



Technical Data

January 2011

Astra ARL 4x8 Watts



Description:

High Output Led Luminaires , this low consumption fitting is designed for intensive use in public and private spaces.

Housing:

Manufactured in enameled sheet steel , cold formed , painted with epoxy polyester powder coating electro statically applied and cured at 180 degrees Centigrade.

Protection degree: IP 20

Color: Glossy white

Mounting:

Lay on fitting , recessed in false ceiling. Opening 60 cm x 60 cm

LED: Characteristics

Number of light emitted diode: 4

Semiconductor : Indium Gallium

Life Span: 50 000 hours (Nominal use conditions)

Led compliance: UL listed, RoHS.

Cooling system: Double Alfa Heat Sink made with alumium sheets , surface heat transfer $S > 80 \text{ cm}^2$ per watts (European Patent Pending) this fitting is intended to be intensively used in hot and cool countries.

Ambient working temperatures: from -40 degrees up to +40 degrees.

special heat sinks are manufactured for warmer temperatures upon special request.

Working heat sink temperature: Max.60 degree C.

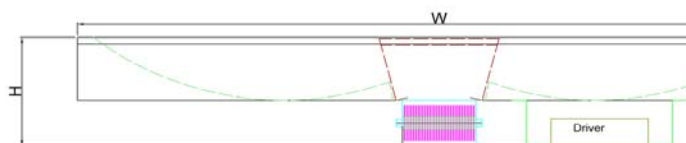
Working Led temperature: Max 70 degree

Optical Diffuser:

Bright aluminium reflector: High Grade Aluminium Reflector is integrated in the fitting to meet CAT 2 requirements and to eliminate light pollution.

Fitting dimensions

	Led power	Dimension
ALR 4X8	4X8W	59.5cm x 59.5cm



Technical characteristics:

Nominal Power: 32 Watts

Working Power: 36 Watts

Input AC 110-240 Volts / 50-60 Hz

Constant current driver specifications: forward voltage 50.8 volts-700 mA

Luminous flux : 3500 lumens

Output light angle: 105 degree

Light color temperature : from 5000/7000 K or 2700/3300 or request

color rendering index: 80 % or 90% on request

Country of origin

LED: United states of America

Driver : United sates (T. R. or H.P. Taiwan)

Heat Sink: Lebanon

Compliance: CE , EN 60598

Packing:

Each fitting is packed in one carton box.

Box Dimension: 63 x 63 x 12 cm

Gross Weight: 6 Kg

www.astralux.com

Astra Commitment***Environmental compliance**

Astra LED products are compliant to the European Union directives on the restriction of hazardous substances in electronics equipment.

Astra will not intentionally use Led with the following restricted material: Lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE)

