

SPECIFICATION:

PRODUCT DESCRIPTION: VISION SYN OFF GRID LIGHTING SOLUTION
 AVAILABLE IN ILLUMINATED ROUND EL CONFIGURATIONS
PRODUCT CODE: VIS/SYN-NANO/OGS(LIGHTING DESIGN CODE)
PART NO.: VIS/SYN-NANO65S6L

MATERIALS:

RECYCLED BIOPLASTIC BODY / ALUMINIUM / PMMA ACRYLIC

INGRESS PROTECTION IP65 (SOLAR HOUSING & LUMINAIRE)

IMPACT RATING: IK10

WEIGHT: 18KG (INCLUDING SPIGOT)

WIND FACTOR: 0.56

SPIGOT SIZES: 60mm/76mm/89mm/110mm/165mm/Mid Pole

LED ARRAY DETAILS:

NOMINAL OUTPUT: 6W
 LUMEN OUTPUT: 1000Lm
 LUMEN EFFICACY: 166Lm/W*
 COLOUR TEMPERATURE: 5000K
 LED QUANTITY: 100LED
 LED MODEL: SAMSUNG

LM80/TM21 DATA
 L90: 54,000HRS
 L80: 60,000HRS
 L70: 70,000HRS

FAIL RATE (By): 70,000HRS
 CRI: 75+
 CRI SHIFT/LIFE: 0.02

ROUND EL GRAPHICS:



SOLAR ARRAY DETAILS:

SOLAR CAPACITY (RMS): 65W
 SOLAR EFFICIENCY: 22.5%
 SOLAR VOLTAGE: 12V

SOLAR CURRENT: 2.78A
 TYPE: MONO

BATTERY CAPACITY: 20AH
 BATTERY VOLTAGE: 12V
 BATTERY OPTIONS: TITANVOLT LTO

CHARGE RATE: 3C*
 CYCLES: 20,000*
 LIFESPAN: 30 YEARS*

MPPT CONTROLLER: SRNE DM120
 PECU: COMMS/MPPT
 DIMMING PROTOCOL: DASHBOARD/REMOTE
 MPPT VOLTAGE: 12V
 EFFICACY: 0.92

WARRANTY DETAILS:

5 YEAR FULL SYSTEM WARRANTY
 20 YEAR BATTERY PERFORMANCE WARRANTY
 WARRANTY EXTENSIONS AVAILABLE

ACCREDITATION:

CE - ROHS - UKCA
 ENEC - TUV SUD - REACH

