

NOTE:

1. THE C OPTION SPECIFIES A PIN LENGTH = .20" FOR PANEL LIGHTS MOUNTED IN THE PS40 OR PS44 SOCKET. MOUNTING HARDWARE IS INCLUDED WITH THE SOCKET. DO NOT SELECT THE W OPTION.
2. MODEL 405 HAS NO LENS. OMIT THE LENS DIFFUSION AND COLOR (e.g 405-BG5H-O).
3. I_v = TYPICAL LUMINOUS INTENSITY @ I_f = 20mA (T_a = 25 °C). I_v IS MEASURED WITHOUT LENS LOW POWER LEDs @ I_f = 2mA.
4. USE WITH MODEL 405 ONLY.
5. SEE VOLTAGE / CURRENT TABLE FOR DESIGN SPECIFICATIONS. DESIGN CURRENT FOR LOW POWER LEDs = 2mA.
6. T_a = 25°C. VOLTAGE "2" INDICATES EXTERNAL RESISTOR REQUIRED. VOLTAGES 5H THROUGH 60H ARE VDC. FOR AC OPERATION, INSERT D AFTER VOLTAGE (e.g. 24HD). D INDICATES BUILT-IN RECTIFIER, NOT REQUIRED FOR 5H OR 120VAC. DC OPERATION NOT AVAILABLE FOR 120V. BI-COLOR AND TRI-COLOR NOT AVAILABLE IN AC VOLTAGES.
7. OMIT H WHEN SELECTING A VOLTAGE (e.g 41-RLP-CWO).
8. SELECT -CW OR -NW LENS ONLY. -RAG WIRE LEADS: GREEN ANODE/BLACK CATHODE/RED ANODE. -GAR WIRE LEADS: GREEN CATHODE/BLACK ANODE/RED CATHODE. COMMON LEAD IS THE FIRST LEAD CLOCKWISE FROM REFERENCE MARK ON HEADER. TRI-COLOR 5 OR 12 VOLT, OMIT H IN PART NUMBER.
9. SELECT HIGH INTENSITY LEDS ONLY.
10. OMIT LENS DIFFUSION WHEN SELECTING SMOKED LENS (e.g. 41-NWR-SO).
11. USE APPROPRIATE ESD PRECAUTIONS DURING HANDLING AND OPERATION.
12. MOUNTING HARDWARE PROVIDED
13. THIS DEVICES ARE RoHS COMPLIANT.

REVISIONS					
ECN	REV.	DESCRIPTION	DATE	BY	APPROVED
1122	A	INITIAL RELEASE	1/5/18	AS	OL

CONFIGURATION FOR MODELS

MODEL	WIRES
△ C (OPTIONAL)	△ 2 W (OPTIONAL)

41 W

STANDARD INTENSITY - DIFFUSED ENCAPSULATION		
LED	COLOR	V/C (TABLE)
△ 4 -BR	RED	
△ 4 -BA	AMB	
△ 4 -BG	GRN	
MEDIUM INTENSITY - TINTED ENCAPSULATION		
LED	COLOR	V/C (TABLE)
-BCR	RED	
-BCA	AMB	
-BCG	GRN	
HIGH INTENSITY - WATERCLEAR ENCAPSULATION		
LED	COLOR	V/C (TABLE)
△ 5 -NWR	RED	
△ 5 -NWO	ORG	
△ 5 -NWA	AMB	
△ 5 -NWG	GRN	
△ 5 -NWB	BLU	
△ 5 -NWW	CWHT	
△ 5 -NWL	WWHT	
△ 5 -NKR	RED	
△ 5 -NKO	ORG	
△ 5 -NKA	AMB	
△ 5 -NKG	GRN	
△ 5 -NKB	BLU	
△ 5 -NKW	CWHT	
△ 5 -NKL	WWHT	

WIRE LENGTH (OPTIONAL)*	
NUMBER	LENGTH (in)
8	8"
12	12"
16	16"
18	18"
24	24"
36	36"
40	40"
60	60"

VOLTAGE
2
5H
12H
15H
24H
28H
48H
60H
120 △ 9

LENS DIFFUSION
-C (CLEAR)
-N (DIFFUSED)

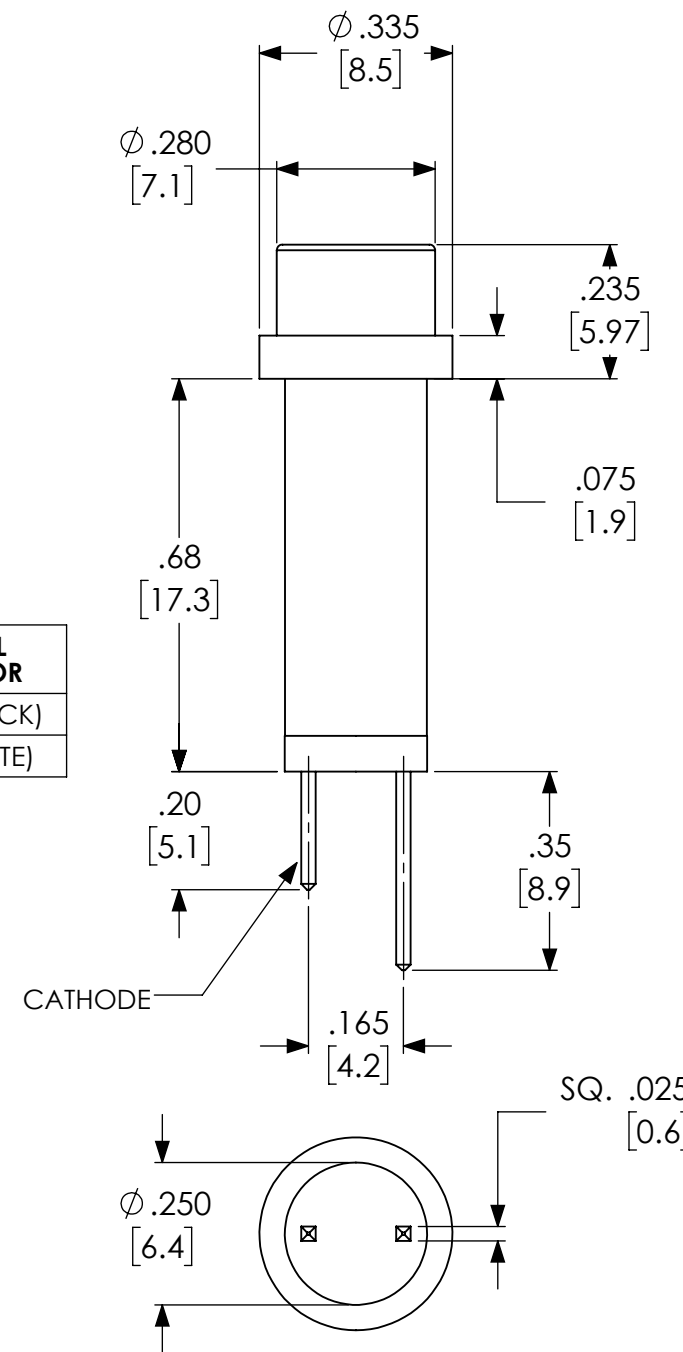
LENS COLOR
R (RED)
A (AMBER)
Y (YELLOW)
G (GREEN)
B (BLUE)
W (WATER CLEAR)
-S (SMOKE) △ 10

BEZEL COLOR
O (BLACK)
9 (WHITE)

*STANDARD WIRE LENGTH:

IF THE CONFIGURATION DOES NOT INCLUDE A NUMBER AFTER THE "W" USE THIS STANDARD:
6.0" +1.0" -0" TOTAL LENGTH (NOMINAL)/.50" STRIPPED +1/8" -0", RED ANODE/ BLACK CATHODE, 24 AWG TPB UL1061 INSULATION.

SPECIALITY LEDs - DIFFUSED ENCAPSULATION			
LED	COLOR	DESCRIPTION	V/C (TABLE)
△ 7 -RLP	RED	LOW POWER	NOTE 5
△ 7 -ALP	AMB	LOW POWER	NOTE 5
△ 7 -GLP	GRN	LOW POWER	NOTE 5
△ 8 -LRG	RED/GRN	BI-COLOR, RED CATHODE	
△ 8 -RAG	RED/AMB/GRN	TRI-COLOR, COMMON CATHODE	
△ 8 -GAR	GRN/AMB/RED	TRI-COLOR, COMMON ANODE	



VOLTAGE/CURRENT	
DESIGN Vf/If	MAX Vf/If
V/C Table I	
5V/22mA	5.5v/28mA
12V/20mA	14V/25mA
15V/24mA	16.5V/28mA
24V/17mA	26V/20mA
28V/16.5mA	30V/18mA
48V/15mA	50V/16mA
60V/9mA	65V/10mA
120VAC/3.5mA	130VAC/4mA

VOLTAGE / CURRENT	
DESIGN Vf/If	MAX Vf/If
V/C Table II	
5V/15mA	5.5v/23mA
12V/15mA	14V/20mA
15V/15mA	16.5V/18mA
24V/15mA	26V/18mA
28V/15mA	30V/17mA
48V/9.5mA	50V/10mA
60V/7mA	65V/8mA
120VAC/3.5mA	130VAC/4mA



ISOMETRIC VIEW ONLY FOR REF.

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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES (MM) SHOWN FOR REFERENCE ALL ANGLES ARE IN DEGREES		MATERIAL N/A		 12780 DANIELSON CT, SUITE A, POWAY, CA 92064 PHONE: (800)522-5546 • WWW.VCC-LITE.COM	
GENERAL TOLERANCES		FINISH N/A			
.XX ± 0.025	.X ± 0.63	DRW	A.SANCHEZ	12/19/17	DESC .250" PANEL MOUNT REFLECTOR
.XXX ± 0.010	.XX ± 0.25	D-ENG	A.SANCHEZ	12/19/17	PART NO SEE TABLES
BREAK ALL CORNERS AND SHARP EDGES .030 MAX		P-ENG	O.LARA / G.RUIZ	12/20/17	SIZE B
DIMENSIONS INSPECTION CRITICAL ANGLE ± 1°		QC	E.LARA	12/21/17	DRW NO 41 SERIES
THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING PRINTED COPIES ARE UNCONTROLLED		REV A	SHEET: 1 OF 1