



Think Automation and beyond...



ø22mm

HW series Jumbo Dome Pilot Lights



IDEC CORPORATION

HW Series Jumbo dome Pilot Lights

Brilliant and Prominent.

Clear and easy recognition from a distance... and from the side.

Applicable Standards

Safety Standards	Mark	File No. or Organization
UL508		UL Listing File No.E68961
CSA 22.2 No.14		File No. LR 21451
EN60947-1 EN60947-5-1		TÜV Rheinland R50051481

LED Lamp Ratings

Type No.	Operating Voltage	Rated Current
LSTDB-2 *	24V AC/DC ±10%	15 mA

• Specify a lens color code in place of * : A: amber, G: green, R: red, S: blue, Y: yellow

Specifications

Operating temperature	-20 to +55°C
Storage temperature	-40 to +80°C (no freezing)
Operating humidity	45 to 85% RH (no condensation)
Insulation Resistance	100 MΩ maximum
Dielectric Strength	2000V, 1 minute
Shock Resistance	Damage limits: 1,000 m/s ² (100G) Operating extremes: 100 m/s ² (10G)
Vibration Resistance	Damage limits: 30 Hz, amplitude 1.5 mm Operating extremes: 5 to 55 Hz, amplitude 0.5 mm
Life	LED lamps: Approx. 20,000 hours (Note1)
Degree of Protection	IP65
Terminal style	M3.5 screw

Note 1: The luminance reduces to 50% the initial intensity when used on complete DC.

Accessories

Accessory	Specifications	Type No.	Ordering Type No.	Package Quantity
Separate Mounting Type Transformer	100/110V AC	TWR512	TWR512	1
	200/220V AC	TWR522	TWR522	
	400/440V AC	TWR542	TWR542	
Locking Ring Wrench	Metal. Approx. 150 g	MW9Z-T1	MW9Z-T1	5
Lamp Holder Tool	Rubber	OR-55	OR-55	
Locking Ring	Plastic	HW9Z-LN	HW9Z-LNPN05	

- Separate mounting type transformer is used for LED illuminated pilot lights only.
- Separate mounting type transformer is supplied with a terminal cover.



Replacement Parts

• Lens

Shape	Material	Type No.
Jumbo Dome Lens	Polycarbonate	HW1A-P5 *
Diffusing Lens		HW9Z-PP5C

- Specify a lens color code in place of * : A: amber, G: green, R: red, S: blue, Y: yellow
- Diffusing lens is used for LED type only.

• LED Lamps (used for HW Jumbo Dome pilot lights only)

Rated Operating Voltage	Type No.	Illumination Color
24V AC/DC	LSTDB-2 *	Specify a color code in place of *. A: amber, G: green, R: red, S: blue, Y: yellow

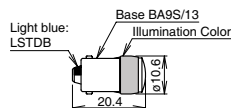
- Use amber (A) LED lamps for white (W) lenses.

Types

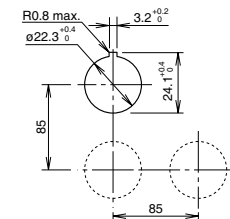
Shape	Lamp Type	Operating Voltage	Type No.	Lens Color
	LED	24V AC /DC	HW1P-5Q4 *	A:amber G:green R:red S:blue W:white Y:yellow

Dimensions

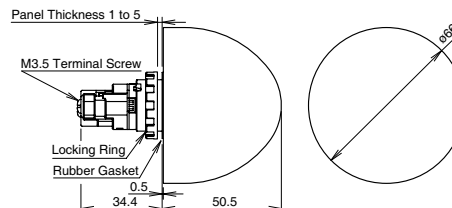
• LED Lamp LSTDB



Mounting Hole Layout



• Jumbo Dome Pilot Lights



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