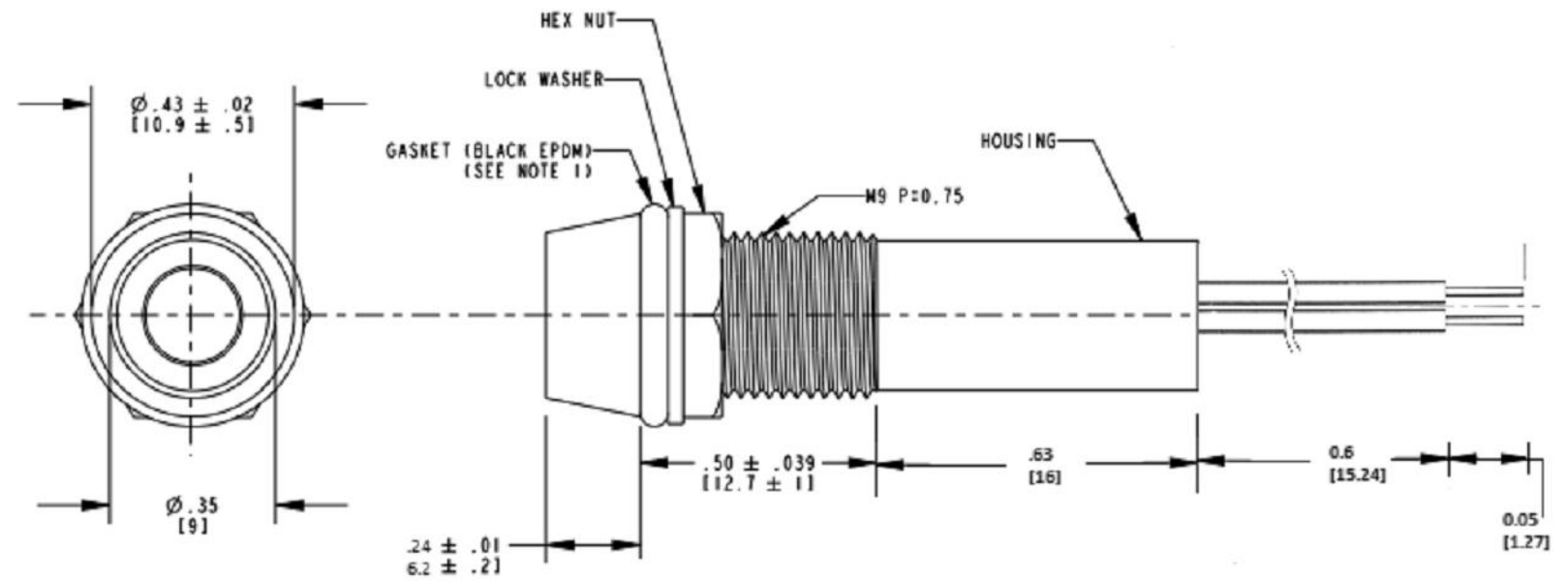


FIGURE 2

LED Specifications

Color	Absolute Maximum Ratings					IF: 20mA Electro-Optical Characteristics					
	Forward Current IF (mA)	Reverse Voltage VR (V)	Power Dissipation PD (mW)	Operating Temp. Topr (°C)	Storage Temp. Tstg (°C)	Forward Voltage VF (V)	Reverse Current IR (µA)	Luminous Intensity Iv (mcd)	Wave Length λd (nm)	LineHalf-width Δλ (nm)	Angle (Ref.) 2θ 1/2
Red	30	10	72	-30 ~ +85	-40 ~ +100	2.05	10	2100	624	20	30
Green	30	7	108	-30 ~ +85	-40 ~ +100	3.3	10	25000	525	30	30
Orange	30	10	72	-30 ~ +85	-40 ~ +100	2.05	10	2000	605	17	30
Blue	30	7	108	-30 ~ +85	-40 ~ +100	3.3	10	5400	470	22	30
White	30	7	105	-30 ~ +85	-40 ~ +100	3.1	5	17000	**x = 0.32, y=0.32		30

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ALL DIM'S IN: INCHES (MM)

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FRACTIONS: ±1/64
DECIMALS (.XX): ±.01
DECIMALS (.XXX): ±.005
DECIMALS (.XXXX): ±.0005
ANGLES: ±1°

FINISH:

FSCM 83330

DRAWING NUMBER: C-18284
REV: A

TITLE: 9mm HIGH BRIGHT LED PMI

MATERIAL:

Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727

SHEET 2 OF 2 FAMILY TABLE: