NOTES:
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. Iv = TYPICAL LUMINOUS INTENSITY @ If = 20mA (Ta = 25 °C). Iv IS MEASURED WITHOUT LENS LOW POWER LEDs @ If = 2mA.
4. USE WITH MODEL 405 ONLY.
5. SEE VOLTAGE / CURRENT TABLE FOR DESIGN SPECIFICATIONS. DESIGN CURRENT FOR LOW POWER LEDs = 2mA.
6. Ta = 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 46-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. 46-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
1126	A	INITIAL RELEASE	1/19/18	AS	OL

CONFIGURATION FOR MODELS

46 W _____ _____ _____ _____ _____ _____

MODEL		WIRES
(1) C (OPTIONAL)	(2) 46	W (OPTIONAL)

STANDARD INTENSITY - DIFFUSED ENCAPSULATION			(5)
LED	COLOR	V/C (TABLE)	
(4) -BR	RED	I	
(4) -BA	AMB	I	
(4) -BG	GRN	I	

MEDIUM INTENSITY - TINTED ENCAPSULATION			
LED	COLOR	V/C (TABLE)	(5)
-BCR	RED	I	
-BCA	AMB	I	
-BCG	GRN	I	

HIGH INTENSITY - WATERCLEAR ENCAPSULATION			
LED	COLOR	V/C (TABLE)	(5)
-NWR	RED	I	
-NWO	ORG	I	
-NWA	AMB	I	
-NWG	GRN	II	
-NWB	BLU	II	
(8) -NWW	CWHT	II	
(8) -NWL	WWHT	II	
-NKR	RED	I	
-NKO	ORG	I	
-NKA	AMB	I	
-NKG	GRN	II	
-NKB	BLU	II	
(8) -NKW	CWHT	II	
(8) -NKL	WWHT	II	

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

VOLTAGE (6)
2
5H
12H
15H
24H
28H
48H
60H
120 (9)

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

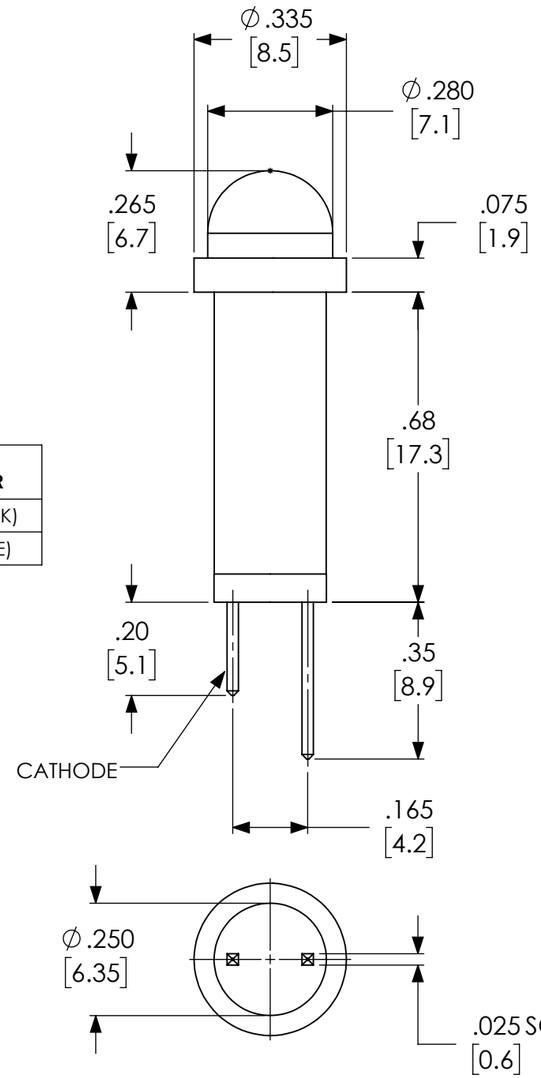
LENS COLOR
R (RED)
A (AMBER)
Y (YELLOW)
G (GREEN)
B (BLUE)
W (WATER CLEAR)
-S (SMOKE) (10)

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	I
(8) -RAG	RED/AMB/GRN	TRI-COLOR, COMMON CATHODE	I
(8) -GAR	GRN/AMB/RED	TRI-COLOR, COMMON ANODE	I



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



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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES (MM) SHOWN FOR REFERENCE ALL ANGLES ARE IN DEGREES
GENERAL TOLERANCES: INCH .XX ± 0.025, .XXX ± 0.010; MM .X ± 0.63, .XX ± 0.25
BREAK ALL CORNERS AND SHARP EDGES .030 MAX
(X.X) DIMS INSPECTION CRITICAL
ANGLE ± 1°
THIRD ANGLE PROJECTION

MATERIAL: N/A
FINISH: N/A

DRW	A.SANCHEZ	12/19/17
D-ENG	A.SANCHEZ	12/19/17
P-ENG	O.LARA / G.RUIZ	1/17/18
QC	E.LARA	1/19/18

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DESC: .250" PANEL MOUNT REFLECTOR
PART NO: SEE TABLES
SIZE: B | DRW NO: 46 SERIES | REV: A
SCALE: 1:1 | SHEET: 1 OF 1

FILE NAME: 46 Series