



TECHNICAL SPECIFICATION

Light source	High brightness LED
Color rendering index	> 70
Luminaire luminous flux	6100lm [average]
Power consumption	up to 70W
Power factor	0.95
Operation temperature	-30°C ~ 50°C
LPW@Tj25°C	87 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

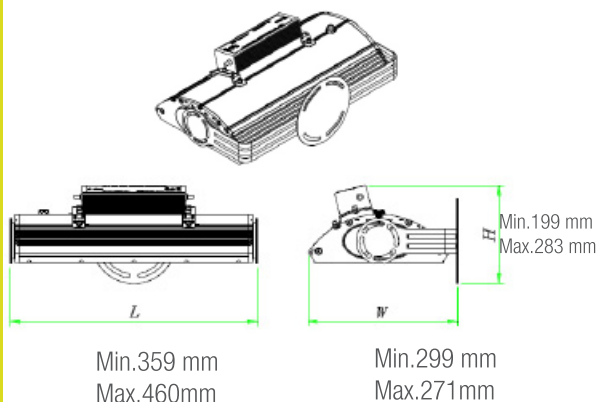
FEATURE & DIMENSION

ANTI - CORROSIVE

Aluminum Alloy , Chromating + Power coating and special coating on electrical circuit board High resistance to corrosive gas.

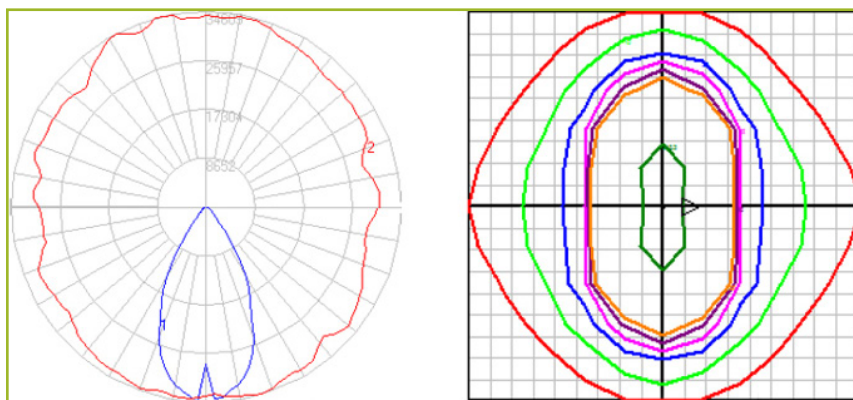
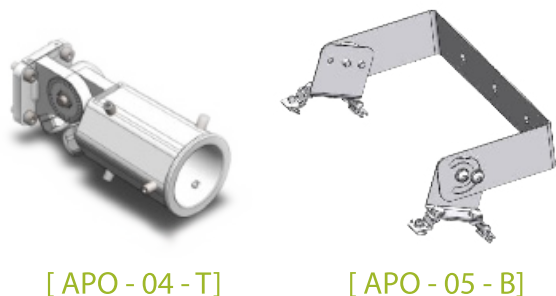
SPECIAL ANTI-CORROSIVE TREATMENT (CHROMATING AND POWER COATING) ON ALUMINUM SURFACE.

TIGHT CEILING OF LAMP INSIDE TO PREVENT POSSIBLE CONTAMINATION AND CORROSION OF ELECTRICAL CIRCUIT OF THE LAMPS.



ARM TYPE

PHOTOMETRIC CHARACTERISTIC



Light distribution pattern

Illuminance iso-line



APPLICATION



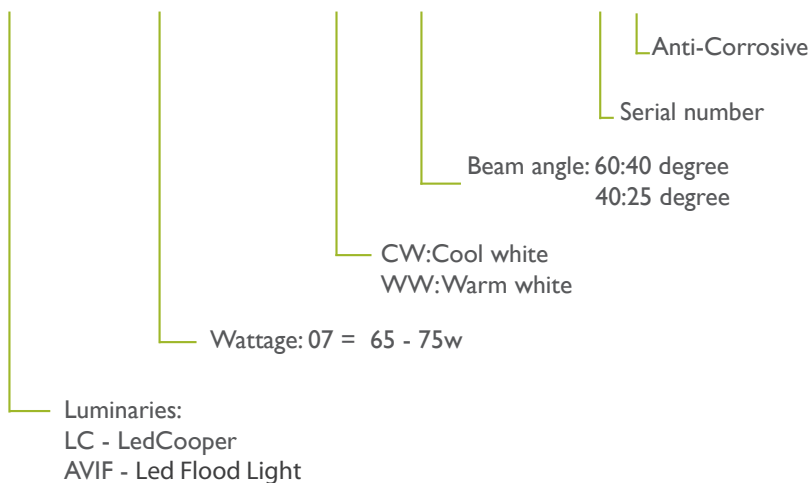
Be replacing the existing light such as sodium lamps(30W, 70W) with LED guard light, AVIF, 50% energy saving and fivefold increased lifespan are achieved.

Application

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

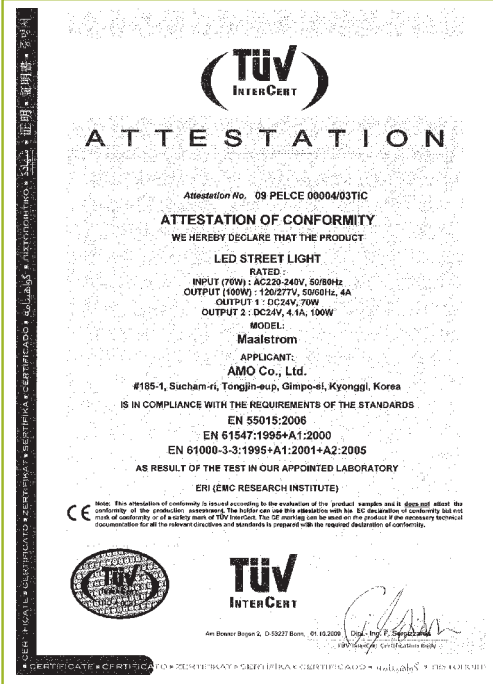
PRODUCT NUMBER

LCAVIF 07 CW 60 - 01 AC



CERTIFICATIONS

INTERNATIONAL



TUV 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 (100W) : 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

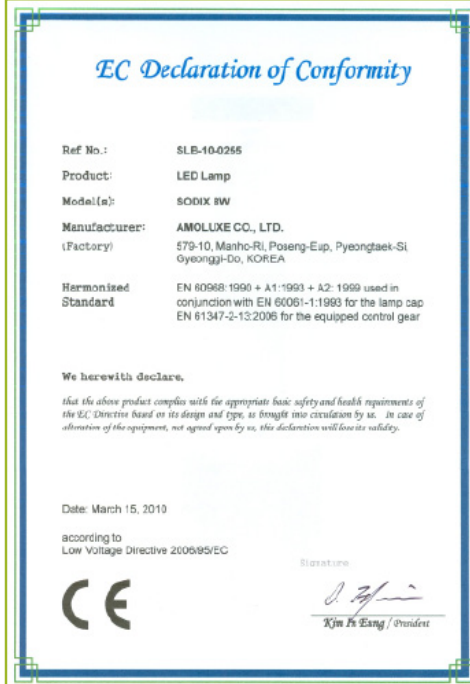
AS RESULT OF THE TEST IN OUR APPOINTED LABORATORY

ERI (EMC RESEARCH INSTITUTE)

CE

TUV INTERCERT

TUV



EC Declaration of Conformity

Ref No.: SLB-1040255

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

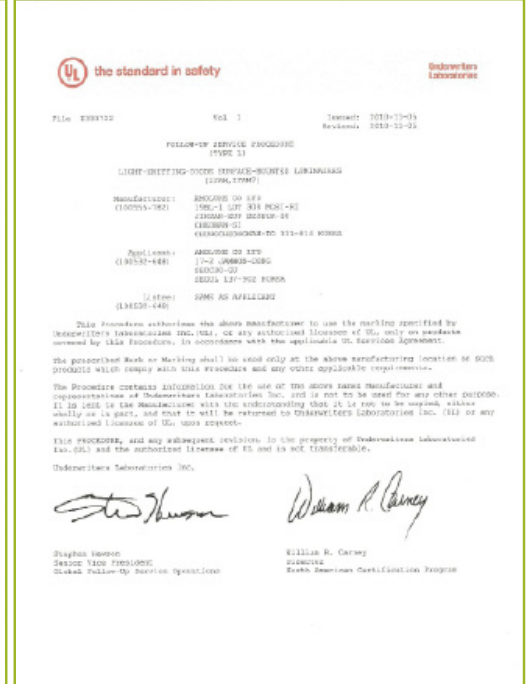
Date: March 15, 2010

according to Low Voltage Directive 2006/95/EC

CE

Signature: *Xin Ji Jiang / President*

CE



UL the standard in safety

File: 899732 Vol 1

Issue: 2010-11-05

Revision: 2003-02-05

Product: LED STREET LIGHT

Manufacturer: AMOLUXE CO. LTD.

Address: 579-10, Manho-Ri, Posong-Eup, Pyeongtaek-Si, Gyeonggi-Do, KOREA

This Proceedure certifies that the above manufacturer to use the marking specified by Underwriters Laboratories Inc., Ltd. or any authorized licensee of UL only in products covered by this Proceedure, 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 Proceedure and any other applicable requirements.

The Proceedure contains information for the use of the above name Manufacturer and representatives of Underwriters Laboratories, Inc. and is not to be used for any other purpose. It is used in the Manufacture with the understanding that it is not to be copied, altered, added to or in part, and that it will be returned to UNDERWRITERS LABORATORIES, INC. in its or any authorized licensee of UL, upon request.

This Proceedure, 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: *Stephen Hanson*

Stephen Hanson
Senior Vice President
Global Safety & Service Operations

William R. Carney
President
North American Certification Program

UL

NATIONAL



CERTIFICADO DE APROBACION DE TIPO

E-008-01-17675

Notificado por la Superintendencia de Fidejueses y Contrataciones, según Resolución Interna N° 985, 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 19/04/2012

Procedimiento de Análisis y Emisión: PR N° 5007

Normas Técnicas de Certificación: IEC 60569-2:2002; IEC 60069-1:2006; IEC 60529:2001

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

Dirección del Solicitante: Avenida Luz 1760, 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: 100W

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/o 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

NOTA: ELABORADO AUSENTE DE LA PRESENCIA DEL PRODUCTO EN EL MOMENTO DE LA EMISION DEL CERTIFICADO, POR LO QUE SE EMITE LA DECISION DE APROBACION SIN LA AYUDA DE UN MUESTRO AL DOSSIER

CE-2010P

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.

NOTA: CUANDO AUSENTE O, COMPROBADA LA MARCA, REVISAR LA MARCA REGISTRADA, ENTREGADA CON EL MUESTRO Y SER DEVUELTA AL DOSSIER

Signature: *David B...*

Signature: *...*

CE-2010P

CESMEC (2 DE 2)