

Model: YH-DD1

Internally Illuminated Recessed Pavement Marker (IIRPM)



Models shown above with and without optional backlight restricting inserts.

Operation Specifications		Lighting Specifications-Luminance (Lux)						
Charge Time	3 Hours/8 Hours cloudy	Model	Function	Color	Avg	Min	Max	Uniformity
Operating Time	16 Hours	YHDD1	Steady	Yellow	13.8	16.2	11.9	73%
Compressive Strength	239,000 N / 53,775 lbf			White	67.2	85.8	59.3	69%
Water Proof Rating	IP68			Red	22.3	22.8	21.2	93%
Operating Temperature	-40°F to 158°F			Green	75.4	89.3	63.4	71%
Dimensions (inches)	Ø 5.83" x 1.97"			Blue	1.2	1.4	1	76%
Weight (pounds)	2.23#	Functions: Steady, Slow Flashing, Fast Flashing						
		LED Direction: Uni-Directional (3 LEDs) or Bi-Directional (6 LEDs)						



Component Specifications		
Single Mono-Crystalline Solar Cell	Solar Module Size	82 x 82
	Solar Maximum Output Power	0.677W
	Solar Operating Current	2156mA
	Solar Voltage	3.15V
LED	LED Size	3528 CHIP LED + Ø10 LENS
	LED Current	20mA per each
	LED Operating Current	1.1 mA (3PCS), 6.6mW (6PCS)
	LED Voltage	3V
	LED Wattage	3.3 mW(3PCS), 6.6mW(6PCS)
	LED Quantities	3PCS / 6PCS
Pseudocapacitor	Pseudocapacitor	2.3V 120F
	Number of Semicapacitors	2PCS
Housing	Cover Lens (LG CHEM, 3025 AC WH) & Body (pijeyi Altec), ALDC12,1	
Electronic Controller	MAIN PCB (TOREX, Microchip), LED PCB	

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Check website for latest specifications as a result of continuous improvement

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