



Data Display Products®

.250" SNAP-IN PANEL LIGHT

T-1 3/4 Standard Profile, Built-In Resistor

- Mounting Diameter .249"(6.32) to .252"(6.40)
- For Panels .031"(.79) to .125" (3.18) Thick
- For Detailed LED Data, See Discrete Section, MODEL 200

Model	Wires	LED							Voltage ^[4]
		Color	λpk (nm)	Iv ^[1] (mcd)	Viewing Angle(°)	Tint ^[2]	V ^[3]		
PR405	W Optional	-ER	RED	660	30	44	D		5H
		-EGR	RED	660	160	30	C		12H
		-BR	RED	635	14	60	D		15H
		-BCR	RED	635	120	35	C		24H
		-NWR	RED	635	900	30	W		28H
		-R6K	RED	635	6,500	6	W		48H
		-NWO	ORG	609	1,300	30	W		60H
		-O8K	ORG	609	8,000	6	W		120 ^[5]
		-EA	ORG	605	24	44	D		
		-ECA	ORG	605	90	30	C		
		-NWA	AMB	592	1,300	30	W		
		-A9K	AMB	592	9,300	6	W		
		-BA	AMB	583	16	60	D		
		-BCA	AMB	583	100	35	C		
		-EAY	AMB	580	24	44	D		
		-ECAY	AMB	580	90	30	C		
		-EY	YEL	570	45	44	D		
		-ECY	YEL	570	160	30	C		
		-BG	GRN	565	10	60	D		
		-BCG	GRN	565	140	24	C		
		-EG	GRN	555	12	44	D		
		-ECG	GRN	555	80	30	C		
		-NWG	GRN	520	1,200	45	W		
		-G5K	GRN	520	5,000	15	W		
-NWB	BLU	465	325	45	W				
-B1K	BLU	465	1,000	15	W				
<i>Specialty LEDs</i>		-RLP ^[6]	RED	635	2.3	50	D	[3]	Low Power
		-ALP ^[6]	AMB	583	2.1	50	D	[3]	Low Power
		-GLP ^[6]	GRN	565	2.3	50	D	[3]	Low Power
		-LRG	R/G	660/565	70/32	80	D		Bi-Color (Green Cathode)

Voltage/Current	
Design Vf/If	Max Vf/If
Table I	
5V/27mA	5.5V/40mA
12V/27mA	14V/35mA
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

Table II	
5V/15mA	6V/36mA
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

[1] Iv = typical luminous intensity @ If = 20mA (Ta=25°C), Low Power LEDs @ If = 2mA.

[2] D = Diffused, C = Clear Tinted, W = Water Clear.

[3] See Voltage/Current table for design specifications. Design current for low power LEDs = 2mA.

[4] Ta = 25°C. Voltages 5H through 60H and VDC. For AC operation, insert D after Voltage (e.g. 24HD). D indicates built-in rectifier, not required for 15VAC or less or 120VAC. DC operation not available for 120V. Bi-Color not available in AC voltages.

[5] Select LEDs with mcd ≥ 325.

[6] Omit the H when selecting voltage (e.g. PR405-RLP12).

To Order:
Example:

Select one **BOLD** component from each SHADED column in the table
Part Number PR405-ER12H:

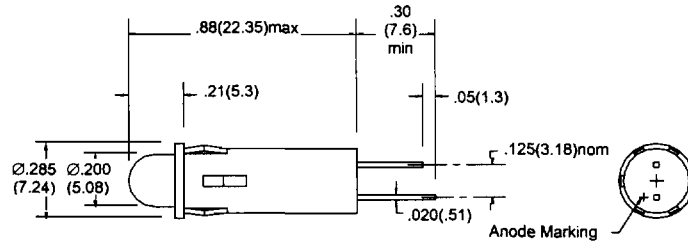
Model	LED	Voltage
PR405	-ER	12H

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.250" SNAP-IN PANEL LIGHT T-1 3/4 Standard Profile, Built-In Resistor



PR405

Standard Wire Leads: 6.0" total length (nominal) / .50" stripped (nominal), red anode/black cathode, 24 AWG TPB UL1061 insulation. Contact factory for other lengths, gauges and colors.

All dimensions are in inches(mm)
Tolerances: .xx"(.x) ±.025"(.63) / .xxx"(.xx) ±.010"(.25)
Specifications are subject to change without notice.