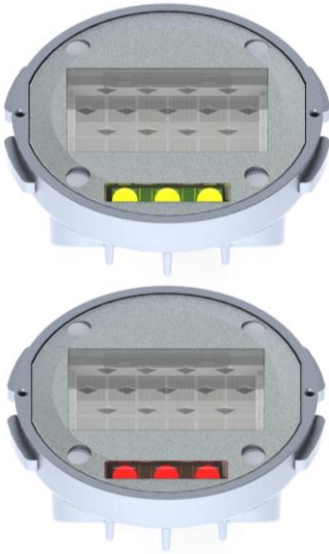


# Model: YH-DD2

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
YHDD1(B)	Steady	Yellow	24	22	27
		White	138	101	147
		Red	48	41	53
		Green	91	84	95
		Blue	118	87	140

## Component Specifications

Component Specifications		YHDD2
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: (UV Protected High Density Polycarbonate) Housing: (Cast Aluminum)
Electronic Controller		MAIN PCB, LED PCB



Note: Discharge performance is determined by the quality/time of the charge cycle and may vary by season and position of the light. Test before permanent installation.

SolaRight Lighting, LLC-5600 N May, #100 Oklahoma City, OK 73013

[www.solaright.com](http://www.solaright.com)

Check website for latest specifications as a result of continuous improvement

**SOLARIGHT**  
WIRELESS LIGHTING