



# VAASA FLOOD 30W

Code: LCAVFL1-30W



## TECHNICAL SPECIFICATION

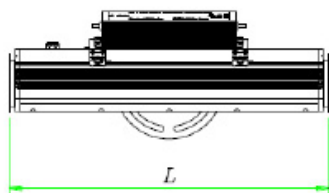
Light source	High brightness LED
Color rendering index	> 70
Luminaire luminous flux	2900lm
Power consumption	up to 30W
Power factor	>0.9
Operation temperature	-30°C ~ 50°C
LPW@Tj25°C	97 lm/w (6000K)
Light distribution pattern	as customer requests
Long lifetime LED	> 50,000 hours

### IP Degree

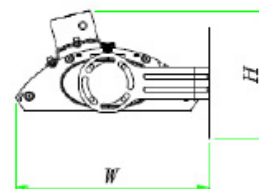
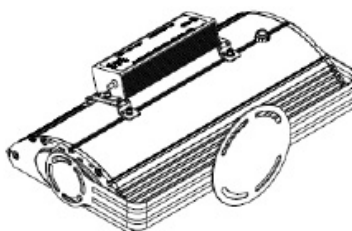
**IP 67**

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

## FEATURE & DIMENSION



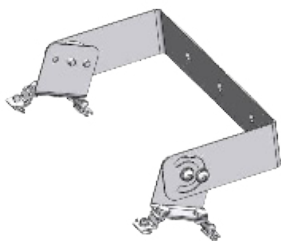
Min. 320 mm  
Max. 321 mm



Min. 200 mm  
Max. 201 mm

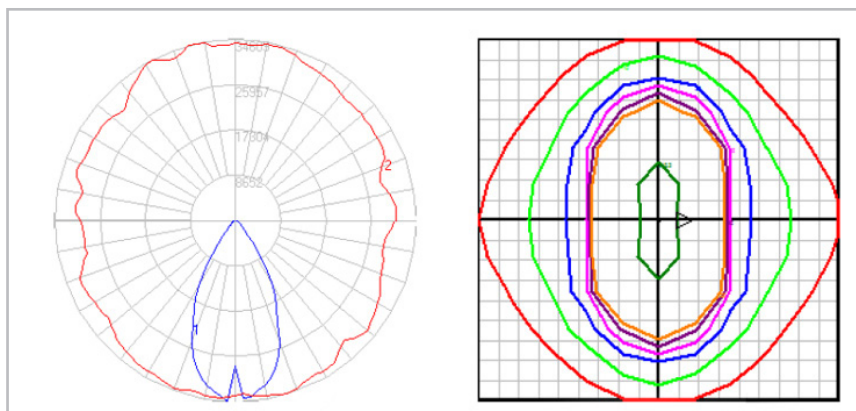
Min. 259 mm  
Max. 261 mm

## ARM TYPE



[ APO - 05 - B ]

## PHOTOMETRIC CHARACTERISTIC

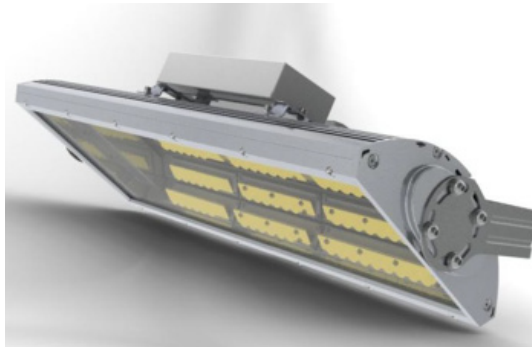


Light distribution pattern

Illuminance iso-line



## APPLICATION



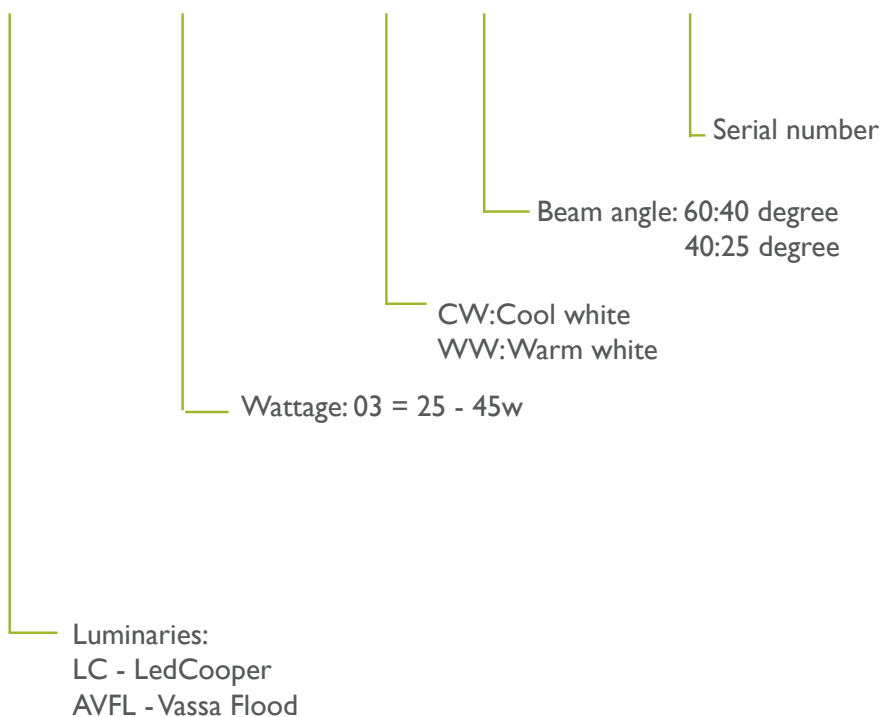
By replacing the existing light such as sodium lamps(30W, 70W) with LED guard light, Vaasa, 50% energy saving and fivefold increased lifespan are achieved.

### Application

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

## PRODUCT NUMBER

LCAVFL 03 CW 60 - 01



# VAASA FLOOD 30W

Code: LCAVFL1-30W



## 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 (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 Marking: This attestation of conformity is issued according to the evaluation of the product samples and it does not affect the conformity of the production process. The holder can use the CE marking with the CE declaration of conformity and the mark of conformity of all a category mark of TUV product. 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-59271 Born, 01.08.2008

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 61347-2-13:2005 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 void.

Date: March 15, 2010  
according to  
Low Voltage Directive 2006/95/EC

**CE**

Signature: *Xin Ji Chang*  
Xin Ji Chang / President

CE

**UL** the standard in safety  
Underwriters Laboratories

File: E99732 Vol: 1 Issued: 2010-11-05  
Revised: 2012-02-25

POWER-UP SERVICE PROGRAM  
TYPE 13  
LIGHT-EMITTING-DIODE STREET-BUSINESS LUMINAIRE  
(120V, 170W)

Manufacturer: AMOLUXE CO LTD  
(100793-182) 185-1, 201, 303, 304-1, 41  
JONGNAM-RO, GIMPO-SI,  
KYONGGI-DO, KOREA

Model(s): AMOLUXE CO LTD  
(130531-648) 17-2, JONGNAM-RO,  
SEONGSI-GU, SEONGSI-LUP, SEOUL  
(130531-648) 2000 AS APPLICANT

This Procedure authorizes the above manufacturer to use the marking specified by Underwriters Laboratories Inc., Ltd., 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 is not to be used for any other purpose. It is left to the Manufacturer with the understanding that it is not to be used, either wholly or in part, and that it will be returned to UNDERWRITERS LABORATORIES, INC. if or any material license 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.  
*William R. Carney*  
William R. Carney  
President  
Mark Approval Certification Program

Signature: *Stephen Hanson*  
Stephen Hanson  
Global Market-By Service Operations

UL

### NATIONAL

CERTIFICADO DE APROBACION DE TIPO  
E-008-01-17675

Notificado por la Superintendencia de Electricidad y Combustibles, según Resolución interna N° 965, 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  
Procedimiento de Análisis y Emisión: PR N° 507  
Normas Técnicas de Certificación: IEC 60669-2:2002; IEC 60669-1:2006; IEC 60335-2:01

Nombre del Solicitante de Certificación: SERVICIO DE INGENIERIA Y OBRAS/CONSTRUCCIONES SINTAC S.A.  
Dirección del Solicitante: Avenida Las Torres, 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 Marca	AMOLUXE
1.3 Modelo o Tipo	Maalestrom
1.4 Características Técnicas	220-240V~50/60Hz / Class I / IP 67
1.5.1 Potencias nominales	100W
1.5.2 Fuente de luz	Modulón 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 por Traceabilidad	NO APLICA
1.7 País de origen	KOREA
1.8 Provisión	CORFA
1.9 Termino de la muestra	1 unidad
1.10 Nombre del Fabricante	AMOLUXE
1.11 Dirección del Fabricante	172-Jamsil-Dong Seocho-Gu, Seoul, Korea

2- OTROS ANTECEDENTES

2.1 Nombre del Laboratorio donde se ejecutaron los ensayos: CESMEC S.A. / SCE-201P  
2.2 N° de informe de ensayo

NOTA: ELABORADO AUSENTE DE LA PRESENTE PERSONA QUE SE ENCUENTRA EN EL EXTERNO Y QUE DEBE SER REVISADO POR EL AREA Y DE VOLUNTAD AL INGRESADO

FECHA: 03 FEB 2012

DULCENCIA NOTARIAL AL DOCSO

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, COMPROBADO LA PRESENTE PERSONA QUE SE ENCUENTRA EN EL EXTERNO Y QUE DEBE SER REVISADO POR EL AREA Y DE VOLUNTAD AL INGRESADO

FECHA: 03 FEB 2012

DULCENCIA NOTARIAL AL DOCSO

CESMEC (2 DE 2)