



TECHNICAL SPECIFICATION

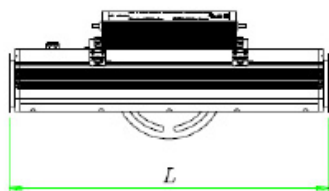
Light source	High brightness LED
Color rendering index	> 70
Luminaire luminous flux	4200lm
Power consumption	up to 50W
Power factor	>0.9
Operation temperature	-30°C ~ 50°C
LPW@Tj25°C	84 lm/w (6000K)
Light distribution pattern	as customer requests
Long lifetime LED	> 50,000 hours

IP Degree

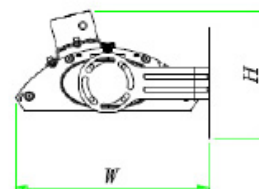
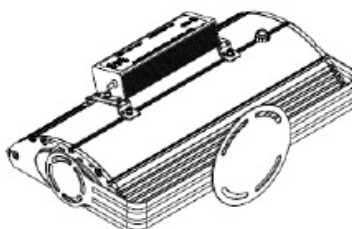
IP 67

No UV or IR light radiation
Special batwing and bisymmetrical light pattern.
Optimized heat fins with artistic design
110V/240V input Voltage

FEATURE & DIMENSION



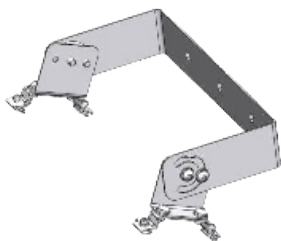
Min. 320 mm
Max. 321 mm



Min. 200 mm
Max. 201 mm

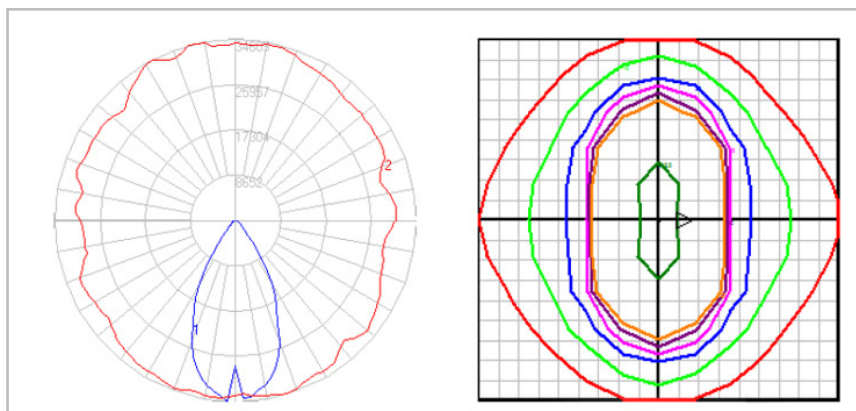
Min. 259 mm
Max. 261 mm

ARM TYPE



[APO - 05 - B]

PHOTOMETRIC CHARACTERISTIC

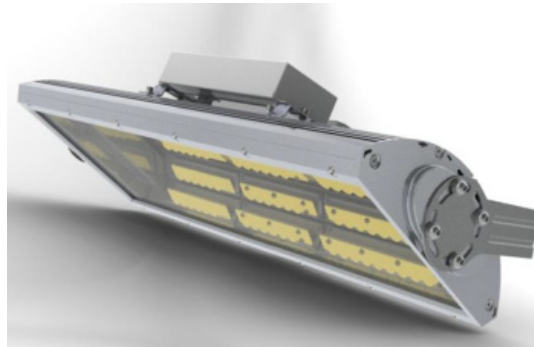


Light distribution pattern

Illuminance iso-line



APPLICATION



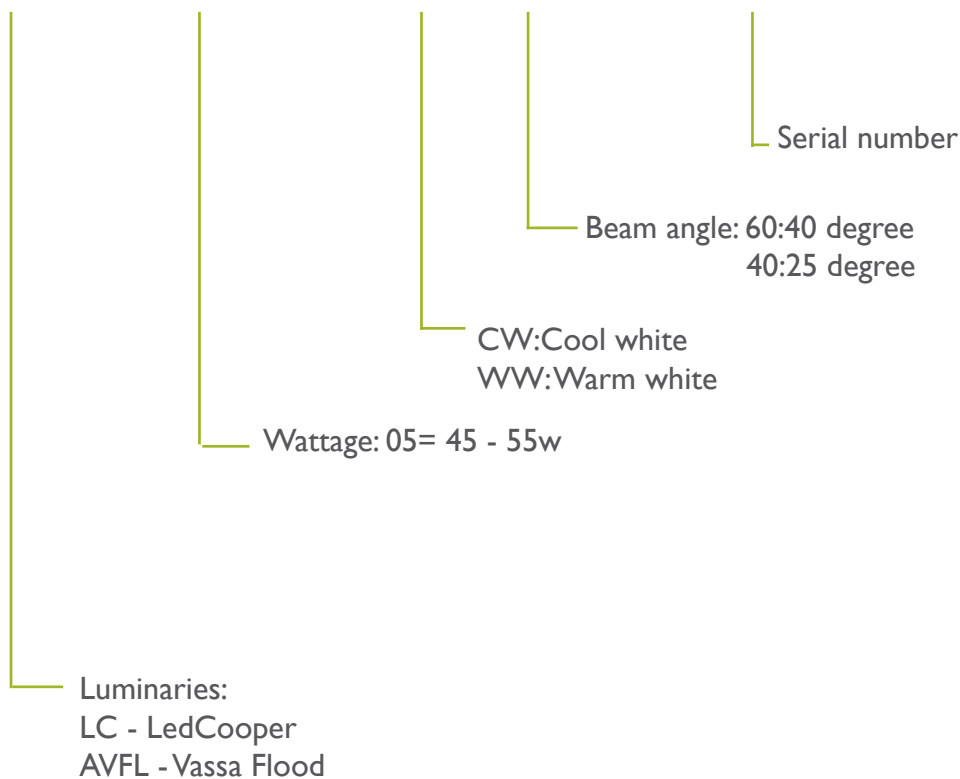
By replacing the existing light such as sodium lamps(30W, 70W) with LED guard light, Vaasa, 50% energy saving and fivefold increased lifespan are achieved.

Application

- Public roadways
- City Streets
- Parks
- Walkways
- Car Parks

PRODUCT NUMBER

LCAVFL 05 CW 60 - 01



VAASA FLOOD 50W

Code: LCAVFL1-50W



CERTIFICATIONS

INTERNATIONAL

TUV
INTERNET

ATTESTATION

Attestation No. 09 PELCE 00004/03TIC

ATTESTATION OF CONFORMITY

WE HEREBY DECLARE THAT THE PRODUCT

LED STREET LIGHT

RATED:
INPUT (70W) : AC230-240V, 50/60Hz
OUTPUT (50W) : 120/277V, 50/60Hz, 4A
OUTPUT 2 : DC24V, 4.1A, 100W

MODEL:
Maalestrom

APPLICANT:
AMO Co., Ltd.

#185-1, Sucham-ri, Tongjin-eup, Gimpo-si, Kyonggi, Korea

IS IN COMPLIANCE WITH THE REQUIREMENTS OF THE STANDARDS

EN 55015:2006
EN 61547:1995+A1:2000
EN 61000-3-3:1995+A1:2001+A2:2005

AS RESULT OF THE TEST IN OUR APPOINTED LABORATORY

ERI (EMC RESEARCH INSTITUTE)

CE

Model: This attestation of conformity is issued according to the evaluation of the product samples and it does not affect the conformity of the production afterwards. The holder can use this attestation with the CE mark of conformity and the mark of conformity of all a category mark of TUV INTERCERT. This CE marking can be used on the product if the necessary technical documentation for all the relevant procedures and standards is prepared with the required Declaration of conformity.

TUV
INTERNET

An Street Bogen 2, D-93227 Bam., 01.10.2008

TUV

EC Declaration of Conformity

Ref No.: SLB-10-0255

Product: LED Lamp

Model(s): SODIX RW

Manufacturer: AMOLUXE CO., LTD.

(Factory): 579-10, Manho-Ri, Posong-Eup, Pyeongtaek-Si, Gyeonggi-Do, KOREA

Harmonized Standard: EN 60968:1999 + A1:1993 + A2:1999 used in conjunction with EN 60061-1:1993 for the lamp cap EN 61347-2-13:2006 for the equipped control gear

We herewith declare,

that this above product complies with the appropriate basic safety and health requirements of the EC Directive based on its design and type, as though into circulation by us. In case of alteration of this equipment, not agreed upon by us, this declaration will become invalid.

Date: March 15, 2010

according to
Low Voltage Directive 2006/95/EC

CE

Signature: *Xin Ji Chang / President*

CE

UL the standard in safety

File: E89732 Vol 1

Issue: 2010-11-05
Revision: 2010-11-05

POWER-UP SERVICE PROGRAM
TYPE 13

LIGHT-EMITTING-DIODE STREET-LIGHTS LUMINAIRE
(LUM, LUM)

Manufacturer: AMOLUXE CO LTD
(100793-182) 185-1, 201, 303, 401-41
JONGSAE-RO, POSONG-EUP, PYEONGTAEK-SI, GYEONGGI-DO, KOREA

Model(s): AMOLUXE CO LTD
(130531-648) 17-2, JONGSAE-RO, POSONG-EUP, PYEONGTAEK-SI, GYEONGGI-DO, KOREA

(LUM): SODIX RW
(130531-648) SODIX RW

This Procedure authorizes the above manufacturer to use the marking specified by Underwriters Laboratories Inc. (UL) or any authorized licensee of UL only on products covered by this Procedure, in accordance with the applicable UL Safety Agreement.

The prescribed Mark or Marking shall be used only at the above manufacturing location in such products which comply with this procedure and any other applicable requirements.

The Procedure contains information for the use of the above name Manufacturer and representatives of Underwriters Laboratories, Inc. and it not to be used for any other purpose. It is left to the Manufacturer with the understanding that it is not to be used, unless clearly so in part, and that it will be returned to UNDERWRITERS LABORATORIES, INC. (UL) or any authorized licensee of UL, upon request.

THE PROCEDURE, and any subsequent revision, is the property of Underwriters Laboratories, Inc. (UL) and the authorized licensee of UL and is not transferable.

Underwriters Laboratories, Inc.

Signature: *William R. Carney*

Signature: *William R. Carney*

William R. Carney
President
Underwriters Laboratories, Inc.

UL

NATIONAL

CERTIFICADO DE APROBACION DE TIPO

E-008-01-17675

Autorizado por la Superintendencia de Electricidad y Combustibles, según Resolución Ejecutiva N° 958, de fecha 01 de Abril de 2011.

N° Certificado SEC: 42749

Fecha de Emisión del Certificado: 27/03/2012

N° y Fecha de Solicitud de Certificación: E-008-01-27775 de fecha 10/04/2012

Proceso de Análisis y Emisión: PR N° 507

Normas Técnicas de Certificación: IEC 60598-2-2:2002; IEC 60598-1:2006; IEC 60529:2001

Nombre del Solicitante de Certificación: SERVICIO DE INGENIERIA Y OBRAS/CONSTRUCCIONES SINTAC S.A.

Dirección del Solicitante: Avenida Mac Iñan, Providencia - Santiago

Declaración de Ingreso al Sistema Nacional de Aduana (SNA): No aplica

1- IDENTIFICACION DEL PRODUCTO

1.1 Descripción Técnica del Producto: Luminaria para alumbrado público

1.2 Distribución Comercial del Producto: AMOLUXE

1.3 Marca: Maalestrom

1.4 Modelo o Tipo: 220-240V-230/60Hz / Class I / IP 67

1.5 Características Técnicas: 1.5.1 Potencia nominal: 150W

1.5.2 Fuente de luz: Módulos LED

1.5.3 Modo de instalación: Sobre un trazo de una columna o poste

1.5.4 Altura de montaje: Mín. 4m - Máx. 11m

1.6 Identificación y Traceabilidad: SVA/AMOLUXE

1.7 País de origen: COREA

1.8 Proveniencia: COREA

1.9 Termino de la muestra: 1 unidad

1.10 Nombre del Fabricante: AMOLUXE

1.11 Dirección del Fabricante: 17-2 Jamsil-Dong Seocho-Gu, Seoul, Korea

2- OTROS ANTECEDENTES

2.1 Nombre del Laboratorio donde se ejecutaron los ensayos: CESMEC S.A.

2.2 N° de informe de ensayo: SCE-2010P

NOTARIA EDUARDO AVELLO O. C. EN COMISIÓN POR EL TRIBUNAL DE LA JUSTICIA Y DE DEFENSA AL TRIBUNAL

DUPLICACION NOTARIAL AL DOSSIER

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CESMEC (1 DE 2)

CERTIFICADO DE APROBACION DE TIPO

E-008-01-17675

3- USOS DEL PRODUCTO

3.1 Clasificación según las condiciones de empleo (uso): Para iluminación exterior pública normal

3.2 Clasificación según el material de la superficie de apoyo, para la que está prevista la Luminaria: Luminaria fija adecuada para el montaje solo sobre superficies incombustibles no inflamables.

4- APROBACION Y VIGENCIA

En atención a los resultados obtenidos en los ensayos y pruebas efectuadas, se otorga el presente Certificado de Tipo, de acuerdo a las disposiciones legales, reglamentarias y normativas vigentes.

NOTARIA EDUARDO AVELLO O. C. EN COMISIÓN POR EL TRIBUNAL DE LA JUSTICIA Y DE DEFENSA AL TRIBUNAL

DUPLICACION NOTARIAL AL DOSSIER

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CESMEC (2 DE 2)