

LUMINAIRE:

MODEL: Valinat II LKD
 PART NO.: LKD-VAL-(Lighting Design Code)
 DESCRIPTION: Valiant LKD LED Road Luminaire

MATERIALS:
 LM6 CAST ALUMINIUM
 PMMA ACRYLIC OPTIC
 BZP STEEL FASTENERS

INGRESS PROTECTION: IP67
 IMPACT RATING: IK10
 WEIGHT: 9.0KG
 WIND FACTOR: 0.07

SPIGOT SIZE: 76MM (Post Top) 42MM (Side Entry)
 SPIGOT FIXING: 4 x M8 STEEL HELI-COIL THREADED INSERTS
 SPIGOT RANGE: Post Top $\leq 15^\circ$, Side Entry $\leq 15^\circ$



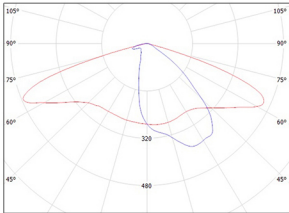
MODEL RANGE:

NOMINAL WATTAGE: 108w - 165w
 LUMEN OUTPUT*: 16416Lm - 25080Lm
 LUMEN EFFICACY*: 152Lm/W

*Dependent on Colour Temperature, drive current & LED quantity

LED QUANTITY: 54LED - 90LED

COLOUR TEMPERATURE: 3300K - 5000K
 OPTICS:
 MEC-(GLARE-G6)



FINISH:
 AZKO NOBEL INTERPON D2525 STRUCTURA
 ML450E* (as standard)

*Any RAL finish available
 *Other Optics Available from LEDiL Inc.

ELECTRICAL DATA:

INPUT VOLTAGE: 100-277VAC (85-305)
 OUTPUT VOLTAGE: 77-149V
 OPERATING FREQUENCY: 50-60HZ

SURGE PROTECTION: 10KVA
 FUSED PROTECTION: 2 X 6.3A
 OVERVOLTAGE RATING: 500V

INTERNAL CABLE: 1MM HEV 500V
 DRIVER OPTIONS: 0-10V, DALI, CLO, NON DIMMING

LIFESPAN CHARACTERISTICS*:

LM80/TM21 DATA:

L90: 106,000HRS
 L80: 122,000HRS
 L70: 148,000HRS

*test based on various CCT range of XPE R3 LED's mounted in 25 x Valiant Luminaires. Test conducted at 25 °C ambient with Inventronics Driver preset at 1000MA, LED junction temperature recorded at 105 °C. Test duration was for a total of 20,600 hours & no failures were recorded during testing.

FAILURE RATE:

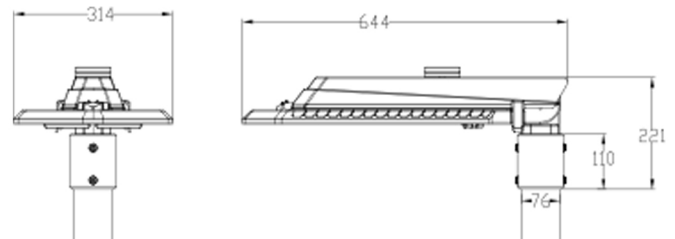
B10: 120,000HRS

LED DATA:

LED MODEL: SP-PHILIPS LuxeOn REBEL 5050
 MEC-PHILIPS LuxeOn REBEL 5050

CRI: 80+
 CRI SHIFT OVER LIFE: 2%

DIMENSIONS:



ACCREDITATION:

CE CERTIFICATION
 ROHS CERTIFICATION
 REACH
 LIAQA
 ENEC