

Model: YH-DD1(B)

IIRPM (Internally Illuminated Recessed Pavement Marker)



Operation Specifications

Charge Time	3 Hours/8 Hours cloudy
Operating Time	16 Hours
Compressive Strength	239,000 N / 53,775 lbf
Water Proof Rating	IP68
Operating Temperature	-40°F to 158°F
Dimensions (inches)	Ø 5.83" x 1.97"
Weight (pounds)	2.23#

Lighting Specifications - Luminance (Lux)

Model	Function	Color	Avg	Min	Max	Uniformity
YHDD1(B)	Steady	Yellow	13.8	16.2	11.9	73%
		White	67.2	85.8	59.3	69%
		Red	22.3	22.8	21.2	93%
		Green	75.4	89.3	63.4	71%
		Blue	1.2	63.4	1	76%

Component Specifications

Component Specifications		YHDD1(B)
Single Mono-Crystalline Solar Cell	Solar Module Size	82 x 82mm
	Solar Maximum Output Power	0.677W
	Solar Operating Current	2156mA
	Solar Voltage	3.15V
LED	LED Size	3258 Chip LED + 10Ø Lens
	LED Current	20mA per each
	LED Operating Current	1.1mA (3pcs) / 6.6mW (6pcs)
	LED Voltage	3V
	LED Wattage	3.3mW (3pcs) / 6.6mW (6pcs)
	LED Quantities	3 pcs / 6 pcs
Pseudocapacitor	Pseudocapacitor	2.3V 120F
	Number of Semicapacitors	2 pcs
Materials of Construction		Lens: (Sabic Lexan UV stabilized) Housing: (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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