Typical Applications
• 12v Obstruction Light (LIO L A)

Major Benefits
• 5.4km visible range (flashing)
• 12v
• ICAO Compliant AV10 12v Obstruction Light (LIO L A)
• Ultra-high intensity LEDs (no changing globes ever)

The AV10 low intensity LED obstruction light complies with ICAO requirements for obstructions whereby the height does not exceed 45m, and is also suitable for a range of marker lighting applications.

The light uses 20 ultra-high intensity LEDs as a light source and has a visible range of 5.4km. In addition, the AV10 uses the 360 degree LED Reflector (U.S. Pat. No. 6,667,582. AU Pat. No. 778,918) which increases the intensity and uniformity of the horizontal output.

Housed in a 7-stage powder-coated cast aluminum case, the AV10 will provide years of zero-maintenance service, and is available 12v (standard), 24v or 48v.

SPECIAL PRICING: $150 EACH

Only 9 fixtures are available at this special price. (Model #: SL-AV10-24R)

AV10
LED Obstruction Light
Avlite

SPECIFICATIONS •

Light Characteristics
Light Source
20 ultra-high intensity LEDs
Available Colours
Red (other colours available)
Peak Intensity (cd)
>25 flashing, >10 fixed-on
Visible Range (nm)
>3 flashing, >2 fixed-on
Horizontal Output (degrees)
360
Vertical Divergence (degrees)
0 to +10
Reflector Type
Omnidirectional 360° LED Reflector (US Pat. No. 6,667,582. AU Pat. No. 778,918)
Available Flash Characteristics
>250 including fixed-on (user-adjustable)
Intensity Adjustments
Adjustable in 25% increments
LED Life Expectancy (hours)
>100,000

Electrical Characteristics
Current Draw (mA)
180
Circuit Protection
Integrated
Operating Voltage (v)
12
Temperature Range
-40 to 80 °C

Physical Characteristics
Body Material
7-stage powder-coated aluminum
Lens Material
LEXAN® Polycarbonate – UV stabilized
1.497 / 41/4
Lens Design
External optics with interior flute design
Mounting
50mm OD pole
Height (mm/inches)
176 / 67/8
Width (mm/inches)
172 / 6 3/8
Mass (kg/lbs)
1.6 / 3 3/8
Product Life Expectancy
Up to 12 years

Certifications
CE
Quality Assurance
EN61000-6-3:1997, EN61000-6-1:1997
ISO9001:2000

Intellectual Property
Patents
US Pat. No. 6,667,582. AU Pat. No. 778,918
Trademarks
AVLITE® is a registered trademark of Avlite Systems

Warranty
Full 3 year warranty

Options Available
• GPS synchronization
• Additional cable
• Hardwired synchronization
• Other LED colours to suit different applications
• 24v or 48v operating voltages
• IR

* Specifications subject to change or variation without notice

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