

# ARIES LED: SIGNLIGHT SPECIFICATION



## LUMINAIRE:

MODEL: Aries LED

PART NO: LKD-ARI-33030SPU10SS12

DESCRIPTION: Aries Unidirectional Sign Light

## MATERIALS:

ROTARY MOULDED PLASTIC

PMMA OPTIC

GLASS // ALUMINIUM COMPONENTS

BZP STEEL FASTENERS

INGRESS PROTECTION: IP67

IMPACT RATING: IK10

WEIGHT: 2.5KG

SPIGOT SIZE: 76MM (Post Top) / Mid Post Clamp Mountable

SPIGOT FIXING: 2 X M8 GRUB SCREW

## MODEL RANGE:

NOMINAL WATTAGE: 3-6w (Single Fitting)

LUMEN OUTPUT\*: 456-912Lm

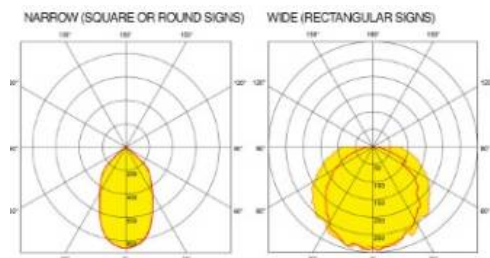
LUMEN EFFICACY\*: 152Lm/W

\*Dependent on Colour Temperature, drive current & LED quantity

LED QUANTITY: 4-6LED

COLOUR TEMPREATURE: 4200K

## OPTICS:



## ELECTRICAL DATA (FROM RECOMMENDED LAMP):

INPUT VOLTAGE: 210-305VAC (85-305)

OUTPUT VOLTAGE: 30-44

OPERATING FREQUENCY: 50-60HZ

SURGE PROTECTION: 3KVA

OVERVOLTAGE PROTECTION: 500V

INTERNAL CABLE: 0.5MM HEV 500V

DRIVER OPTIONS: MEANWELL Inc.



## LIFESPAN CHARACTERISTICS\*:

LM80/TM21 DATA:

L90: 92,000HRS

L80: 104,000HRS

L70: 120,000HRS

\*test based on various CCT range of Specified Light Engines mounted in 100 x Enclosed ARIES LED Arrays. Test conducted at 25 degrees Celsius, LED junction temp recorded at 85 degrees Celsius. Test duration was for a total of 12,000 hours & no failures were recorded during testing. \*see Manufacturers website for more information.

FAILURE DATE:

F10: 100,000HRS

## LED DATA:

LAMP MODEL: ARIES PC8 c/w PHILLIPS 5050 CRI 80+

CRI SHIFT OVER LIFE 2%

## ACCREDITATION:

CE CERTIFICATION

ROHS CERTIFICATIN

REACH

LIAQA

- Our Aries sign lighting is rotary moulded from recycled plastic, which can also be fully recycled at the end of its extremely long life, making our Aries sign lighting a truly green solution. The sign lights also do not suffer from corrosion on the joints in the same manner as normal sign lights
- Our sign lights far exceed the IK10 specifications, making our sign lighting vandal proof and perfect for city wide and coastal deployment.
- The sign lights do not require powder coating, allowing our Aries sign lights to maintain their appearance throughout their very long lifetime. This also minimises the cost of manufacturing, making them extremely attractive commercially.