

SPECIFICATION:

PRODUCT DESCRIPTION: VISION NANO OFF GRID LIGHTING SOLUTION
AVAILABLE IN ROAD/STREET, SIGN/CROSSING & ILLUMINATED ROUNDEL
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: 22KG (INCLUDING SPIGOT)

WIND FACTOR: 0.56

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

LED ARRAY DETAILS:

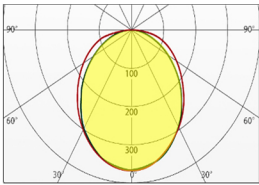
NOMINAL OUTPUT: 2-12W
LUMEN OUTPUT: 440-2,2200Lm
LUMEN EFFICACY: 220Lm/W*
COLOUR TEMPERATURE: 3000-4000K
LED QUANTITY: 6-12LED
LED MODEL: LuxeOn Rebel 5050

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

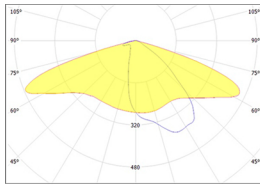
FAIL RATE (By): 70,000HRS
CRI: 75+
CRI SHIFT/LIFE: 0.02

OPTICS:

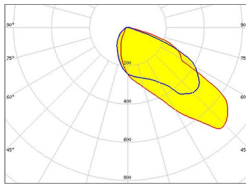
SIGN LIGHT - (G6)



MEC - (G6)



CROSSING - (G6)



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

