

Project:
Quantity:
Notes:
Type



Models shown above with and without optional backlight restricting inserts.

Performance

Charge Time	3 hrs/8 hrs Cloudy
Operating Time	16+ Hours
Compressive Strength	239,000 N / 53,775 lbf
Cycles (Days)	100,000
Expected Life	10+ yrs

General

Warranty	3 Year Full Replacement
Lens Construction	UV Stabilized Polycarbonate
Housing	380 Cast Aluminum
Water Proof Rating	IP68
Operating Temperature	-13°F to 158°F
Dimensions (in)	Ø 6.02" x 2.09"
Weight (lbs)	2.23#



Color	Ultra Bright Lux	Standard Lux
Red	55	16
Green	196	64
Blue	6.9	1.4
Yellow	30	12
White	195	66

Component Specifications

Single Mono-Crystalline Solar Cell	Solar Module Size	82 x 82
	Solar Maximum Output Power	0.693W
	Solar Operating Current	140mA
	Solar Voltage	4.95V
LED	LED Size	3528 Chip LED + Ø10 Lens
	LED Current	20mA per each
	LED Operating Current	10mA (3PCS), 20mA (6PCS)
	LED Voltage	3V
	LED Wattage	30 mW (3PCS), 60mW (6PCS)
	LED Quantities	3 pcs / 6 pcs
Ultra Bright Model Standard Model	Lithium ion battery Pseudocapacitor	3.7V, 2,600mA 2.3V 120F

How to specify:

Brightness	Model	Backlight	Function	Color	Solar Module
<input type="checkbox"/> (U) Ultra Bright <input type="checkbox"/> () Standard Brightness	<input type="checkbox"/> YHDD1	<input type="checkbox"/> (B) Backlight Protected <input type="checkbox"/> () Standard	<input type="checkbox"/> (S) Steady <input type="checkbox"/> (SF) Slow Flashing	<input type="checkbox"/> R-Red <input type="checkbox"/> G-Green <input type="checkbox"/> B-Blue <input type="checkbox"/> Y-Yellow <input type="checkbox"/> W-White	<input type="checkbox"/> (R) Field Serviceable <input type="checkbox"/> () Standard

Example: U-YHDD1-B-S-YY-R
Ultrabright YHDD1 Backlight Protected Steady Yellow
Bi-Direction with Field Serviceable Module