

YH Series DD1 Road Marker

Product Number and Description

Item 1891 YH-DD1 Solar Road Stud

Dimensions and Weight

Size: \varnothing 140 mm x 50 mm Weight: 950 g

Physical Properties

Modulus of Rupture:	278 kgf/cm ²	
Compressive Strength:	31.3 kgf/cm ²	
Breaking Load:	3,981 kgf	
Water Proof:	IP68	Operating Time: 12+ hours
Operating Temperature:	-40°C to +70°C	Charging Time: 3 hrs. (sunny)
Onset Point:	150 – 350 LUX	8 hrs. (cloudy)



Basic Components & Lighting Properties

Single Crystalline Solar Cell	Solar Maximum Output Power Solar Operating Current Solar Voltage	0.447W 150mA 2.98V
LED	LED Quantity & Size LED Current & Operating Current LED Voltage LED Wattage	6 Units @ \varnothing 10 (3.2V/20mA) 20mA/each & 1.1mA/each 3.0V 0.019W
Pseudocapacitor	Pseudocapacitor Number of Pseudocapacitors	2.3V 120F 2 Units
Cast Aluminum Housing		
Electronic Controller		

Color	STEADY Luminance (Lux)			FLASHING Luminance (Lux)		
	Avg.	Min.	Max.	Avg.	Min.	Max.
Blue	27.6	22.7	32.5	28.9	23.2	34.5
Green	19.0	13.4	24.5	31.0	23.0	39.0
Red	19.0	14.5	23.4	23.8	18.8	28.7
White	37.4	22.7	52.1	38.9	23.7	54.0
Yellow	10.9	7.6	14.2	13.2	9.8	16.5

NST Series Color Options

