



## The Eco-Friendly Lighting Solution

| Light-Smart | All About Saving |

# PROPOSAL

#### OFFICE ADDRESS

📍 P.O.BOX - 145686,  
Istanbul street, Riyadh  
Kingdom of Saudi Arabia

#### CONTACT NO:

☎ +966536943228  
☎ +966112392162

✉ info@shomoodubai.com  
www.shomoa-dubai.com

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# 1. INTRO



## WHO WE ARE

SHOMO'O DUBAI TRADING COMPANY is Loacated in Riyadh City, Saudi Arabia. Our Factory is a Professional manufacturer of LED Street Lights and Solar Street Lights, Landscape Poles, Lamp Poles.

We are Specialized in supplying Regular and Decorative lighting poles at the highest level.

We also work as a major importer and supplier of regular and solar powered LED lights

Our Company is a High-Technology enterprise with research and development of customer enterprise with trade and technical service in one.

Since its establishments, the company has adhered to the core value of acheivement of customer entrepreneurship and innovation, honesty and trustworthiness, and customer first, based on the bussiness and sales Philosophy of quality-oriented excellence, adheres to market-oriented operations, and continue to innovative to satisy customer and share profits. To achieve a win-win situation for customers and enterprises. Relying on high-quality product for customers, we have won the recognition of the industry and won the trust of customers, with customers as the guide, we will work together with customers to achieve a win-win situation and create brilliant future. Looking forward to working with your sincerely to create brillance together.

**Our LED products are certified by the Saudi Standards, Metrology and Quality Organization (SASO)**



## **MISSION STATEMENT**

We have very strong R&D Capability and advanced production Equipment.

Our goods with High quality and testing approved By SASO. Our LED Street Light and Solar LED Light with IECEE certificates and poles with SABER certificates. And our products are very popular in market.

Our LED products are certified by (IECEE).



## **VISION**

**Provide our partners with professional Engineering Management, Fabrication and reach goals in times.**

## **VALUES**

**We grow through creativity, invention and innovation, Integrity, Commitment of Quality.**





# Certificate

- | COMMERCIAL REGISTRATION
- | ZAKAT CERTIFICATE
- | VAT REGISTRATION CERTIFICATE
- | SAUDIAZATION
- | ACCREDIATION CERTIFICATE





شركة شموع دبي للتجارة



السجل التجاري: 1010505515

## رمزك التجاري QR Code

من خلاله يمكنك التحقق المباشر من معلومات:

السجل التجاري / رخصة البلدية

شهادة السعودة / برنامج نطاقات

شهادة الزكاة / الغرفة التجارية





وزارة التجارة  
Ministry of Commerce

الرقم: ١٠١٠٥٠٥٥١٥

التاريخ: ١٤٣٦/٠١/١١ هـ

شهادة تسجيل الشركة

الرقم الموحد للمنشأة: ٧٠٠٢٣٠٦٠٤٦ ..... الاسم التجاري للشركة: شركة شموع دبي للتجارة  
نوعها: ذات مسؤولية محدودة مختلطة ..... جنسيتها: سعودي  
مدة الشركة: ٩٩ سنة ..... تبدأ من: ١٤٤٣/٠٨/١٢ هـ ..... وتنتهي في: ١٥٤٥/٠٨/٢٦ هـ  
مركزها الرئيسي: ٨١٣٦، محمد بن دريد، حي السلي، ٤٦٥١  
ص ب: ..... الرمز البريدي: ١٤٢٦٧ ..... هاتف: ١١٨١٢٢٤٨٨  
النشاط: للاطلاع على بيانات الأنشطة الرجاء مسح الرمز التجاري  
رأس المال: ٥٠٠٠٠ ريال سعودي  
المديرون: ١ محمد فراس عبد المجيد حلاسه السباعي ..... ٢ حمدان ياسر حمدان الفهد  
٣ ..... ٤ .....  
٥ ..... ٦ .....  
٧ ..... ٨ .....  
٩ ..... ١٠ .....  
١١ ..... ١٢ .....  
١٣ ..... ١٤ .....  
١٥ ..... ١٦ .....  
١٧ ..... ١٨ .....

سلطات المدير/المديرون: حسب ما نص عليه عقد الشركة

يشهد مكتب السجل التجاري بمدينة: الرياض ..... بأنه تم تسجيل الشركة المذكورة أعلاه بمدينة: الرياض  
وتنتهي صلاحية الشهادة في: ١٤٤٤/٠٨/١٢ هـ ..... بموجب الإيصال رقم: ٥٩٩٤٩٠٢ ..... وتاريخ: ١٤٤٢/٠٦/٠٤ هـ

مدير السجل التجاري للشركات: عبد المحسن بن ابراهيم الحماد

التوقيع:



يمكنك التحقق من صحة هذه الشهادة بالدخول على <http://v.mci.gov.sa> To Verify the information of this certificate visit



## السادة/ شركة شموع دبي للتجارة

نهنئكم بدخول عالم الأعمال التجارية وإصدار سجلكم التجاري، ونتطلع أن يساهم هذا السجل في تحقيق تطلعاتكم، وأن يكتب الله لكم التوفيق والنجاح في عملكم التجاري وأن تكون شريكاً في تعزيز اقتصاد المملكة العربية السعودية.

يسرنا إبلاغكم بأن رقم منشآتكم الموحد هو ٧٠٠٢٣٠٦٠٤٦ وقد تم ربطه بالخدمات الحكومية التي ستحتاجها مستقبلاً. وهي على النحو التالي:

الرقم:	رقم سجلكم التجاري للمنشأة	 
١٠١٠٠٠٥١٥		وزارة التجارة Ministry of Commerce
١٣٨٧٢٥٢	رقم منشآتكم لدى وزارة الموارد البشرية والتنمية الاجتماعية	 
٧٩٦٣٢٤١١٠	تم تسجيل منشآتكم مجاناً لمدة سنة في خدمة واصل التجاري	 
٣١٠٣١٥٣٩٣٦	رقم منشآتكم لدى هيئة الزكاة والضريبة والجمارك	 
تعذر الإنشاء التلقائي للحساب الرجاء التوجه إلى موقع الجهة لإنشاء الحساب	رقم منشآتكم لدى المؤسسة العامة للتأمينات الاجتماعية	 
٣٧٨٤٢٥	رقم منشآتكم لدى الغرفة التجارية.	 
لا يوجد	رقم رخصة "بلدية" فورية (في حال اختياركم)	 



يتيح تطبيق "نوافذ منشآت" العديد من الخدمات الممكنة لك في عالم الأعمال و منها الحصول على الإرشاد و الاستشارات ، تطبيق "نوافذ منشآت" بوابة دخولك إلى عالم الأعمال  
<https://www.monshaat.gov.sa/nawafth>

منشآت  
monsha'at  
Ministry of Commerce  
وزارة التجارة



### ويمكنك فتح حساب بنكي دون الحاجة إلى أي أختام لمنشأتك

كما جمعنا لك كافة الانظمة واللوائح بلغة بسيطة في دليل التاجر لتمارس عملك التجاري بسهولة

[mci.gov.sa/trader/guide](https://mci.gov.sa/trader/guide)





رقم الشهادة: ٣٨٧١٢٣١ / ١٠٢٢٢٠٠٠  
التاريخ: ١٤٤٣/٠٩/١٩ هـ  
الرقم المميز: ٣١١٢٦٥٩٨٣٥



المملكة العربية السعودية  
الهيئة العامة للزكاة والدخل  
General Authority of Zakat & Tax

# شهادة

CERTIFICATE

تسجيل

تشهد الهيئة العامة للزكاة والدخل بأن المكلف / شركة شموع دبي للتجارة

شركة رقم ٧٠٢٣٠٦٠٤٦ وسجل تجاري / رخصة / عقد رقم ١٠٥٠٥٥١٥

مسجل لديها بالرقم المميز ٣١١٢٦٥٩٨٣٥ بتاريخ ١٤٤٣/٠٨/١٢ هـ

وقد منح هذه الشهادة لتمكينه من إنهاء جميع معاملاته ماعدا صرف مستحقاته النهائية  
عن العقود .

يسري مفعول هذه الشهادة حتى تاريخ ١٤٤٥/٠٢/٠٤ هـ الموافق ٢٠٢٣/٠٨/٢٠ م .

(الرابع من صفر ألف و أربعمئة و خمسة و أربعون هجري)



الختم الرسمي

هذه الوثيقة مستخرجة من النظام الآلي ولا تحتاج إلى توقيع

لا يعتد بهذه الشهادة إلا بعد التحقق من موقع الهيئة [www.gazt.gov.sa](http://www.gazt.gov.sa)



تاريخ الإصدار: 2022/04/20

الرقم المميز: 3112659835



الهيئة العامة للزكاة والدخل  
General Authority of Zakat & Tax



## شهادة تسجيل في ضريبة القيمة المضافة VAT Registration Certificate

تشهد الهيئة العامة للزكاة والدخل بأن المكلف أدناه مسجل في ضريبة القيمة المضافة  
بتاريخ 2022/04/20

Hereby, The General Authority of Zakat & Tax (GAZT) certifies that the taxpayer below is  
VAT registered on 20/04/2022

اسم المكلف:	شركة شموع دبي للتجارة	Taxpayer Name:
رقم التسجيل الضريبي:	311265983500003	VAT Registration Number:
تاريخ نفاذ التسجيل:	2022/04/01	Effective Registration Date:
عنوان المكلف:	الرياض، السلي، محمد بن دريد، 14267	Taxpayer Address:



كمكلف مسجل في ضريبة القيمة المضافة، لا يجوز لك تحصيل ضريبة القيمة المضافة من عملائك قبل تاريخ  
نفاذ التسجيل بالضريبة. في حال تبين غير ذلك، ستقوم الهيئة العامة للزكاة والدخل بتنفيذ الغرامات المستحقة

هذه الوثيقة مرسلة من النظام الآلي ولا تحتاج إلى توقيع  
- الهيئة العامة للزكاة والدخل -



تاريخ الإصدار: 2022/04/20  
الرقم المميز: 3112659835



الهيئة العامة للزكاة والدخل  
General Authority of Zakat & Tax



اسم المكلف:	شركة شموع دبي للتجارة	Taxpayer Name:
رقم السجل/الرخصة/العقد:	1010505515	CR / License / Contract No.:
الفترة الضريبية:	ربع سنوي-Quarterly	Tax Period:
تاريخ استحقاق أول إقرار ضريبي:	2022/07/31	First Filing due date:



كمكلف مسجل في ضريبة القيمة المضافة، لا يجوز لك تحصيل ضريبة القيمة المضافة من عملائك قبل تاريخ نفاذ التسجيل بالضريبة. في حال تبين غير ذلك، ستقوم الهيئة العامة للزكاة والدخل بتنفيذ الغرامات المستحقة

هذه الوثيقة مرسلة من النظام الآلي ولا تحتاج إلى توقيع  
- الهيئة العامة للزكاة والدخل -

## شهادة سعودة

رقم الشهادة 602000-20557410

تاريخ الإصدار 2022-11-03

تاريخ الانتهاء 2023-02-01

رقم المنشأة 1-2534766

اسم المنشأة شركة شموع دبي للتجارة

حالة الشهادة نشط

رقم السجل التجاري 1010505515

الرقم الوطني الموحد 7002306046



تشهد وزارة الموارد البشرية والتنمية الاجتماعية بأن المنشأة المذكورة أعلاه حققت نسب التوطين المطلوبة منها

وتم منحها هذه الشهادة حسب طلبها

الشهادة معتمدة من صاحب الصلاحية ولا تحتاج إلى توقيع أو ختم



# IECEE



الهيئة السعودية للمواصفات والمقاييس والجودة  
Saudi Standards, Metrology and Quality Org.

## شهادة اعتراف بشهادة (IECEE) Recognition Certificate of (IECEE) Certificate الرقم: 20220399183

بناءً على شهادة الاختبار وتقرير الاختبار الموضحة بياناتها أدناه، وتكون الهيئة السعودية للمواصفات والمقاييس والجودة هي جهاز منح الشهادات الوطني وعضو مشارك في الهيئة الدولية لتقويم المطابقة ومنح الشهادات للأجهزة والمكونات الكهربائية وتقنية (IECEE). فقد تم منح هذه الشهادة اعترافاً بأن المنتج الموضح بياناته أدناه مطابق للمواصفات الفنية والفرق ذات الوطنية ذات العلاقة.

According to the test certificate and test report that their information is mentioned below, and as Saudi Standards, Metrology and Quality Organization (SASO) is the national certification body and a participant member in IEC System of Conformity Assessment Schemes for Electro-technical Equipment and Components (IECEE). Therefore, this certificate is granted as a recognition that the below mentioned product is conformed to the related national standards and differences.

Company name:	HAMM IMPORT & EXPORT CO., LTD		اسم الشركة المصنعة:
Technical requirements/ Standard references:	SASO GSO IEC 60598-2-3		المواصفات الفنية/المعيارية:
The issuing body of test certificate:	TÜV Rheinland LGA Products GmbH		جهة إصدار شهادة الاختبار:
DE 2-036657	رقم شهادة الاختبار CE test certificate No.	CN22JWVD 001	رقم تقرير الاختبار Test report No.

### بيانات المنتج Product Information

Product name:	Lighting and its parts (required SLS Certificate)	اسم المنتج:
Technology name:	Light Emitting Diode (LED)	اسم التقنية:
Trade mark name:	SHOMO'O DUBAI	اسم العلامة التجارية:
Additional information:	SHOMO'O DUBAI TRADING ESTABLISHMENT	معلومات إضافية:

Expiry date: 06/10/2023 تاريخ الانتهاء

لا تسعمل هذه الشهادة إلا مع هذا المنتج فقط دون أي مسؤولية على الهيئة في ذلك  
This certificate is used only for this product without any responsibility on the side of SASO towards others rights



www.saso.gov.sa

This is an electronic certificate and does not require stamp and signature.

Visit SASO website (www.saso.gov.sa) to verify this certification.

Any changes or modification on this certificate will affect its validity.

PO Box 3437 Riyadh 11471 KSA

Tel: 800090005 Fax: +966114250006

للمرجع هذه الشهادة خلال مدة صلاحيتها الأصلية والتوافق ذات العلاقة في المملكة العربية السعودية وأي تعديلات أو تغييرات لتسريتها الجديدة.

هذه الشهادة تصدرت إلكترونياً ولا تحتاج إلى ختم أو توقيع.

للتأكد من صحة هذه الشهادة يرجى زيارة موقعنا على الإنترنت

www.saso.gov.sa

أي تغييرات أو تعديلات على هذه الشهادة ستؤثر على صحتها.

في بـ 3437 الرياض 11471 شهادة الهيئة السعودية للمواصفات والمقاييس والجودة

هاتف: 800090005 فاكس: +966114250006

Company Name	HAMM IMPORT & EXPORT CO., LTD	اسم الشركة
Trade Mark Name	SHOMO'O DUBAI	اسم العلامة التجارية
06/10/2023	تاريخ انتهاء الشهادة Certificate Expiration date	20220399183 رقم الشهادة Certificate Number :

رقم التسلسل Serial No	رقم الطراز Model Number	رقم شهادة كفاءة الطاقة Energy Efficiency Certificate Number
1	SH-ME-300W	LP2082243986
2	SH-MA-300W	LP2082243981
3	SH-MB-250W	LP2082243982
4	SH-MC-200W	LP2082243984
5	SL-HD-300W	LP2082243992



## عقد مقاول باطن رقم (N-303) لعام (2021)

صاحب العمل : شركة نيوم  
المشروع الأساسي : تطوير طريق تبوك شرما – الجزء الأول  
والثاني  
كود المشروع : 35-20-515-1521  
مقاول الباطن : مؤسسة شموع دبي للتجارة  
الأعمال : أعمال كهربائية  
مرجع النظام : PO\_504021047740  
قيمة العقد: 43,000 ريال سعودي  
عدد صفحات العقد: أربع صفحات

تم بعون الله تعالى الإتفاق على إبرام هذا العقد بمدينة الرياض في يوم الأحد الموافق 12 سبتمبر 2021م بين كلاً من :  
شركة العيوني للاستثمار والمقاولات  
هاتف: 011 2405000 فاكس: 011 2405040 سجل تجاري رقم: 1010066115 ومقرها: ص.ب. 4727 الرياض 11412 المملكة العربية السعودية  
ويمثلها في التوقيع على هذا العقد المهندس : محمد بن مساعد العنقري بصفته : المدير الإقليمي للمنطقة الوسطى ( الطرف الأول )  
والشمالية  
و مؤسسة شموع دبي للتجارة  
جوال: 0531135956 فاكس: (بدون) سجل تجاري رقم: 1010505515 ومقرها: الرياض , المملكة العربية السعودية  
ويمثلها في التوقيع على هذا العقد الأستاذ: ياسر حمدان الفهد بصفته: مالك المؤسسة ( الطرف الثاني )  
تمهيد :

حيث أن الطرف الأول يرغب في إسناد أعمال كهربائية لمشروع تطوير طريق تبوك شرما – الجزء الأول والثاني التابع لشركة نيوم ، المملكة العربية السعودية طبقاً للمواصفات والتصاميم والرسومات الهندسية المتفق عليها والمرفقة ضمن وثائق هذا العقد للمقاولين المتخصصين في هذا المجال، و حيث أن الطرف الثاني متخصص في هذا المجال ولديه القدرة المالية والفنية والعمالة والمعدات وكل ما تحتاجه مثل هذه الاعمال وأبدى إستعداده التام في تنفيذ الأعمال محل العقد وبعد إطلاعه على جميع الشروط والمواصفات وشروط العقد وجميع الوثائق وزيارة موقع تنفيذ الأعمال والمواقع المرتبطة به، وعلم بالمطلوب علماً نافياً للجهالة ، فقد تقدم بعرض سعره رقم (464) بتاريخ (2021/07/05) ولما كان عرض الطرف الثاني قد إقترن بقبول الطرف الأول فقد إتفق الطرفان وهما بكامل الأهلية والاصوصاف المعتبرة شرعاً ونظاماً وتراضياً على ما يلي :

المادة رقم (1) : يعتبر التمهيد أعلاه جزءاً لا يتجزأ من هذا العقد ومكملة لمواده وشروطه وتقرأ وتفسر على هذا الاساس .

المادة رقم (2) : موضوع العقد

يلتزم الطرف الثاني في هذا العقد بأعمال كهربائية وجميع ما يلزم لإنهاء الأعمال حسب مخططات ومواصفات المشروع وجداول الكميات وفئات الأسعار ويشمل ذلك تقديم الفنيين والعمال وجميع الأشياء اللازمة لتنفيذ وإتمام الأعمال المبينة في العقد وكذلك الأعمال المؤقتة والإضافية والتكميلية والتعديلات التي يطلب الطرف الأول من الطرف الثاني القيام بها وفقاً لشروط هذا العقد ووثائقه وتعليمات المالك .

المادة رقم (3) : وثائق العقد

1-3 تعتبر المستندات الموضحة أدناه جزءاً لا يتجزأ من هذا العقد ومكملة لشروطه ومواده:

أ. وثيقة العقد الأساسية.

ب. المواصفات الفنية والمخططات الهندسية (إن وجدت).

ج. عرض السعر المقدم من الطرف الثاني رقم (464) بتاريخ (2021/07/05).

2-3 في حالة وجود تعارض بين وثائق العقد ، فإن الوثيقة المتقدمة تسود على الوثيقة التي تليها في الترتيب الوارد في الفقرة الأولى من هذه المادة.

المادة رقم (4) : مدة العقد

يلتزم الطرف الثاني بتنفيذ جميع الإلتزامات الواردة بالعقد وإنهاء كافة الاعمال الخاصة بالعقد قبل تاريخ 2021/29/29 م، على أن يلتزم الطرف الثاني بالجدول الزمني المحدد لتنفيذ الأعمال ، وفي حالة عدم الإلتزام يخضع الطرف الثاني للمادة رقم (9) والمحددة بهذا العقد.



#### المادة رقم (5) : قيمة العقد

1-5 تقدر القيمة الإجمالية لهذا العقد بمبلغ (43,000) ثلاثة وأربعون ألف ريال سعودي فقط لا غير لقاء تنفيذ الأعمال وفقاً

لجدول الكميات والأسعار التالي:

SN	Item Description	Qty.	Unit	Unit Price	Total Amount
1	DISASSEMBLE AND INSTALLATION WORK FOR POLE INSTALLATION	62	Nos	500	31,000
2	CABLE EXTEND AND CONNECT	3000	L.M	4	12,000
Total SR Without VAT					43,000

2-5 تخضع هذه القيمة الإجمالية للزيادة (بحد أقصى 5%) اما النقص فيحسب تبعاً لتغير كميات الأعمال الفعلية من قيمة العقد وتبعاً للأعمال الإضافية والتكميلية والتعديلات التي يقوم الطرف الثاني بتنفيذها بناء على طلب الطرف الأول خطياً بدون أي تغيير في فئة الأسعار في نطاق الحدود المنصوص عليها في شروط العقد.

3-5 الأسعار والقيمة الاجمالية للعقد غير شاملة ضريبة القيمة المضافة، ويقوم الطرف الاول بدفع قيمة ضريبة القيمة المضافة لكل مستخلص عند دفع القيمة للطرف الثاني .

4-5 تعتبر الأسعار تعويضاً تاماً عن جميع ما يلزم الطرف الثاني لتنفيذ الأعمال موضوع هذا العقد وتشتمل علي سبيل المثال وليس الحصر توفير العمالة اللازمة للأعمال , الأدوات , مهمات السلامة الشخصية للعمال، إقامة ومعيشة منسوبي الطرف الثاني في أي موقع من مواقع العمل ، والمتطلبات الهندسية .... إلخ.

#### المادة رقم (6) : الدفع

1-6 50% من قيمة العقد يتم دفعها كدفعة مقدمة مقابل سند لأمر.

2-6 40% من قيمة البند يتم دفعها على هيئة مستخلصات جارية في مدة أقصاها 45 يوماً تبدأ من تاريخ اعتماد الطرف الأول لمستخلص الأعمال المقدم من الطرف الثاني.

3-6 10 % من قيمة العقد يتم دفعها بعد التسليم الإبتدائي والإنتهاء من كافة الأعمال محل العقد لضمان حسن تنفيذ وسير الأعمال.

4-6 في حالة انسحاب الطرف الثاني قبل إنتهاء جميع الأعمال، فإن النسبة المحجوزة تعتبر تعويضاً عن الضرر الذي لحق بالطرف الأول ولا يتم دفعها للطرف الثاني.

5-6 تعد جميع المبالغ المصروفة للطرف الثاني دفعات تحت الحساب ، وإذا ظهر أي خطأ في حساب الكميات أو الأرقام يصحح ذلك الخطأ في المستخلص التالي أو في المستخلص الختامي.

#### المادة رقم (7) ايقاف العمل

في حالة تقصير الطرف الثاني في تنفيذ الأعمال حسب الجدول الزمني و طبقاً لمتطلبات العقد ، فإنه يحق للطرف الأول إصدار إنذار وإمهال الطرف الثاني مدة لا تتجاوز خمسة عشرة يوماً، ثم بعد ذلك يتم إصدار أمر خطي إلى الطرف الثاني بإيقاف سير العمل أو جزءاً منه، كما يحق للطرف الأول سحب العمل و إسناده إلى مقاول آخر ، على أن تخصم جميع النفقات الناجمة عن ذلك من حساب الطرف الثاني.

#### المادة رقم (8) : إلغاء العقد

1-8 يحتفظ الطرف الأول بحقه في فسخ هذا العقد – إذا ظهر أي خلل ما ببند العقد المتفق عليها – في أي وقت عبر إبلاغ الطرف الثاني خطياً وبدون الحاجة إلى إجراءات قانونية أو قضائية.

2-8 في مثل هذه الحالة يحق للطرف الثاني المطالبة بقيمة الأعمال التي تم تنفيذها من العقد فقط والمعتمدة من قبل الطرف الأول ولا يجوز له المطالبة بأية مبالغ أو تعويضات أخرى بما في ذلك الأرباح المتوقعة على الأعمال غير المنفذة في هذا العقد.

3-8 في حالة فسخ العقد، فإن كافة البيانات والمخططات ومواصفات والتقارير بالإضافة إلى الأعمال المنفذة والأعمال التي هي قيد التنفيذ والمواد التي تم إحضارها إلى الموقع، يتم تسليمها للطرف الأول بموجب محضر استلام يوقع من مندوبي الطرفين . وبذلك تصبح مملوكة للطرف الأول.

#### المادة رقم (9) : الغرامات

1. إذا تأخر الطرف الثاني في الوفاء بالتزاماته بموجب هذا العقد عن اتمام الأعمال أو أي جزء معين منها فيحق للطرف الأول حسم غرامة تأخير وقدرها 1 % من قيمة العقد عن كل اسبوع تأخير ، على أن لا تتجاوز مجموع الغرامات عن 10 % من قيمة العقد الاجمالية.
2. في حال تقصير أو تأخير الطرف الثاني لأي سبب من الأسباب عن تنفيذ التزاماته نحو هذا العقد يتحمل بمفرده كل ما يترتب عن ذلك من إجراءات أو غرامات يطبقها مالك المشروع "شركة نيوم" على الطرف الأول.

#### المادة رقم (10):التنازل والتعاقد من الباطن

- 1-10 لا يجوز للطرف الثاني التنازل أو التعاقد من الباطن عن هذا العقد كلياً أو جزئياً الى الغير الا بعد الحصول على موافقة خطية مسبقة من الطرف الأول ولا تعفي هذه الموافقة حتى وان تمت الطرف الثاني من مسؤوليته عن تنفيذ العقد حيث يعتبر الطرف الثاني والمتنازل له عن العقد مسؤولين على وجه التضامن والتكافل عن تنفيذه امام الطرف الأول، كما لا تعطي هذه المادة الطرف الثاني حق إلزام الطرف الأول بالموافقة على التنازل.
- 2-10 يجب أن يكون الطرف المتنازل إليه متخصصاً في تنفيذ الأعمال موضوع العقد وتعتبر موافقة الطرف الأول طبقاً للفقرة السابقة لاغية ولا يعتد بها في حالة ثبوت عدم تخصص الطرف المتنازل إليه في تنفيذ الأعمال موضوع العقد.
- 3-10 موافقة الطرف الأول لا تعفي الطرف الثاني من المسؤولية والالتزامات المترتبة عليه بموجب العقد، بل يظل الطرف الثاني مسؤولاً عن كل تصرف أو خطأ أو إهمال يصدر من جانب أي مقاول أو مورد من الباطن ، أو من وكلائه ، أو موظفيه ، أو عماله كما لو كان هذا التصرف ، أو الخطأ ، أو الإهمال صادراً من الطرف الثاني نفسه ، أو من وكلائه ، أو موظفيه ، أو عماله ، ولا تشكل عقود العمل التي يبرمها الطرف الثاني على أساس الأجر بالقطعة تعاقداً من الباطن بمقتضى هذه المادة.

#### المادة رقم (11):المسؤولية عن الاضرار

- يلتزم الطرف الثاني باتخاذ كافة الاحتياطات الضرورية والمناسبة لمنع وقوع اي ضرر يلحق بالطرف الاول او اي من تابعيه او بالغير ويتحمل بمفرده كامل المسؤولية عن أية تكاليف ناجمة عن تلك الاضرار كما يتحمل الطرف المسؤولية كاملة عن مخالفة الانظمة واللوائح السارية.
- 11-1 يلتزم الطرف الثاني بسداد مستحقات كافة منسوبيه من موظفين وعمالة وكذلك الالتزام بسداد مستحقات تابعيه من موردين أو مقاولي الباطن، وفي حالة عدم الالتزام بذلك فسيتم ارسال اشعار بذلك إلى الطرف الثاني وفي حالة استمرار عدم التزام الطرف الثاني فيحق للطرف الأول اتخاذ ما يراه مناسباً حيال ذلك.
  - 11-2 للطرف الأول الحق في تدقيق والحصول على نسخ من ملف كشف الرواتب أو فواتير الموردين أو مستخلصات مقاولي الباطن التابعين للطرف الثاني.
  - 11-3 على الطرف الثاني الإلتزام التام بأحكام قانون العمل في المملكة العربية السعودية بصيغتها المعدلة والأخيرة.
  - 11-4 الطرف الأول لن يقبل أبداً أن يكون هناك تأخير أو عدم سداد للاستحقاقات المالية من قبل الطرف الثاني في موعدها المحدد.

**المادة رقم (12) الخلافات والمنازعات:**

في حالة حدوث أي خلاف أو نزاع لا سمح الله بشأن تطبيق أو تفسير هذا العقد تم تسويته بالطرق الودية بين الطرفين فاذا لم تتم التسوية الودية يحق لطرف المتضرر اللجوء الى الجهة القضائية المختصة بمدينة الرياض للفصل في هذا النزاع.

**المادة رقم (13) الإخطارات والتبليغات:**

أي إخطارات أو تبليغات أو مراسلات تتم بين الطرفين تكون على عناوينهما الموضحة في ديباجة هذا العقد وتسلم باليد أو بالبريد المسجل أو الفاكس أو البريد الإلكتروني (الايمل) وتعتبر اي طريقة من تلك الطرق كافية في حد ذاتها لإثبات الاستلام قانوناً.

**المادة رقم (14) نسخ العقد:**

حرر هذا العقد من نسختين أصليتين تسلم كل من الطرفين النسخة الخاصة به للاحتفاظ بها والعمل بموجبها.

والله الموفق

**عن الطرف الثاني**

مؤسسة شموع دبي للتجارة  
الأستاذ: ياسر بن حمدان الفهد

التوقيع : .....

**عن الطرف الأول**

شركة العيوني للاستثمار والمقاولات  
المهندس: محمد بن مساعد العنقري

التوقيع : .....

المملكة العربية السعودية -  
وزارة الشؤون البلدية والقروية  
إمارة منطقة الرياض  
وكالة الأمانة لشئون بلديات المنطقة  
بلدية محافظة الدمام

تعميد بالشواء المباشرة

### المشاورون الماليون

السادة / مؤسسة شموع دهب للتجارة

السلام عليكم ورحمة الله وبركاته ...

حيث أن البلدية بحاجة إلى تأمين الآتي :-

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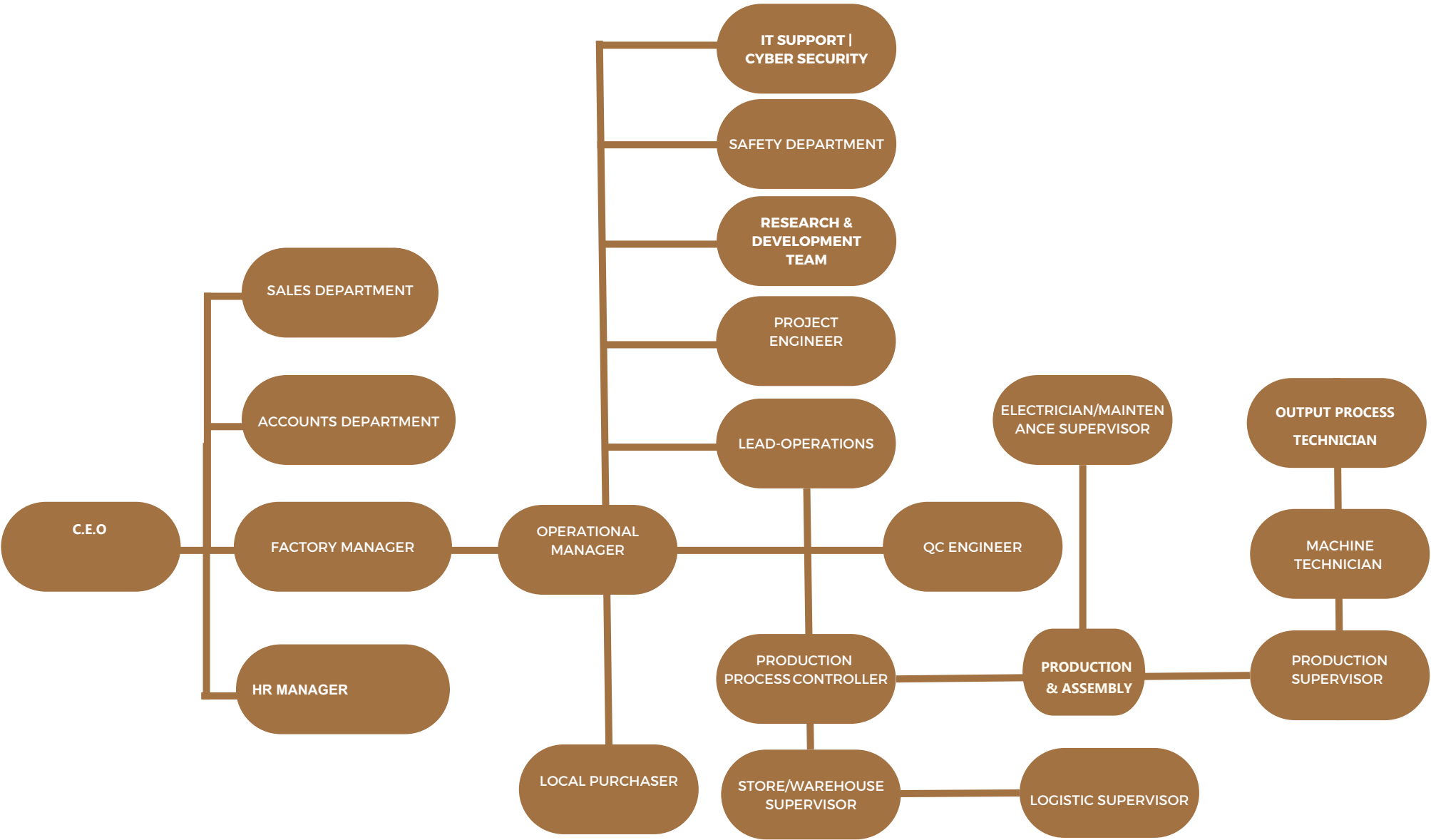
فقط مبلغ وقدره : ثمانية وتسعون ألف وتسعمائة ريال لا غير

نعمدكم بتأمين الأوصاف الموضحة أعلاه في خلال ( ٣٠ يوم ) من تاريخه ومن ثم بعد الانتهاء تقديم المستندات اللازمة لصرف مستحقّاتكم



# **HUMAN RESOURCES INFRASTRUCTURE**

# ORGANIZATIONAL CHART



**Management Staff:**

Organizational Planning

Project Review

Decision Making

Policy Determination

**Technical Engineering Staff Research and Design:**

Preparation of POWs and Plans / drawings using various software as applicable

Ensures quality Control, and work safety

Preparation of Estimates / Quotations

Preparation of other commercial documents

**Supervisory Staff**

Human Resource administration

Financial Management

Store Management

Supervising the skilled and non-skilled workers

RESPONSIBILITY OF EACH FUNCTIONAL GROUP

**KEY PLAYERS**

**i) List of Management Staff**

Executive Director (1)  
General Manager (1)  
Executive Assistant (1)  
Production Manager (1)  
Sales & Marketing Manager (1)  
Quality, Healthy and Safety Manager (1)

**ii) List of Technical/ Engineering Staff**

Production Engineer (1)  
Health and safety Officer (1)  
Estimation Engineer (1)  
Procurement Officer (1)  
Maintenance Head (1)

**iii) List of Supervisory Staff**

Human Resource (1)  
Finance Manager (1)  
Fabrication Head (1)  
Logistics Head (1)

**iv) List of Skilled/ Unskilled Workers**

Customer Service (1)  
Fabricators (5)  
Technicians (17)  
Driver (4)  
Laborers (29)  
Welders (15)  
Painter (4)



## Product Certifications



IECEE Certificate of Conformity		
IECEE Certificate of Conformity		
Model	IECEE Certificate of Conformity	IECEE Certificate of Conformity
1	IECEE Certificate of Conformity	IECEE Certificate of Conformity
2	IECEE Certificate of Conformity	IECEE Certificate of Conformity
3	IECEE Certificate of Conformity	IECEE Certificate of Conformity
4	IECEE Certificate of Conformity	IECEE Certificate of Conformity
5	IECEE Certificate of Conformity	IECEE Certificate of Conformity
6	IECEE Certificate of Conformity	IECEE Certificate of Conformity



IECEE Certificate of Conformity		
IECEE Certificate of Conformity		
Model	IECEE Certificate of Conformity	IECEE Certificate of Conformity
1	IECEE Certificate of Conformity	IECEE Certificate of Conformity
2	IECEE Certificate of Conformity	IECEE Certificate of Conformity
3	IECEE Certificate of Conformity	IECEE Certificate of Conformity
4	IECEE Certificate of Conformity	IECEE Certificate of Conformity
5	IECEE Certificate of Conformity	IECEE Certificate of Conformity
6	IECEE Certificate of Conformity	IECEE Certificate of Conformity

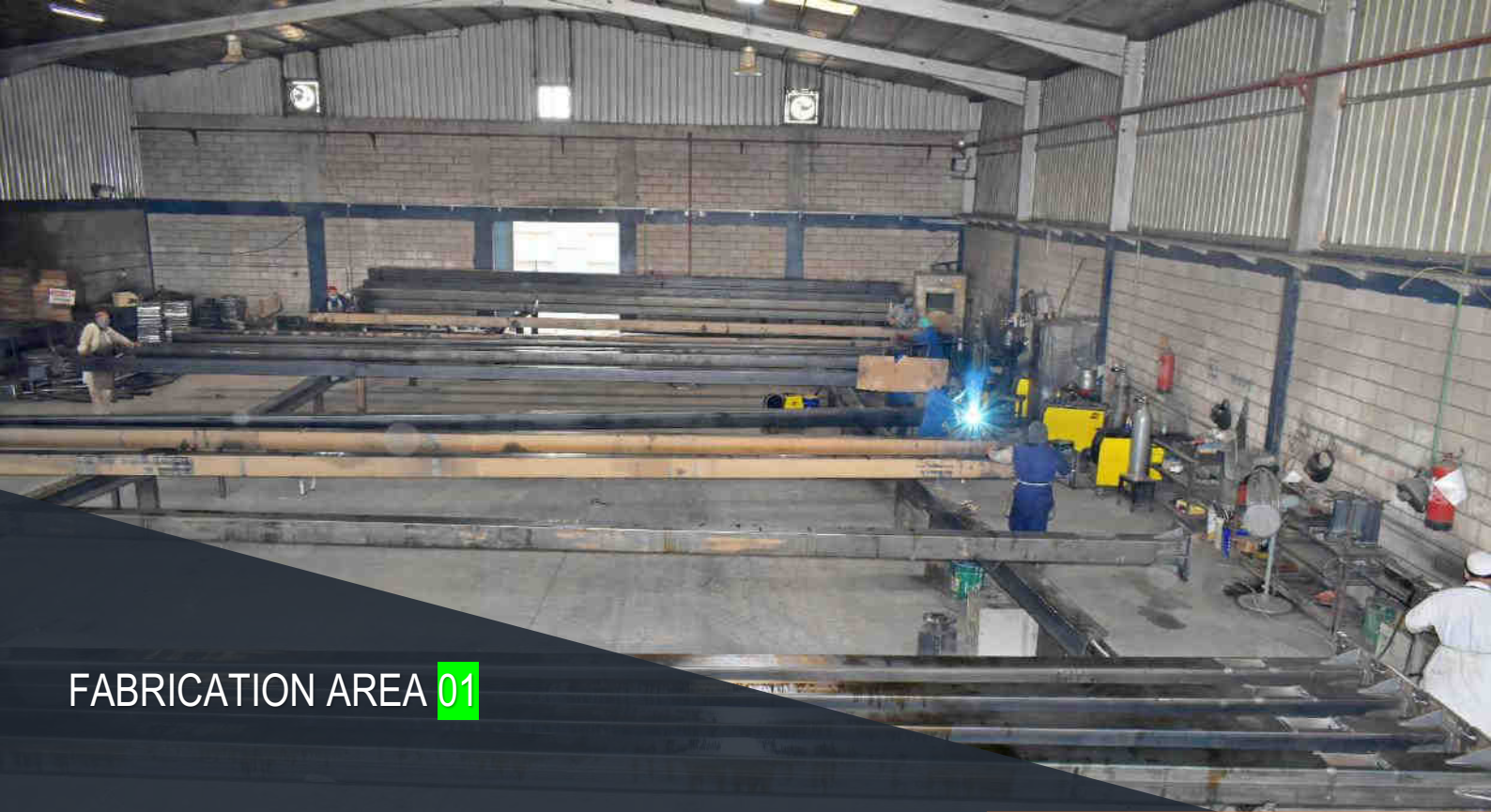












FABRICATION AREA 01

MAJOR EQUIPMENT LIST



HYDRAULIC PRESSING  
MACHINE

BANDSAW MACHINE



PIPE BENDING MACHINE

THREADING MACHINE



ANGLE LINE MACHINE

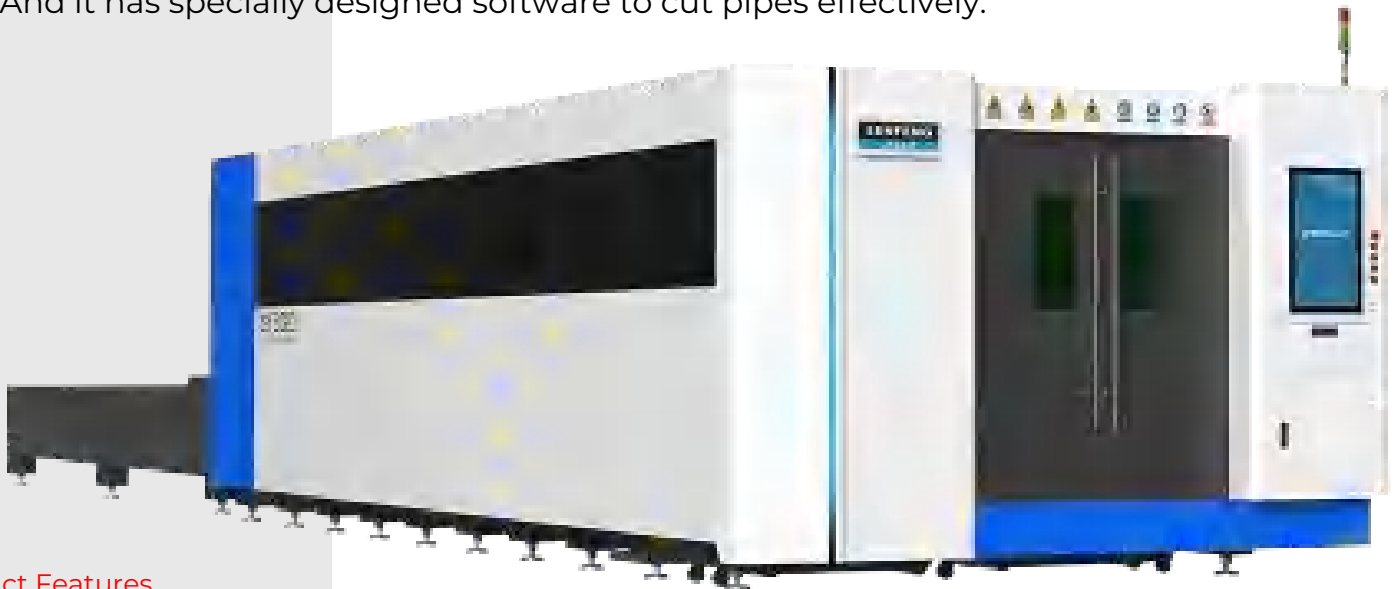
WELDING MACHINES



# Fiber Laser Cutting Machine For Metal



The SF6020H is a fiber laser metal cutting machine that fully covered for maximum safety. It can hold metal cutting sheets up to 50 sq. ft and has a changing table that can process two sheets of metal at a time . It has cameras in and out so you can fully observe that your operation is going well. And it has specially designed software to cut pipes effectively.



## Product Features

- 1) Auto exchange table, no waiting between cutting two sheets
- 2) Large cutting table handles sheets up to 50 sq. ft
- 3) Includes 2yr Standard Warranty, free installation & training
- 4) Specially designed software for pipe cutting, with efficient core cutting technology
- 5v Laser fully contained in fiber, no need for regular beam alignment

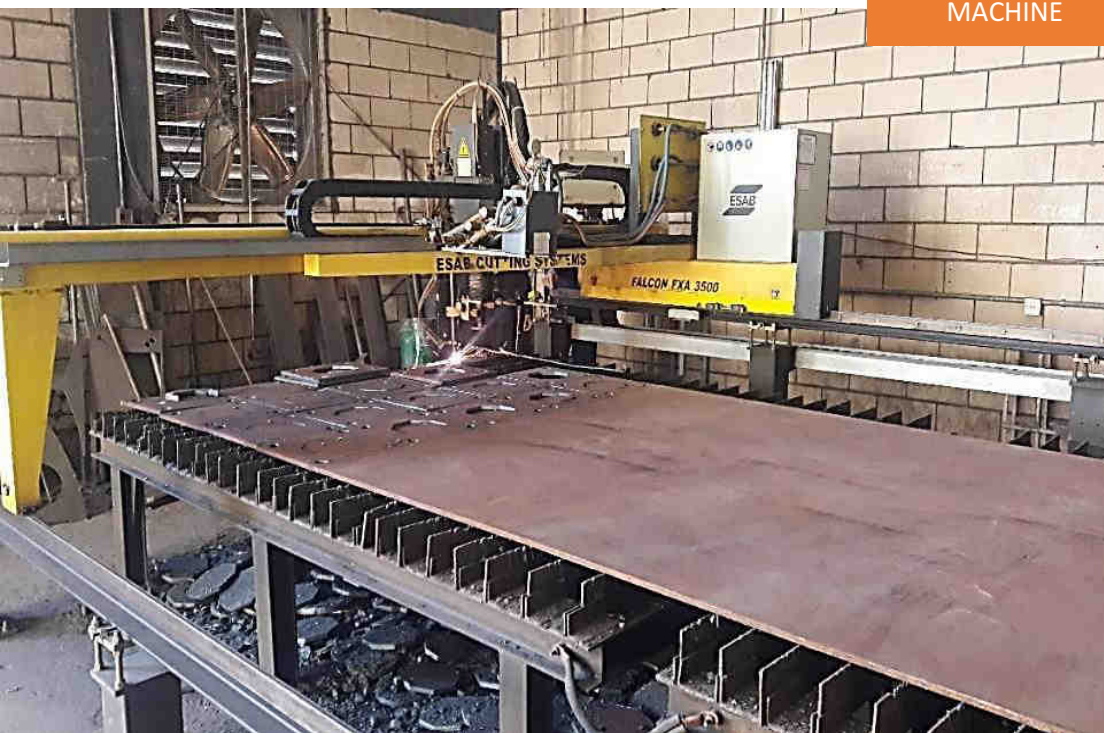




FOR CUTTING AND BENDING



MACHINE



Specifications. Transformer Rating 7600 amps.  
Input voltage. 230/460/575 VAC-60 Hz.  
208/230/460 VAC-60 Hz. 400 VAC-50/60 Hz.  
220/380/415/440...

CNC PLASMA CUTTING

STUD BOLT WELDING MACHINE

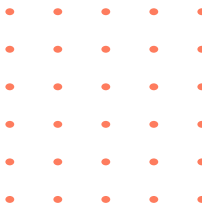
## CUSTOMER SUPPORT

- Product service/Post Construction Service.
- Product performance tracking
- Project review and evaluations
- Customer complaints



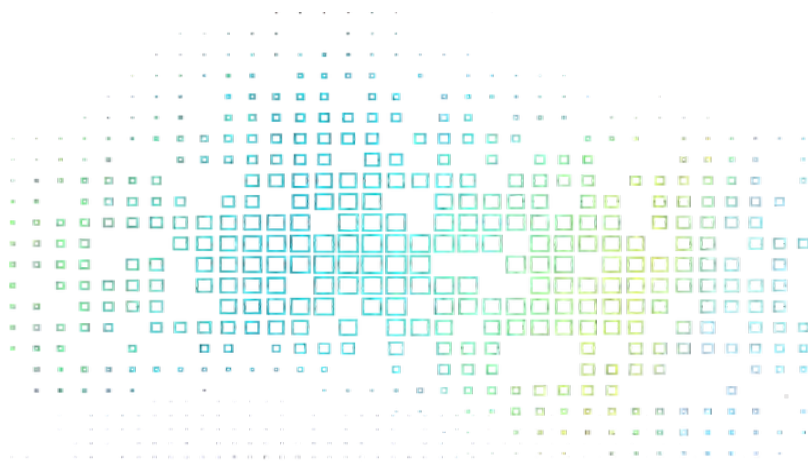
MAJOR EQUIPMENT LIST

Sl. No.	ID.	Equipment Description	Manufacturer	MODEL NO/SN	Quantity
1	SAA-A1	HYDRAULIC CUTTING (ANGLE BAR / FLABAR)	GEKA SPAIN	HYD 110 / 114074	1
2	SAA-A2	ARC WELDING MACHINE	BX	BX1-250W/SN – 15579.1-2004	2
3	SAA-A3	ARC WELDING MACHINE	BX	MW/2X5-500	1
4	SAA-A4	ARC WELDING MACHINE	BX	MW/2X5-500	1
5	SAA-A5	ARC WELDING MACHINE	BX	MW/2X5-500	1
6	SAA-B1	BANDSAW MACHINE	CUTERAL	PSM 350U /SN- 2012-390345	1
7	SAA-B2	BENDING MACHINE ( PIPE )	IMCAR	CPHV80 - ITALY	1
8	SAA-B3	BENDING MACHINE (CURVED SHAFT MNF.)	HITACHI	3AM6	1
9	SAA-B4	HYDRAULIC PLATE BENDER	ANHUI ZHONGDE	WCB7Y-100/3200	1
10	SAA-B5	BENCH GRINDER	VIGES	GRIND FORCE 6000	1
11	SAA-C1	CUTTING & WELDING AUTOMATION	ESAB	FXA 31500/SN- 31200124	1
12	SAA-C2	AIR COMPRESSOR	BRENDOLA- ITALY	MDX2400(A5) / SN – CAI614924	1

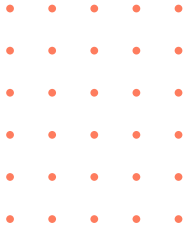


13	SAA-C3	CUT-OFF ( PIPE CUTTER )	HITACHI / AEG		2
14	SAA-D1	RADIAL DRILL	KITCHEN AND WALKER-UK	CD35	1
15	SAA-D2	RADIAL DRILL	DELTACO	RDM3201FN	1
16	SAA-D3	HAND DRILL	RYOBI / DEWALT		6
17	SAA-D4	MAGNETIC DRILL	HITACHI		1
18	SAA-G1	ANGLE GRINDER 115MM	DEWALT / BOSCH		12
19	SAA-G2	ANGLE GRINDER 7INCH	HITACHI / AEG		2
20	SAA-M1	MIG WELDING MACHINE	ESAB	ORIGO MIG L405/SN-628-214-0572	1
21	SAA-M2	MIG WELDING MACHINE	ESAB	ORIGO MIG L405/SN-628-224-0624	1
22	SAA-M3	MIG WELDING MACHINE	ESAB	ORIGO MIG L405/SN-331-650-1320	1
23	SAA-M4	MIG WELDING MACHINE	ESAB	ORIGO MIG L405/SN- 331-338-0847	1
24	SAA-M5	ALUMINUM / MIG WELDING MACHINE	FRONIUS	EN 50-199 / SN-23151889	1
25	SAA-M6	MIG WELDING MACHINE	WIM	ECHO 350 / SN-11.1260.31-13282	1
26	SAA-M7	MIG WELDING MACHINE	WIM	ECHO 350 / SN-11.1260.31-12972	1
27	SAA-M8	MIG WELDING MACHINE	WIM	ECHO 350 / SN-11.1226.33-11621	1

28	SAA-M9	MIG WELDING MACHINE	WIM	ECHO 350 / SN-11.1260.31-12978	1
29	SAA-P1	PLASMA - CUTTING	KJELLBERG	CUTI 90 /SN-11.035.502	1
30	SAA-P2	PLASMA - CUTTING	ESAB	HYPERTHERM POWER MAX 30 SP	1
31	SAA-P3	HYDRAULIC PRESSING MACHINE	ATLAS INDIA	AMI-SHI-200 TONS	1
32	SAA-P1	HYDRAULIC PLATE SHEARER	ANHUI ZHONGDE	QC12Y	1
33	SAA-S1	STUD WELDING	TRU WELD - USA	SC3400	1
34	SAA-S2	STUD WELDING	NELWELD 6000	6000	1
35	SAA-T1	BOLT THREADING MACHINE	ATLAS INDIA	BOLT TREAD / S/N-652	1







# CLIENT LIST



## عملاء شركة شموع دبي

م	اسم الشركة
1	بلدية الرس
2	بلدية الزلفي
3	بلدية رياض الخبراء
4	شركة العيوني للتجارة والاستثمار والمقاولات
5	شركة الفهد للتجارة والصناعة والمقاولات
6	شركة انارة المحدودة
7	شركة سعد الغريرى للمقاولات
8	شركة الوان الإضاءة العالمية للتجارة ( التراليت)
9	مؤسسة القناع الماسي للمقاولات
10	مؤسسة مساكب الشرقية للتجارة
11	شركة دالة الخبرات للمقاولات
12	شركة دارة للمقاولات
13	شركة سكا للمقاولات
14	شركة سافانا المحدودة للمقاولات
15	مؤسسة إبراهيم الاحمدى للمقاولات
16	مؤسسة خالد عبدالله البديوي للمقاولات
17	مؤسسة جذور الانارة التجارية
18	مؤسسة اضاءة الخليج للتجارة
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# **PROFILE PRODUCT CATALOG**

# CATALOGUE

## LED street light



HA-100W-GT



HA-150W-GT



HA-200W-GTA



HA-250W-FS



HA-300W-FS



GA-KE-150W



GA-RF-250W



GA-RF-300W



HA-100W-FM



HA-150W-FM



HA-200W-FM



GA-L044D-100w



GA-L044D-150W



GA-L044D-200w



GA-L044D-250w



GD-M004-150W



GD-M004-200w



GD-M004-250W



SH-20W-BG



M1A



## SOLAR LED STREET LIGHT



SL-HA-150W



SL-HA-200W



SL-HB-200W



SL-HB-300W



SL-HC-200W



SL-HC-300W



SL-HD-300W



SL-HE-300W



SL-HF-300W



SL-HM-50W



SL-HN-100W



UFO-SL-300W



# Outdoor Lighting

## Street Light

Premium Street Light

Street Light



SHOMO'O DUBAI



Shomo'o Dubai

LED

**PHILIPS**  
**LUMILEDS**



IP66

Ra=80

130  
LM/W

5years

### Application

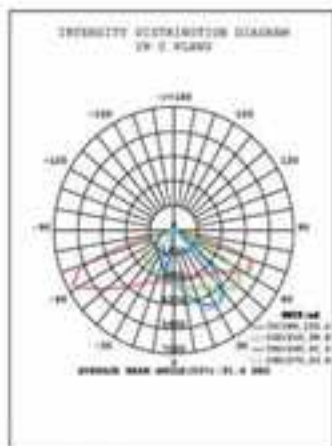
- Road and Street Lighting
- Parking
- Compound
- Pedestrian Path
- 5 Years Warranty

### Technical Details

- Input Voltage 110-277V
- Frequency Temperature
- -25°C- 65°C
- IP66
- IK08

### Features

- Body Made of die cast aluminum and heat sink, construction with durable polyester
- Powder coat paint finish
- Tempered glass design
- Using the whole structure cooling technology, obtain efficient cooling performance
- Clear PC lenses
- Surge protection 10KV
- Adjustable angle
- Photocontrol, Energy saving automatically turn on at dark, turn off at dawn.
- Dimmable Driver



Model	Power	Lumen	Size	Net Weight	Chip QTY	LED CHIPS	Driver	Voltage	Beam Angle	CCT	CRI	IP	IK
HA-100W-GT	100W	12000lm	668*295*160mm	5.08kgs	96PCS	Philips	Philips	AC110-277V	60°120°	2700K-6500K	Ra>70	IP66	IK08
HA-150W-GT	150W	18000lm	740*300*160mm	6.25kgs	192PCS	Philips	Philips	AC110-277V	60°120°	2700K-6500K	Ra>70	IP66	IK08
HA-200W-GTA	200W	24000lm	785*347*156mm	7.81kgs	240PCS	Philips	Philips	AC110-277V	60°120°	2700K-6500K	Ra>70	IP66	IK08





SHOMO'O DUBAI



**LED**



### Application

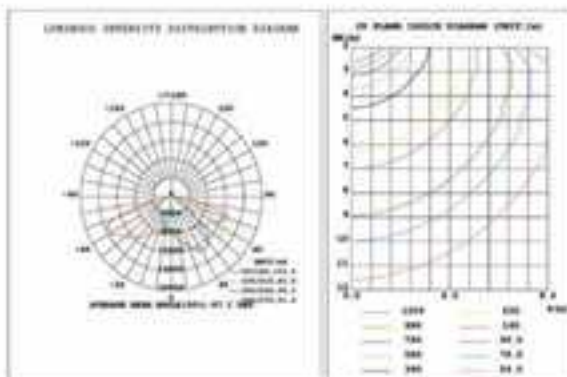
- Road and Street Lighting
- Parking
- Compound
- Pedestrian Path
- 5 Years Warranty

### Technical Details

- Input Voltage 110-277V
- Frequency Temperature
- -25°C- 65°C
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- Adjustable angle
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- Dimmable Driver



Model	Power	Lumen	Size	Net Weight	Chip QTY	LED CHIPS	Driver	Voltage	Beam Angle	CCT	CRI	IP	IK
HA-250W-FS	250W	30000lm	785*347*156mm	8.30kgs	320PCS	Philips	Philips	AC110-277V	60°120°	2700K-6500K	Ra>70	IP66	IK08







SHOMO'O DUBAI

**LED**



IP66

Ra=80

130  
LM/W

5years

### Application

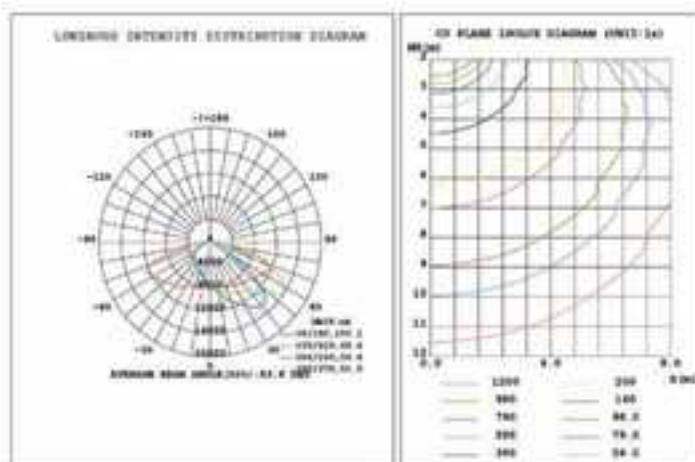
- Road and Street Lighting
- Parking
- Compound
- Pedestrian Path
- 5 Years Warranty

### Technical Details

- Input Voltage 110-277V
- Frequency Temperature
- -25°C- 65°C
- IP66
- IK08

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- Clear PC lenses
- Surge protection 10KV
- Adjustable angle
- Photocontrol, Energy saving automatically turn on at dark, turn off at dawn.
- Dimmable Driver



Model	Power	Lumen	Size	Net Weight	Chip QTY	LED CHIPS	Driver	Voltage	Beam Angle	CCT	CRI	IP	IK
HA-300W-FS	300W	36000lm	813*351*137mm	10.3kgs	320PCS	Philips	Philips	AC110-277V	60°120°	2700K-6500K	Ra>70	IP66	IK08







SHIMO'O DUBAI

**LED**

**PHILIPS**  
**LUMILEDS**



## Features

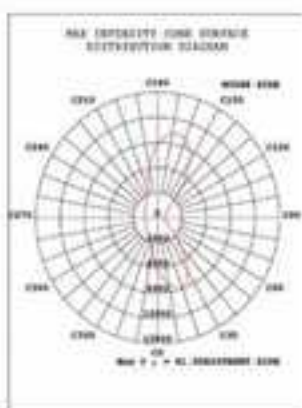
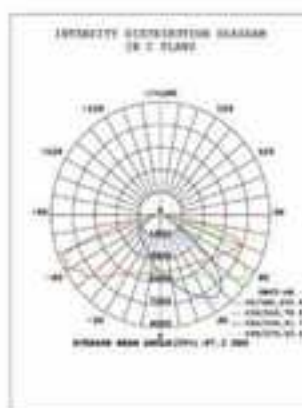
- Body Made of die cast aluminum and heat sink, construction with durable polyester
- Powder coat paint finish
- Tempered glass design
- Using the whole structure cooling technology, obtain efficient cooling performance
- Clear PC lenses
- Surge protection 10KV
- Adjustable angle
- Photocontrol, Energy saving automatically turn on at dark, turn off at dawn.
- Dimmable Driver

## Application

- Road and Street Lighting
- Parking
- Compound
- Pedestrian Path
- 5 Years Warranty

## Technical Details

- Input Voltage 110-277V
- Frequency Temperature
- -25°C- 65°C
- IP66
- IK08



Model	Power	Lumen	Size	Net Weight	Chip QTY	LED CHIPS	Driver	Voltage	Beam Angle	CCT	CRI	IP	IK
GA-KE-150W	150W	18000lm	700*290*70	5.10kgs	150PCS	Philips	Philips	AC110-277V	60°120°	2700K-6500K	Ra>70	IP66	IK08







SHOMO'O DUBAI

**LED**

**PHILIPS  
LUMILEDS**



IP66

Ra=80

130  
LM/W

5years

### Application

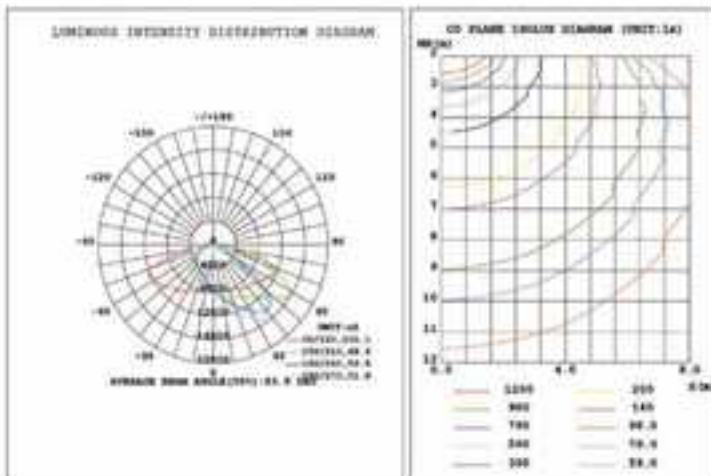
- Road and Street Lighting
- Parking
- Compound
- Pedestrian Path
- 5 Years Warranty

### Technical Details

- Input Voltage 110-277V
- Frequency Temperature
- -25°C- 65°C
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- Photocontrol, Energy saving automatically turn on at dark, turn off at dawn.
- Dimmable Driver



Model	Power	Lumen	Size	Net Weight	Chip QTY	LED CHIPS	Driver	Voltage	Beam Angle	CCT	CRI	IP	IK
GA-RF-250W	250W	30000lm	700*290*90	7.60kgs	280PCS	Philips	Philips	AC110-277V	60°120°	2700K-6500K	Ra>70	IP66	IK08
GA-RF-300W	300W	30000lm	840*290*90	8.50kgs	336PCS	Philips	Philips	AC110-277V	60°120°	2700K-6500K	Ra>70	IP66	IK08







SHOMOO'S DUBAI

# LED

**PHILIPS**  
**LUMILEDS**



## Features

- Body Made of die cast aluminum and heat sink, construction with durable polyester
- Powder coat paint finish
- Tempered glass design
- Using the whole structure cooling technology, obtain efficient cooling performance
- Clear PC lenses
- Surge protection 10KV
- Adjustable angle
- Photocontrol, Energy saving automatically turn on at dark, turn off at dawn.
- Dimmable Driver

IP66

Ra=80

130  
LM/W

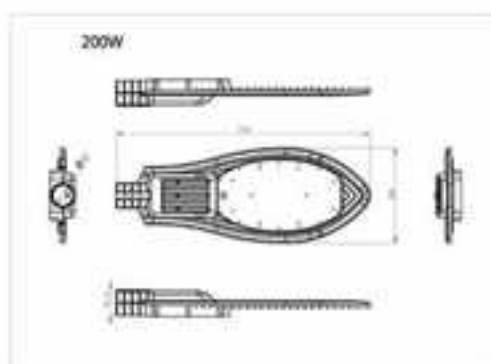
5years

## Application

- Road and Street Lighting
- Parking
- Compound
- Pedestrian Path
- 5 Years Warranty

## Technical Details

- Input Voltage 110-277V
- Frequency Temperature
- -25°C- 65°C
- IP66
- IK08



Model	Power	Lumen	Size	Chip QTY	LED CHIPS	Driver	Voltage	Beam Angle	CCT	CRI	IP	IK
HA-100W-FM	100W	12000lm	700*245*100mm	110PCS	Philips	Philips	AC110-277V	60°120°	2700K-6500K	Ra>70	IP66	IK08
HA-150W-FM	150W	18000lm	770*280*100mm	165PCS	Philips	Philips	AC110-277V	60°120°	2700K-6500K	Ra>70	IP66	IK08
HA-200W-FM	200W	24000lm	770*280*100mm	200PCS	Philips	Philips	AC110-277V	60°120°	2700K-6500K	Ra>70	IP66	IK08







SHOMO'O DUBAI

**LED**



IP66

Ra=80

130  
LM/W

5years

### Application

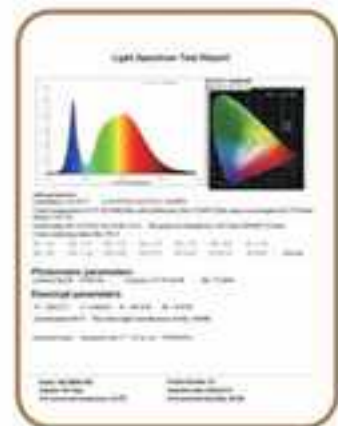
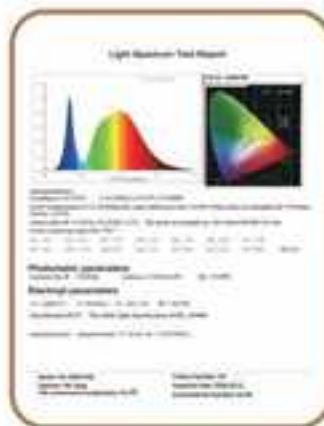
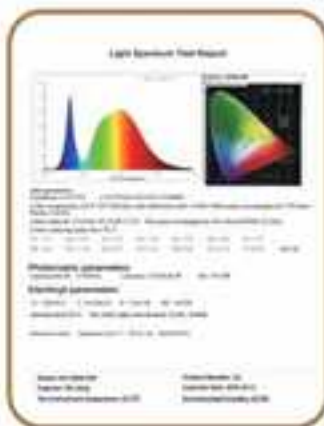
- Road and Street Lighting
- Parking
- Compound
- Pedestrian Path
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### Technical Details

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- Dimmable Driver



Model	Power	Lumen	Size	Chip QTY	Voltage	Beam Angle	CCT	CRI	IP	IK
GA-L044D-100W	100W	12000lm	620*280*70mm	2PCS COB	AC110-277V	60*120°	2700K-6500K	Ra>70	IP66	IK08
GA-L044D-150W	150W	18000lm	680*230*70mm	3PCS COB	AC110-277V	60*120°	2700K-6500K	Ra>70	IP66	IK08
GA-L044D-200W	200W	12000lm	800*250*73mm	4PCS COB	AC110-277V	60*120°	2700K-6500K	Ra>70	IP66	IK08
GA-L044D-250W	250W	18000lm	1100*340*90mm	5PCS COB	AC110-277V	60*120°	2700K-6500K	Ra>70	IP66	IK08





SHOMO'O DUBAI



SHOMO'D DUBAI

**LED**

**PHILIPS  
LUMILEDS**



IP66

Ra=80

130  
LM/W

5years

### Application

- Road and Street Lighting
- Parking
- Compound
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- Using the whole structure cooling technology, obtain efficient cooling performance
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- Adjustable angle
- Photocontrol, Energy saving automatically turn on at dark, turn off at dawn.
- Dimmable Driver



Model	Power	Lumen	Size	Chip QTY	Voltage	Beam Angle	CCT	CRI	IP	IK
GD-M004-100W	100W	12000lm	550*300*90mm	112	AC110-277V	60°120°	2700K-6500K	Ra>70	IP66	IK08
GD-M004-150W	150W	18000lm	650*300*90mm	168	AC110-277V	60°120°	2700K-6500K	Ra>70	IP66	IK08
GD-M004-200W	200W	24000lm	750*300*90mm	224	AC110-277V	60°120°	2700K-6500K	Ra>70	IP66	IK08
GD-M004-250W	250W	30000lm	850*300*90mm	280	AC110-277V	60°120°	2700K-6500K	Ra>70	IP66	IK08





SHOMO'O DUBAI



SHOMO'O DUBAI

**LED**



IP66

Ra=80

130  
LM/W

5years

### Application

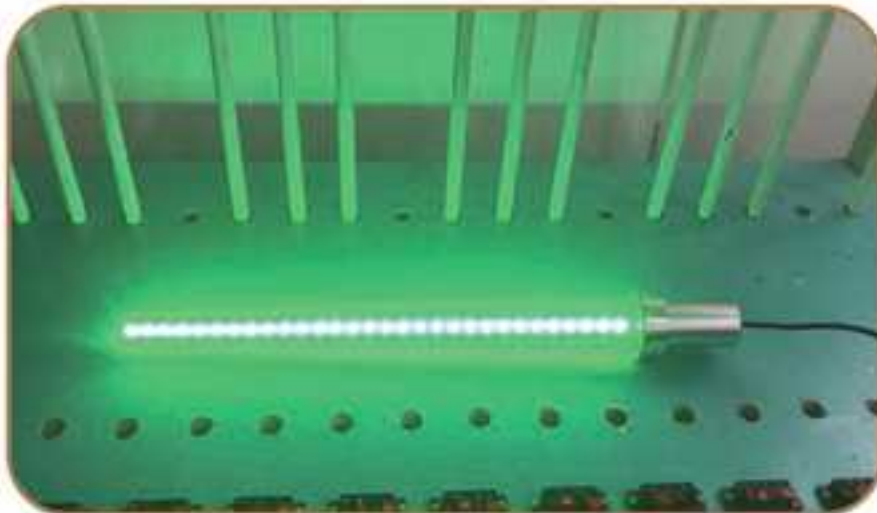
- Road and Street Lighting
- Parking
- Compound
- Pedestrian Path
- 5 Years Warranty

### Technical Details

- Input Voltage 110-277V
- Frequency Temperature
- -25°C- 65°C
- IP66
- IK08

### Features

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- Powder coat paint finish
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- Using the whole structure cooling technology, obtain efficient cooling performance
- Clear PC lenses
- Surge protection 10KV
- Adjustable angle
- Photocontrol, Energy saving automatically turn on at dark, turn off at dawn.
- Dimmable Driver



Model	Power	Lumen	Size	Net Weight	Chip QTY	Voltage	Beam Angle	CCT	CRI	IP	IK
SH-20W-BG	20W	2400lm	680*80*80mm	0.60kgs	72PCS	AC110-277V	60*120°	2700K-6500K	Ra>70	IP66	IK08







SHIMO'O DUBAI

**LED**

**PHILIPS  
LUMILEDS**



**IP66**

**Ra=80**

**130  
LM/W**

**5years**

### Application

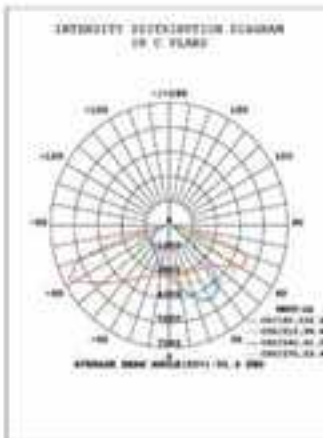
- Road and Street Lighting
- Parking
- Compound
- Pedestrian Path
- 5 Years Warranty

### Technical Details

- Input Voltage 110-277V
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- -25°C- 65°C
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- IK08

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- Powder coat paint finish
- Tempered glass design
- Using the whole structure cooling technology, obtain efficient cooling performance
- Clear PC lenses
- Surge protection 10KV
- Adjustable angle
- Photocontrol, Energy saving automatically turn on at dark, turn off at dawn.
- Dimmable Driver



Model	Power	Lumen	Size	Chip QTY	Voltage	Beam Angle	CCT	CRI	IP	IK
M1A	60W	2400lm	253*54*1.5mm	56PCS	AC110-277V	60*120°	2700K-6500K	Ra>70	IP66	IK08









SHOMO'O DUBAI

# SOLAR LED



## Integrated Solar Led Street Light

Scope of Application:

Most of the urban roads, Squares, parks, Residential areas, institutions, military barracks, industrial areas, farms, resorts, villas, courtyards and other outdoor places of lighting.



## Technical Dade

Model No	SL-HA-150W	Wattage	30W
Solar panel	Monocrystalline 6V 55W	Battery	3.2V 50AH Lifep04
Material Housing	Aluminum	LED quantity	150pcs
Lighting mode	Radar induction control + light control + time control	Charging time	Effective sunshine for 6 hours
Discharging time	3-5 Cloudy and rainy days.	Height of the pole advice	5-7m
Lamp pole diameter	Φ60-Φ90mm	Product Size	1080*345*50mm
Waterproof class	IP66	Charging conditions	-25°C - +85°C
Operating time	10 hours	Warranty	5 years





SHOMO'O DUBAI

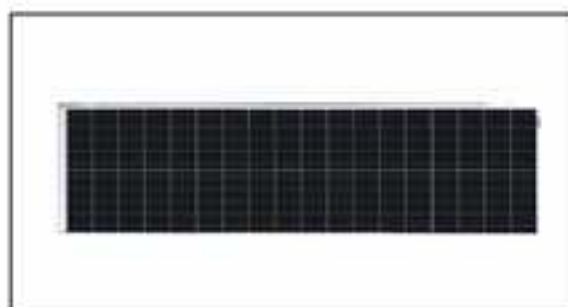
# SOLAR LED



## Integrated Solar Led Street Light

Scope of Application:

Most of the urban roads, Squares, parks, Residential areas, institutions, military barracks, industrial areas, farms, resorts, villas, courtyards and other outdoor places of lighting.



## Technical Dade

Model No	SL-HA-200W	Wattage	50W
Solar panel	Monocrystalline 6V 75W	Battery	3.2V 70AH Lifep04
Material Housing	Aluminum	LED quantity	200pcs
Lighting mode	Radar induction control + light control + time control	Charging time	Effective sunshine for 6 hours
Discharging time	3-5 Cloudy and rainy days.	Height of the pole advice	5-8m
Lamp pole diameter	Φ60-Φ90mm	Product Size	1300*340*50mm
Waterproof class	IP66	Charging conditions	-25°C - +85°C
Operating time	10 hours	Warranty	5 years







SHOMO'A DUBAI

# SOLAR LED

**PHILIPS  
LUMILEDS**



## Integrated Solar Led Street Light

Scope of Application:

Most of the urban roads, Squares, parks, Residential areas, institutions, military barracks, industrial areas, farms, resorts, villas, courtyards and other outdoor places of lighting.



## Technical Dade

Model No	SL-HB-200W	Wattage	30W
Solar panel	Monocrystalline 6V 50W	Battery	3.2V 50AH Lifep04
Material Housing	Aluminum	LED quantity	240pcs
Lighting mode	Radar induction control + light control + time control	Charging time	Effective sunshine for 6 hours
Discharging time	3-5 Cloudy and rainy days.	Height of the pole advice	5-7m
Lamp pole diameter	Φ60-Φ90mm	Product Size	860*350*130mm
Waterproof class	IP66	Charging conditions	-25°C - +85°C
Operating time	10 hours	Warranty	5 years







SHOMO'O DUBAI

# SOLAR LED

**PHILIPS**  
**LUMILEDS**



## Integrated Solar Led Street Light

Scope of Application:

Most of the urban roads, Squares, parks, Residential areas, institutions, military barracks, industrial areas, farms, resorts, villas, courtyards and other outdoor places of lighting.



## Technical Dade

Model No	SL-HB-300W	Wattage	30W
Solar panel	Monocrystalline 6V 30W	Battery	3.2V 30AH Lifep04
Material Housing	Aluminum	LED quantity	900pcs
Lighting mode	Radar induction control + light control + time control	Charging time	Effective sunshine for 6 hours
Discharging time	2-3 Cloudy and rainy days.	Height of the pole advice	5-7m
Lamp pole diameter	Φ60-Φ90mm	Product Size	750*290*75mm
Waterproof class	IP66	Charging conditions	-25°C - +85°C
Operating time	10 hours	Warranty	5 years









SHOMO'O DUBAI

# SOLAR LED



## Separated Solar Led Street Light

Scope of Application:

Most of the urban roads, Squares, parks, Residential areas, institutions, military barracks, industrial areas, farms, resorts, villas, courtyards and other outdoor places of lighting.



## Technical Dade

Model No	SL-HC-200W	Wattage	80W
Solar panel	Monocrystalline 18V 140W	Battery	12.8V 60AH Lifep04
Material Housing	Aluminum	LED quantity	240pcs
Lighting mode	Radar induction control + light control + time control	Charging time	Effective sunshine for 6 hours
Discharging time	3-5 Cloudy and rainy days.	Height of the pole advice	8-12m
Lamp pole diameter	Φ60-Φ90mm	Product Size	785*347*156mm
Waterproof class	IP66	Charging conditions	-25°C - +85°C
Operating time	10 hours	Warranty	5 years





SHOMO'O DUBAI





SHOMO'O DUBAI

# SOLAR LED



## Integrated Solar Led Street Light

Scope of Application:

Most of the urban roads, Squares, parks, Residential areas, institutions, military barracks, industrial areas, farms, resorts, villas, courtyards and other outdoor places of lighting.



## Technical Dade

Model No	SL-HC-300W	Wattage	30W
Solar panel	Monocrystalline 6V 60W	Battery	3.2V 60AH Lifep04
Material Housing	Aluminum	LED quantity	805pcs
Lighting mode	Radar induction control + light control + time control	Charging time	Effective sunshine for 6 hours
Discharging time	3-5 Cloudy and rainy days.	Height of the pole advice	5-7m
Lamp pole diameter	Φ60-Φ90mm	Product Size	495*210*50mm
Waterproof class	IP66	Charging conditions	-25°C - +85°C
Operating time	10 hours	Warranty	5 years





**IP65** WATERPROOF



Shomo'o Dubai

# SOLAR LED



## Integrated Solar Led Street Light

Scope of Application:

Most of the urban roads, Squares, parks, Residential areas, institutions, military barracks, industrial areas, farms, resorts, villas, courtyards and other outdoor places of lighting.



## Technical Dade

Model No	SL-HD-300W	Wattage	30W
Solar panel	Monocrystalline 6V 30W	Battery	3.2V 30AH Lifep04
Material Housing	ABS	LED quantity	800pcs
Lighting mode	Radar induction control + light control + time control	Charging time	Effective sunshine for 6 hours
Discharging time	2-3 Cloudy and rainy days.	Height of the pole advice	5-7m
Lamp pole diameter	Φ60-Φ90mm	Product Size	677*342*70mm
Waterproof class	IP66	Charging conditions	-25°C - +85°C
Operating time	10 hours	Warranty	3 years









Shomo'o Dubai

# SOLAR LED



## Integrated Solar Led Street Light

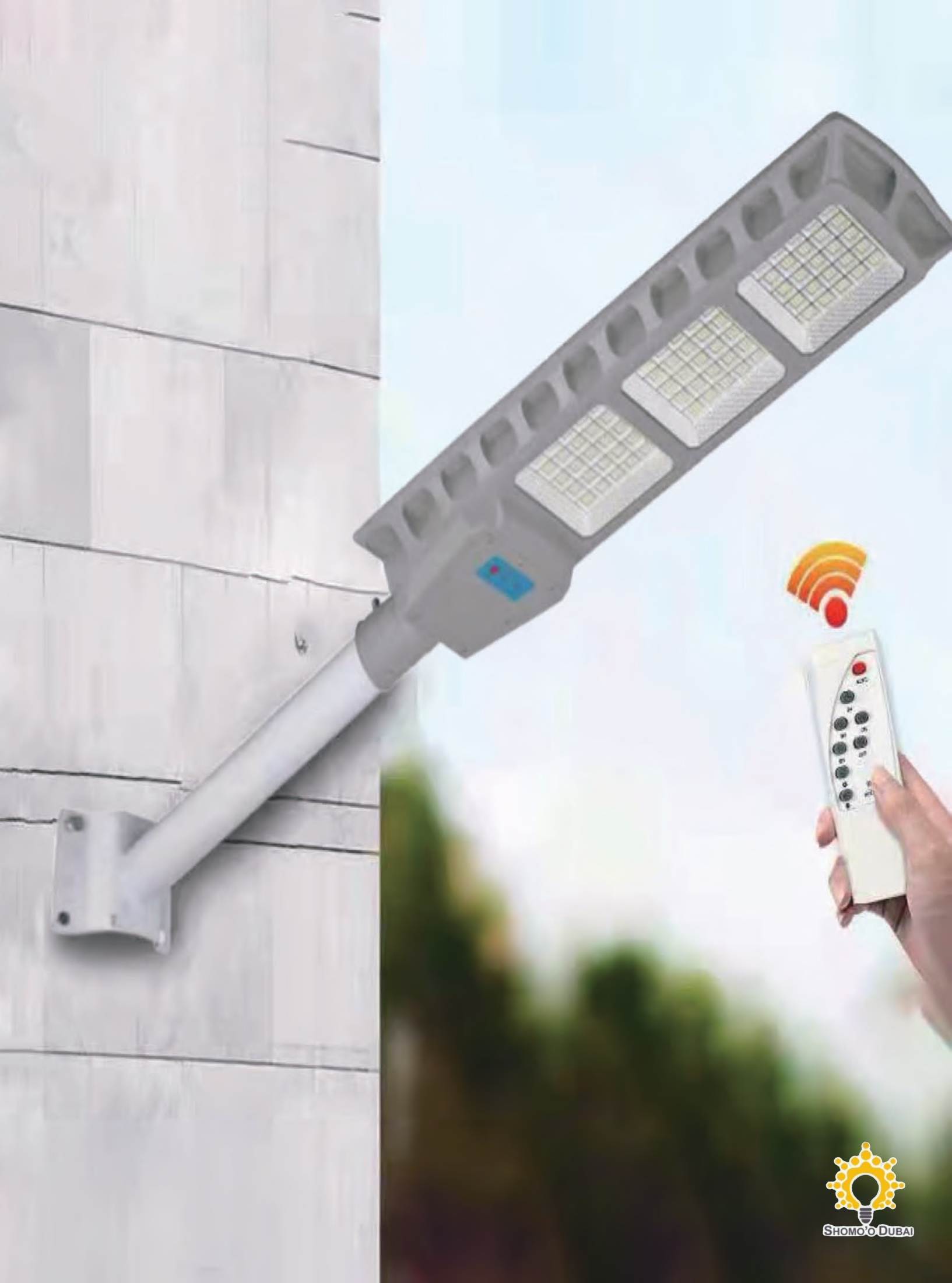
Scope of Application:

Most of the urban roads, Squares, parks, Residential areas, institutions, military barracks, industrial areas, farms, resorts, villas, courtyards and other outdoor places of lighting.



## Technical Dade

Model No	SL-HB-300W	Wattage	30W
Solar panel	Monocrystalline 6V 30W	Battery	3.2V 30AH Lifep04
Material Housing	ABS	LED quantity	900pcs
Lighting mode	Radar induction control + light control + time control	Charging time	Effective sunshine for 6 hours
Discharging time	2-3 Cloudy and rainy days.	Height of the pole advice	5-7m
Lamp pole diameter	Φ60-Φ90mm	Product Size	750*290*75mm
Waterproof class	IP66	Charging conditions	-25°C - +85°C
Operating time	10 hours	Warranty	3 years





SHIMO'O DUBAI

# SOLAR LED

**PHILIPS  
LUMILEDS**



## Integrated Solar Led Street Light

Scope of Application:

Most of the urban roads, Squares, parks, Residential areas, institutions, military barracks, industrial areas, farms, resorts, villas, courtyards and other outdoor places of lighting.



## Technical Dade

Model No	SL-HF-300W	Wattage	30W
Solar panel	Monocrystalline 6V 20W	Battery	3.2V 24AH Lifep04
Material Housing	Aluminum	LED quantity	900pcs
Lighting mode	Radar induction control + light control + time control	Charging time	Effective sunshine for 6 hours
Discharging time	2-3 Cloudy and rainy days.	Height of the pole advice	5-7m
Lamp pole diameter	Φ60-Φ90mm	Product Size	808*240*70mm
Waterproof class	IP66	Charging conditions	-25°C - +85°C
Operating time	10 hours	Warranty	5 years





SHOMO'O DUBAI



SHOMO'A DUBAI

# SOLAR LED



## Integrated Solar Led Street Light

Scope of Application:

Most of the urban roads, Squares, parks, Residential areas, institutions, military barracks, industrial areas, farms, resorts, villas, courtyards and other outdoor places of lighting.



## Technical Dade

Model No	SL-HM-50W	Wattage	50W
Solar panel	Monocrystalline 18V 80W	Battery	12.8V 40AH Lifep04
Material Housing	Aluminum	LED quantity	200pcs
Lighting mode	Radar induction control + light control + time control	Charging time	Effective sunshine for 6 hours
Discharging time	3-5 Cloudy and rainy days.	Height of the pole advice	5-8m
Lamp pole diameter	Φ60-Φ90mm	Product Size	1295*362*45
Waterproof class	IP66	Charging conditions	-25°C - +85°C
Operating time	10 hours	Warranty	5 years



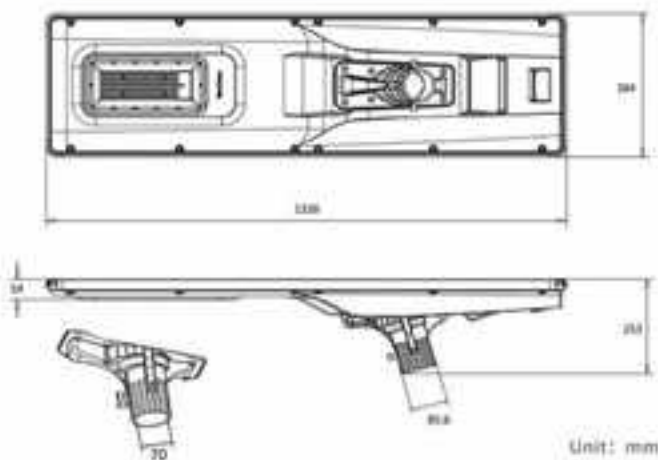
# Solar Street Light

Integrated Solar Street Light

## Solar Flat Light



### Product Specifications



LiFePO<sub>4</sub> Battery



Outdoor Optical Lens

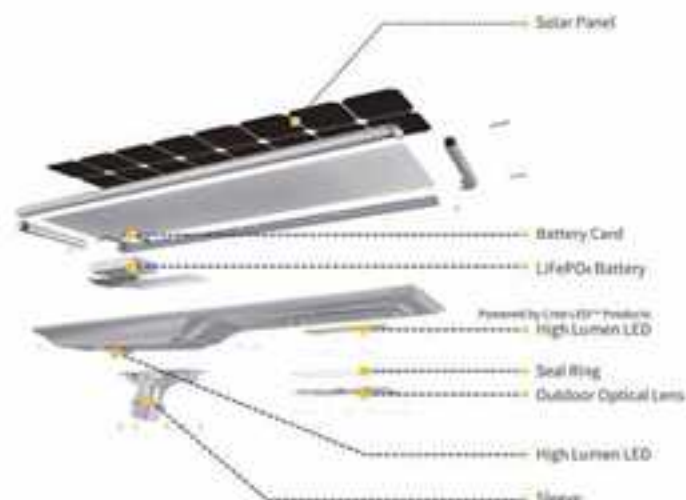


High Lumen LED 3400

Powered by CREE LED Products



Grade-A Solar Cells



SHOMO'O DUBAI





SHOMO'O DUBAI

# SOLAR LED



## Separated Solar Led Street Light

Scope of Application:

Most of the urban roads, Squares, parks, Residential areas, institutions, military barracks, industrial areas, farms, resorts, villas, courtyards and other outdoor places of lighting.



### Product Advantage



100pcs+100pcs  
100pcs+100pcs  
100pcs+100pcs  
100pcs+100pcs  
100pcs+100pcs  
100pcs+100pcs  
100pcs+100pcs  
100pcs+100pcs



## Technical Dade

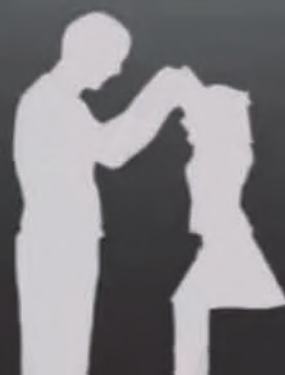
Model No	SL-HN-100W	Wattage	100W
Solar panel	Monocrystalline 6V 100W	Battery	3.2V 200AH Lifep04
Material Housing	Aluminum	LED quantity	100pcs+RGB 12PCS
Lighting mode	Radar induction control + light control + time control	Charging time	Effective sunshine for 6 hours
Discharging time	3-5 Cloudy and rainy days.	Height of the pole advice	8-10m
Lamp pole diameter	Φ60-Φ90mm	Product Size	1338*384*245mm
Waterproof class	IP66	Charging conditions	-25°C - +85°C
Operating time	10 hours	Warranty	5 years



## INTELLIGENT SENS

120° induction ra

People to all bright people go slightly bright



SHOMO'O DUBAI





Shomo'o Dubai

# SOLAR LED



## Integrated Solar Led Street Light

Scope of Application:

Most of the urban roads, Squares, parks, Residential areas, institutions, military barracks, industrial areas, farms, resorts, villas, courtyards and other outdoor places of lighting.



## Technical Dade

Model No	UFO-SL-300W	Wattage	30W
Solar panel	Monocrystalline 6V 28W	Battery	3.2V 24AH Lifep04
Material Housing	ABS	LED quantity	1212pcs+RGB 70pcs
Lighting mode	Radar induction control + light control + time control	Charging time	Effective sunshine for 6 hours
Discharging time	2-3 Cloudy and rainy days.	Height of the pole advice	5-7m
Lamp pole diameter	Φ60-Φ90mm	Product Size	590*590*65mm
Waterproof class	IP66	Charging conditions	-25°C - +85°C
Operating time	10 hours	Warranty	3 years



# SOLAR LED TESTING METHODS & CERTIFICATIONS

## All in one Solar LED Street Light



الهيئة السعودية للمواصفات والمقاييس والجودة  
Saudi Standards, Metrology and Quality Org.  
(ISCEE) شهادة اعتراف بمشاهدة  
Recognition Certificate of (ISCEE) Certificate  
NO: 20220399183





# Integrated Solar Street Lamp

SHOMO'O DUBAI TRADING ESTABLISHMENT  
Professional LED Lighting Manufacturer

## Product Parameters



30W



50W



80W



100W



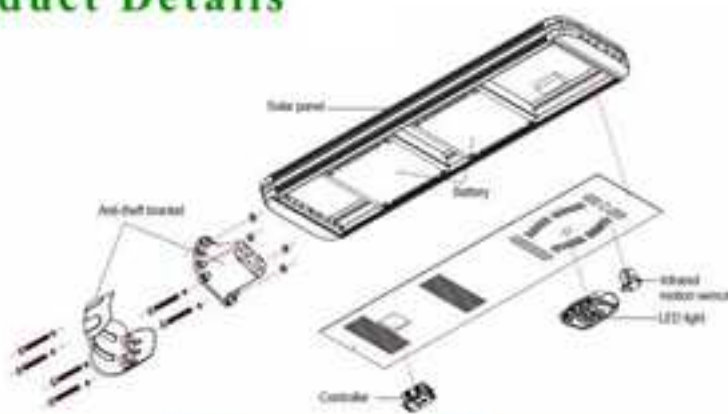
150W



180W

Model	Power	Product Size	Solar Panel	Battery	Lumen
SH-MA-30W	30W	780*240*50mm	18V / 30W	12.8V / 18Ah	180lm/w
SH-MA-50W	50W	930*320*50mm	18V / 50W	12.8V / 24Ah	180lm/w
SH-MA-80W	80W	1080*340*50mm	18V / 80W	12.8V / 36Ah	180lm/w
SH-MA-100W	100W	1300*340*50mm	18V / 100W	12.8V / 42Ah	180lm/w
SH-MA-200W	150W	1469*420*50mm	18V / 130W	12.8V / 60Ah	180lm/w
SH-MA-300W	180W	1400*673*50mm	18V / 170W	12.8V / 90Ah	180lm/w

## Product Details



Solar Energy



Long Life Battery



Adjustable Brightness



Intelligent Controller



Water-proof



# Product Parameter

## All in one solar led street light

<b>Model No</b>	<b>SH-MA-200W</b>
<b>Power</b>	<b>30W</b>
<b>Solar panel</b>	<b>Monocrystalline 6V 70W</b>
<b>Battery</b>	<b>3.2V 70AH Lifepo4</b>
<b>Led Chips Qty</b>	<b>SMD3030 300pcs</b>
<b>Color Temperature</b>	<b>6500K</b>
<b>Lumen efficiency</b>	<b>160-180lm/w</b>
<b>Lumen</b>	<b>5400lm</b>
<b>controller</b>	<b>3.2V</b>
<b>working Temperature</b>	<b>-25℃—+65℃</b>
<b>Lighting mode</b>	<b>Microwave control + light control + time control</b>
<b>Charging time</b>	<b>Effective sunshine for 6 hours</b>
<b>Discharging time</b>	<b>3-5 Cloudy and rainy days</b>
<b>Height of the pole advice</b>	<b>5-8m</b>
<b>Lamp pole diameter</b>	<b>Φ65-Φ105mm</b>
<b>Product Size</b>	<b>1300*340*50mm</b>
<b>Waterproof class</b>	<b>IP65</b>
<b>Material Housing</b>	<b>Aluminum</b>
<b>Gross Weight</b>	<b>8kgs</b>
<b>Packing Size</b>	<b>136*36*11cm / 1 pcs</b>



# IECEE

الهيئة السعودية للمواصفات والمقاييس والجودة  
Saudi Standards, Metrology and Quality Org.

## شهادة اعتراف بشهادة (IECEE) Recognition Certificate of (IECEE) Certificate No.: 20220399183 الرقم:

بناءً على شهادة الاختبار وتقرير الاختبار الموضحة بياناتها أدناه، وكون الهيئة السعودية للمواصفات والمقاييس والجودة هي جهاز منح الشهادات الوطني وعضو مشارك في الهيئة الدولية لتقويم المطابقة ومنح الشهادات للأجهزة والمكونات الكهربائية وتقنية (IECEE)، فقد تم منح هذه الشهادة اعترافاً بأن المنتج الموضح بياناته أدناه مطابق للمواصفات القياسية والفروقات الوطنية ذات العلاقة.

According to the test certificate and test report that their information is mentioned below, and as Saudi Standards, Metrology and Quality Organization (SASO) is the national certification body and a participant member in IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE). Therefore, this certificate is granted as a recognition that the below mentioned product is conformed to the related national standards and differences.

Company name:	HAMM IMPORT & EXPORT CO., LTD	اسم الشركة المطبقة:
Technical requirements / Standard references:	SASO GSO IEC 60598-2-3	المتطلبات الفنية / القياسية:
The issuing body of test certificate:	TÜV Rheinland LGA Products GmbH	جهة إصدار شهادة الاختبار:
DE 2-036657	رقم شهادة الاختبار CB test certificate No.	رقم تقرير الاختبار Test report No.
	CN22JWVD 001	

### بيانات المنتج Product Information

Product name:	Lighting and its parts (required SLS Certificate)	اسم المنتج:
Technology name:	Light Emitting Diode (LED)	اسم التقنية:
Trade mark name:	SHOMO'O DUBAI	اسم العلامة التجارية:
Additional information:	SHOMO'O DUBAI TRADING ESTABLISHMENT	معلومات إضافية:

Expiry date: 06/10/2023 تاريخ الانتهاء

لا تسعمل هذه الشهادة إلا مع هذا المنتج فقط دون أدنى مسؤولية على الهيئة في ذلك  
This certificate is used only for this product without any responsibility on the side of SASO towards others rights



لتفحص هذه الشهادة، اطلب من مورديك أو الممثلين المحليين في المملكة العربية السعودية وأي معلومات أو استبيانات لتفحصها في الهيئة.

www.saso.gov.sa  
This is an electronic certificate and does not require stamp and signature.  
Visit SASO website (www.saso.gov.sa) to verify this certification.  
Any changes or modification on this certificate will affect its validity.  
Riadah 3437 Riyadh 11471 KSA  
Tel: 920000003 Fax: +966114525006

هذه الشهادة معتمدة إلكترونيًا ولا تحتاج إلى ختم أو توقيع.  
الرجاء من صيغة هذه الشهادة إلى جريدة مواصفات على الإنترنت  
www.saso.gov.sa  
أو التفت إلى الممثلة المحلية في المملكة العربية السعودية  
ص.ب. 3437 الرياض 11471 ك.س.أ  
هاتف: 920000003 فاكس: +966114525006



الهيئة السعودية للمواصفات والمقاييس والجودة  
Saudi Standards, Metrology and Quality Org.

ملحق الشهادة

Appendix

Company Name

HAMM IMPORT & EXPORT CO., LTD

اسم الشركة

Trade Mark Name

SHOMO'O DUBAI

اسم العلامة  
التجارية

06/10/2023

تاريخ انتهاء الشهادة  
Certificate Expiration date

20220399183

رقم الشهادة  
Certificate Number :

رقم التسلسل Serial No	رقم الطراز Model Number	رقم شهادة كفاءة الطاقة Energy Efficiency Certificate Number
1	SH-ME-300W	LP2082243986
2	SH-MA-300W	LP2082243981
3	SH-MB-250W	LP2082243982
4	SH-MC-200W	LP2082243984
5	SL-HD-300W	LP2082243992



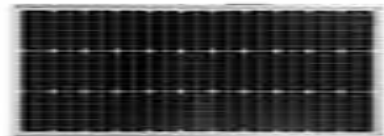
# Product Introduction



**Model No: SH-MA-200W**



**Aluminum body**



**High lumen led  
chips**

**Different install arm available**

# Intelligent Remote Control



# Product Details





1. Monocrystalline Solar Panels  
it quickly capture solar energy and can collect energy even on cloudy days
2. Lithium LifePo4 battery
3. High lumen led chips 300pcs
4. Aluminum Shell. lamp body Size: 1460\*420\*50mm



# Product Application



**Different shape Arm available**  
**3.2V system or 12.8V system available**  
**working with sensor or no sensor available**





SHOMO'O DUBAI





SHOMO'O DUBAI







SHOMO'O DUBAI





# CERTIFICATIONS



# CERTIFICATE

This is to Certify that the  
Quality Management System  
of

**SHOMOO DUBAI TRADING EST**

**8136 MOHAMED BIN DRAID, AL SULAIN 4651, ZIP 14267, KSA.**

has been found to comply with

**ISO 9001:2015**

This certificate is applicable to the following scope

**Supply of LED Street Lights, HDG / Painted Steel Lighting Poles, Fiberglass Lighting Poles, Aluminum Poles, Flag Poles, High Mast, Traffic Signal Poles, Antenna Poles & Towers, Steel Structural Products and Anchor Bolts**

**:: Certificate No :: I-QSC201903087**

Date of initial registration	03, March 2019
Surveillance audit on or before	03, February 2020
Certificate expiry	02, March 2020
Recertification Due	02, March 2021

Authorized Signatory

**BQC Assessment Private Limited**

Website : [www.bqccert.com](http://www.bqccert.com), E-mail : [info@bqccert.com](mailto:info@bqccert.com)

**Accredited by International Accreditation Service**

The validity of this certificate can be verified at [www.bqccert.com](http://www.bqccert.com) or through [info@bqccert.com](mailto:info@bqccert.com). This certificate is the property of BQC Assessment Pvt Ltd, and must be returned on request. Accreditation details are available with IAS, (International Accreditation Services) Inc. USA at [www.iasonline.org](http://www.iasonline.org)



# PHILIPS

## 授权证书

兹授予

SHOMO'O DUBAI TRADING ESTABLISHMENT

2021年

昕诺飞OEM（原厂配套）渠道之  
飞利浦LED模组与电源产品

### 特约合作伙伴

（非电子商务平台授权）

有效期：2021年1月1日-2021年12月31日

证书编号：O216f9ad

①



扫码关注公众号

②



扫码查询授权证书



昕诺飞（中国）投资有限公司

# Signify

# IECEE



الهيئة السعودية للمواصفات والمقاييس والجودة  
Saudi Standards, Metrology and Quality Org.

## شهادة اعتراف بشهادة (IECEE) Recognition Certificate of (IECEE) Certificate الرقم: 20210252933

بناء على شهادة الاختبار وتقرير الاختبار الموضحة بياناتها أدناه، وتكون الهيئة السعودية للمواصفات والمقاييس والجودة هي جهاز منح الشهادات الوطني وعمو مشترك في الهيئة الدولية لتقويم المطابقة ومنح الشهادات للأجهزة والمكونات الكهربائية (IECEE). فقد تم منح هذه الشهادة اعترافاً بأن المنتج الموضح بياناته أدناه مطابق للمواصفات القياسية والفروقات الوطنية ذات العلاقة.

According to the test certificate and test report that their information is mentioned below, and as Saudi Standards, Metrology and Quality Organization (SASO) is the national certification body and a participant member in IEC System of Conformity Assessment Schemes for Electro-technical Equipment and Components (IECEE). Therefore, this certificate is granted as a recognition that the below mentioned product is conformed to the related national standards and differences.

Company name:	HAMM IMPORT & EXPORT CO., LTD	اسم الشركة المصنعة
Technical requirements / Standard references:	SASO IEC 60598-2-3	المتطلبات الفنية / القياسية
The issuing body of test certificate:	TÜV Rheinland Japan Ltd.	جهة إصدار شهادة الاختبار
JPTUV-119724-M1	رقم شهادة الاختبار CB test certificate No.	رقم تقرير الاختبار Test report No.
	50401059 002	

### بيانات المنتج Product Information

Product name:	Lighting and its parts (required SLS Certificate)	اسم المنتج
Technology name:	LED Luminaire (Street Lighting)	اسم التقنية
Trade mark name:	SHOMO'O DUBAI	اسم العلامة التجارية
Additional information:	SHOMO'O DUBAI TRADING ESTABLISHMENT	معلومات إضافية

Expiry date: 26/07/2022 تاريخ الانتهاء

لا تستعمل هذه الشهادة إلا مع هذا المنتج فقط دون أدنى مسؤولية على الهيئة في ذلك  
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الهيئة السعودية للمواصفات والمقاييس والجودة

This is an electronic certificate and does not require stamp and signature

the SASO website (www.saso.gov.sa) to verify this certification

Any changes or modification on this certificate will affect its validity

PO Box 3417 Riyadh 11471 KSA

Tel: 800000021 Fax: +966114120096

هذه الشهادة مصدقة إلكترونياً ولا تحتاج إلى ختم أو توقيع.

يمكن التحقق من صحة هذه الشهادة من خلال زيارة موقعنا على الإنترنت

www.saso.gov.sa

أي تغيير أو تعديل على هذه الشهادة سيؤثر على صحتها

ص.ب. 3417 الرياض 11471 المملكة العربية السعودية

هاتف: 800000021 فاكس: +966114120096



الهيئة السعودية للمواصفات والمقاييس والجودة  
Saudi Standards, Metrology and Quality Org.

## ملحق الشهادة

### Appendix

Company Name	HAMM IMPORT & EXPORT CO., LTD	اسم الشركة
Trade Mark Name	LED Luminaire (Street Lighting)	اسم العلامة التجارية
26/07/2022	تاريخ انتهاء الشهادة Certificate Expiration date	20210252933 رقم الشهادة Certificate Number

رقم التسلسل Serial No	رقم الطراز Model Number	رقم شهادة كفاءة الطاقة Energy Efficiency Certificate Number
1	GA-KE-150W	LP2052122055
2	GA-RF-300W	LP2052122074
3	HA-100W-GT	LP2052122118
4	HA-150W-GT	LP2052122117
5	HA-200W-GTA	LP2052122776
6	HA-250W-FS	LP2052122121
7	HA-300W-FS	LP2052122120





Ref. Certif. No.

JPTUV-119724-M1

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT  
(IECEE) CB SCHEME

## CB TEST CERTIFICATE

Product

LED STREET LIGHT

Name and address of the applicant

SHOMO'O DUBAI TRADING ESTABLISHMENT  
RIYADH SULEY ESTANBOOL ROAD DISTRICT  
RIYADH, Saudi Arabia

Name and address of the manufacturer

HAMM IMPORT & EXPORT CO., LTD  
No.6.1 Tianan Shuma Building,  
Jianping Road No. 12, Guicheng Street, Nanhai District,  
Foshan City, Guangdong, P.R. China

Name and address of the factory

HAMM IMPORT & EXPORT CO., LTD  
No.6.1 Tianan Shuma Building,  
Jianping Road No. 12, Guicheng Street, Nanhai District,  
Foshan City, Guangdong, P.R. China

Ratings and principal characteristics

AC 110-277V, 50/60Hz; Class I; IP65; ta: 40°C  
1) 100W ; 2) 150W ; 3) 200W ; 4) 250W ; 5) 300W

Trademark (if any)

Graphical trademark of SHOMO'O DUBAI

Customer's Testing Facility (CTF) Stage used

N/A

Model / Type Ref.

1) HA-100W-GT ; 2) HA-150W-GT; GA-KE-150W ;  
3) HA-200W-GTA ; 4) HA-250W-FS;  
5) HA-300W-FS; GA-RF-300WAdditional information (if necessary may  
also be reported on page 2)For model differences, refer to the test report.  
Re-issue of JPTUV-119724 dated 08.02.2021,  
due to first modification.A sample of the product was tested and  
found to be in conformity withIEC 60598-2-3:2002+A1  
IEC 60598-1:2014+A1As shown in the Test Report Ref. No. which  
forms part of this Certificate

50401059 002

This CB Test Certificate is issued by the National Certification Body



TÜVRheinland®

TÜV Rheinland Japan Ltd.  
Global Technology Assessment Center  
4-25-2 Kita-Yamata, Tsuzuki-ku  
Yokohama 224-0021, Japan  
Phone + 81 45 914-3888  
Fax + 81 45 914-3354  
Mail: info@jpn.tuv.com  
Web: www.tuv.com

Date: 2021-04-23

Signature:

Ramble Xie

# Certificate For Energy Efficiency Label



الهيئة العامة للمواصفات والمقاييس  
Saudi Standards, Metrology and Quality Org.

**The Saudi Standards, Metrology and Quality Org. (SASO)**

has certified : **HAMM IMPORT & EXPORT CO., LTD** to use the energy efficiency certificate  
according to **SASO 2927:2019**, for the **Lighting Part3** product and technology **LED\_LUMINAIRE\_STREET\_LIGHT** :-

Type of Product	Brand name	Model's number	Rated Power (W)	Rated Lumen Flux (lm/w)	Driver Efficiency (η)	Factory Country	Color Temperature (K)	Classification
Luminaire	SHOMO'O DUBAI	HA-200W-GTA	200	24000	NA	China	4000	A
Control Gear	Philips	Xitanium 200W 3.3-5.6A AOC 1-10 GL I220	200	NA	0.89	China	NA	

\* Expiry Date: **1443-12-01 AH, 30-Jun-2022 AD**

This certificate is subject during its validation to the related Rules & Regulations of the Kingdom of Saudi Arabia, and any Instructions or Amendments issued by SASO.



Application No: E22776/2021



هذه الوثيقة تم توقيعها إلكترونياً  
This document is digitally signed

122776



الهيئة السعودية للمواصفات والمقاييس والجودة  
Saudi Standards, Metrology and Quality Org.

بطاقة كفاءة الطاقة  
ENERGY EFFICIENCY LABEL



LIGHTING

الإضاءة

STREET LIGHTING

إنارة الشوارع



BRAND NAME العلامة التجارية

SHOMO'O DUBAI

MADE IN بلد الصنع

China



MODEL NUMBER رقم الطراز

HA-200W-GTA

LIGHTING TYPE نوع الإنارة

Street Light

E22776/2021

رقم التسجيل  
REGISTRATION NO

STANDARD REFERENCE NO SASO 2927:2019

الرقم المرجعي للمواصفة

إزالة أو تغطية أو العبث بهذه البطاقة قبل البيع يجعلك عرضة للمسؤولية النظامية  
Removing, covering or altering this label before sale can subject you to legal liability





## SHOMO'O DUBAI TRADING ESTABLISHMENT



# IECEE

الهيئة السعودية للمواصفات والمقاييس والجودة  
Saudi Standards, Metrology and Quality Org.

شهادة اعتراف بشهادة (IECEE)  
Recognition Certificate of (IECEE) Certificate  
No.: 20210252933 الرقم:

**LED STREET  
LIGHT**



IP66 130-140LM/W RA > 72 5 YEARS



[Http://www.shomoa-dubai.com](http://www.shomoa-dubai.com)



Email: muhammad123.hams@gmail.com



## SHOMO'O DUBAI TRADING ESTABLISHMENT

### Products Specification

#### Non-user replaceable light sources

للاستبدال القابلة غير الضوء مصادر

الشارع ضوء أدى Led street light	
Model نموذج	HA-200W-GTA
Power السلطة	200W
Operating voltage الجهد التشغيل	AC110-277V/50-60HZ
Lamp's Flux التدفق المصباح	24000lm
Luminous efficiency مضيئة كفاءة	120-135lm/w
Color Temperature حرارة درجة	4000K
LED QTY الكمية الصمام	240pcs
LED Type نوع LED	Philips
Beam Angle شعاع زاوية	75*150°
Center illuminance الإضاءة مركز	62LX ± 2LX
Operating Ambient temp درجة تعمل المحيطة الحرارة	-20℃ - +60℃
Maximum area affected by wind الحد بالرياح المتأثرة للمساحة الأقصى	0.321 m²
Material المواد	Aluminium alloy+Tempered glass الزجاج من خفف + الألومنيوم سبائك
IP grade IP الصف	IP66
IK Protection حماية إيك	IK08
CRI كوستاريكا	Ra>70
Lifespan عمر	50000 hours
Warranty الضمان	5 years
Wire الأسلاك	Heat resistant wire للحرارة مقاومة أسلاك
Certifications الشهادات	IECEE, EER, CE, RoHS
Dimensions أبعاد	830*347*103mm
Carton size الحجم كرتون	735*395*180mm
Net Weight الصافي الوزن	7.28kg



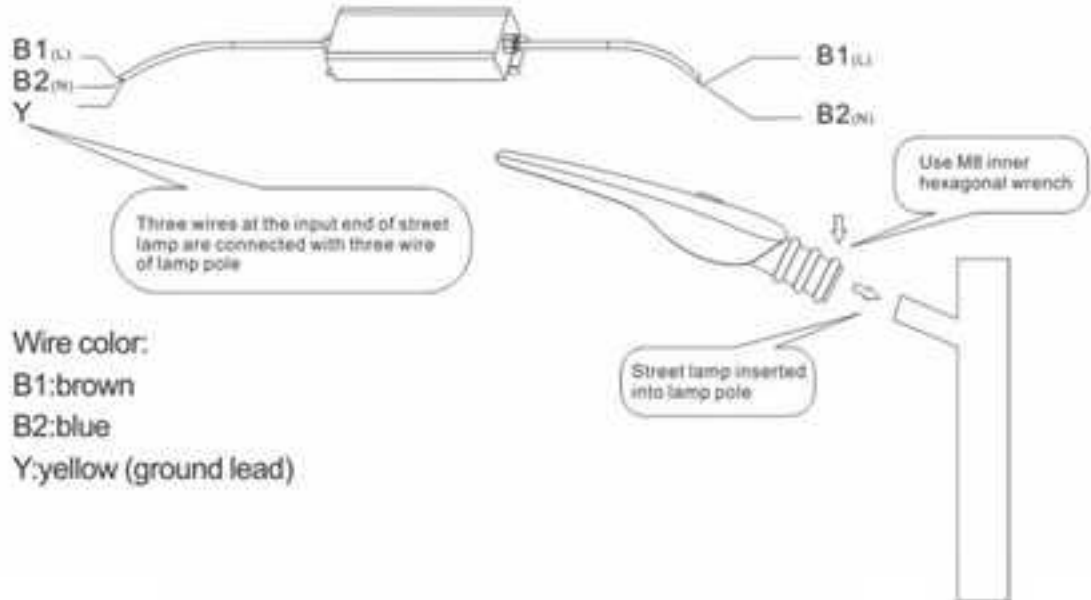


## SHOMO'O DUBAI TRADING ESTABLISHMENT

Gross Weight(1pcs) (1PCS)	الإجمالي الوزن 8.20 kg
Driver تشغيل برنامج	
Driver Brand التجارية العلامة سائق	Philips
Input Voltage الإدخال الجهد	AC110-277V
Input Frequency الإدخال تردد	50/60Hz
Powr Factor بوير عامل	≥0.95

### installation diagram

#### مخطط التثبيت







## SHOMO'O DUBAI TRADING ESTABLISHMENT





## SHOMO'O DUBAI TRADING ESTABLISHMENT

### الطرق إضاءة Road Lighting

**200W**

Led Street with Philips led chips, Philips driver, High Strength die-casting aluminum surface oxidation treatment. High strength dustproof, waterproof and corrosion resistant. High PF value, constant current and constant voltage driver, ensure the lamp performance is stable. Simple and convenient installation, it widely used in School, factory, highway, Parking lot, Square and so on.

العلاج سطح الألومنيوم صب يموت القوة عالية • Philips سائق • Philips من Led رقائق مع Led Street تشغيل برنامج وثابت الحالي ثابت، عالية PF قيمة. والتآكل للماء ومقاومة القوة عالية للغيبار مقاومة. الأكسدة والمصنع المدرسة في واسع نطاق على ويستخدم، ومريح بسيط تركيب. مستقرة المصباح أداء وضمان، الجهد جرا وهم وساحة السيارات ومواقف السريعة والطرق.

### ميزات Features



Compact and slim luminaire made from high quality material.

عالية جودة ذات مواد من مصنوعة luminaire ونحيفة متعجة.

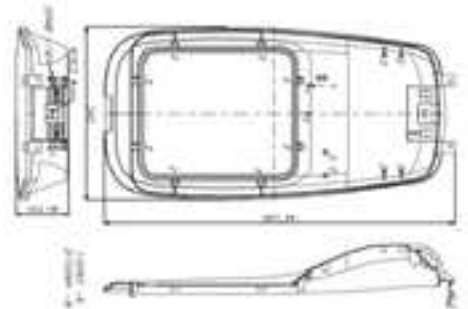
● Bulk Packaging-reduced cost and waste materials.

السالبية والتغليف التعبئة والمخلفات التكلفة خفض.

● High durability design عالية دواميتي تصميم.

● IES Type I II Optice view angle. عرض زاوية الثاني الأول نوع IES البصريات.

● 5 سنوات ضمان 5years warranty



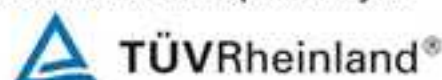
[Http://www.shomoa-dubai.com](http://www.shomoa-dubai.com)



Email: muhammao123.nams@gmail.com



Test Report issued under the responsibility of:



**TEST REPORT**  
**IEC 60598-2-3**  
**Luminaires**  
**Part 2: Particular requirements**  
**Section 3: Luminaires for road and street lighting**

Report Number.....: 50401059 002

Date of issue.....: 2021-04-22

Total number of pages.....: 6

Name of Testing Laboratory  
preparing the Report.....: Waltek Testing Group (Foshan) Co., Ltd.

Applicant's name.....: SHOMO' O DUBAI TRADING ESTABLISHMENT

Address.....: RIYADH SULY ESTANBOOL ROAD DISTRICT RIYADH, Saudi Arabia

Test specification:

Standard.....: IEC 60598-2-3:2002, AMD1:2011 used in conjunction with  
IEC 60598-1:2014, AMD1:2017

Test procedure.....: CB Scheme

Non-standard test method.....: N/A

Test Report Form No. ....: IEC60598\_2\_3L

Test Report Form(s) Originator ....: Intertek Semko AB

Master TRF.....: Dated 2018-03-09

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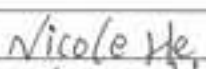
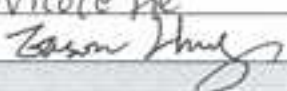
**This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.**

**General disclaimer:**

The test results presented in this report relate only to the object tested.

This report shall not be reproduced, except in full, without the written approval of the Issuing CB Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the NCB, responsible for this Test Report.



Test item description .....	LED STREET LIGHT	
Trade Mark .....		
Manufacturer .....	HAMM IMPORT & EXPORT CO., LTD No.6.1 Tianan Shuma Building, Jianping Road No.12, Guicheng Street, Nanhai District, Foshan City, Guangdong, P.R. China.	
Model/Type reference .....	HA-100W-GT, HA-150W-GT, HA-200W-GTA, HA-250W-FS, HA-300W-FS, GA-KE-150W, GA-RF-300W	
Ratings .....	110-277VAC; 50/60Hz, IP66, Class I, ambient temp 40°C, details see model list on page 6	
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
<input checked="" type="checkbox"/> CB Testing Laboratory:	Waltek Testing Group (Foshan) Co., Ltd.	
Testing location/ address .....	No. 13-19, 2/F, 2nd Building, Sunlink International Machinery City, Chencun Town, Shunde District, Foshan, Guangdong, China	
Tested by (name, function, signature) .....	Nicole He	
Approved by (name, function, signature) ..	Eason Huang	
<input type="checkbox"/> Testing procedure: CTF Stage 1:		
Testing location/ address .....		
Tested by (name, function, signature) .....		
Approved by (name, function, signature) ..		
<input type="checkbox"/> Testing procedure: CTF Stage 2:		
Testing location/ address .....		
Tested by (name + signature) .....		
Witnessed by (name, function, signature) ..		
Approved by (name, function, signature) ..		
<input type="checkbox"/> Testing procedure: CTF Stage 3:		
<input type="checkbox"/> Testing procedure: CTF Stage 4:		
Testing location/ address .....		
Tested by (name, function, signature) .....		
Witnessed by (name, function, signature) ..		
Approved by (name, function, signature) ..		
Supervised by (name, function, signature) :		

**List of Attachments (including a total number of pages in each attachment):**

The complete report consists of 6 pages.

**Summary of testing:****Tests performed (name of test and test clause):**

This report bases on report 50401059 001, for change the model number from HA-200W-GT to HA-200W-GTA, all test refer to report 50401059 001, no further test need to perform.

**Testing location:**

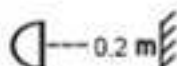
**Waltek Testing Group (Foshan) Co., Ltd.**

No. 13-19, 2/F, 2nd Building, Sunlink International Machinery City, Chencun Town, Shunde District, Foshan, Guangdong, China

**Summary of compliance with National Differences:**

**Copy of marking plate:**

The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective NCBs that own these marks.

**LED STREET LIGHT****Model : HA-300W-FS****110-277VAC 50/60Hz 300W 4000K****IP66 Ta: 40°C****MADE IN CHINA****SHOMO'O DUBAI****صنع في الصين**

On the enclosure of product



On the lamp cover


L: Brown  
N: Blue  
GND: Green/Yellow

Taped on the input cord

SELV source  
(Max. 10V)  
+: White  
-: Black

Taped on the dimming wire (for models HA-250W-FS, HA-300W-FS only)

**Note**

1. The height of letters and numerals was not less than 2mm.
2. The height of the other graphical symbols was not less than 5mm.
3. The height of the symbols  was not less than 15mm.
4. This is a representative label, the others are identical to it except model name and wattage.



<b>Test item particulars</b> .....:	
<b>Classification of installation and use</b> .....: Class I; for outdoor used	
<b>Supply Connection</b> .....: Connecting leads (tails)	
.....:	
<b>Possible test case verdicts:</b>	
- test case does not apply to the test object.....: N/A	
- test object does meet the requirement.....: P (Pass)	
- test object does not meet the requirement.....: F (Fail)	
<b>Testing</b> .....:	
<b>Date of receipt of test item</b> .....: 2021-04-20	
<b>Date (s) of performance of tests</b> .....: 2021-04-20	
.....	
<b>General remarks:</b>	
"(See Enclosure #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report.	
Throughout this report a <input checked="" type="checkbox"/> comma / <input type="checkbox"/> point is used as the decimal separator.	
Clause numbers between brackets refer to clauses in IEC 60598-1	
<b>Manufacturer's Declaration per sub-clause 4.2.5 of IEC 60598-1:</b>	
The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided .....:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not applicable
<b>When differences exist; they shall be identified in the General product information section.</b>	
<b>Name and address of factory (ies)</b> .....: Same as manufacturer	
<b>General product information:</b> 50401059 001 date on 2021 Feb. 08, original report 50401059 002 date on 2021 Apr. 20, 1st modification The original Test Report Ref. No. 50401059 001, dated 2021 Feb. 08 was modified on 2021 Apr. 20 to change the model number from HA-200W-GT to HA-200W-GTA.  1. All of the products are Class I street light with an approved independent SELV LED driver, for outdoor use. 2. All models can be separate four series, and each series are with the same construction and type of LED, except the dimension, LED driver and wattage. 3. The dimming wire for models HA-250W-FS, HA-300W-FS can connect with SELV source (Max. 10V) only.	

4. 110-277 V~, 50/60 Hz, Class I, ta: 40°C; IP66, 4000K. Mounting height (Max.): 8-12m. Details see the following model list.

Model list

Series	Model	Rated power (W)	LED driver	LED type	Quantity of LED (pcs)	Weight (kg)	Dimension of product (mm) (L x W x H)	Project ed area (m <sup>2</sup> )
1	HA-100W-GT	100	Xitanium 100W 1.5-3.5A AOC 1-10 GL I180	3030	96	6,0	668x295x160	0,197
	HA-150W-GT	150	Xitanium 150W 2.2-5.1A AOC 1-10 GL I200	3030	192	6,9	740x300x160	0,222
	HA-200W-GTA	200	Xitanium 200W 3.3-5.6A AOC 1-10 GL I220	3030	240	8,2	803x347x160	0,279
2	HA-250W-FS	250	Xitanium 100W 1.5-3.5A AOC 1-10 GL I180 + Xitanium 150W 2.2-5.1A AOC 1-10 GL I200	6060	288	12,5	810x320x110	0,259
	HA-300W-FS	300	2 x Xitanium 150W 2.2-5.1A AOC 1-10 GL I200	6060	288	12,5	810x320x110	0,259
3	GA-KE-150W	150	Xitanium 150W 2.2-5.1A AOC 1-10 GL I200	3030	150	6,8	710x300x110	0,213
4	GA-RF-300W	300	2 x Xitanium 150W 2.2-5.1A AOC 1-10 GL I200	3030	300	9,7	940x340x140	0,320



# TEST REPORT

**Reference No.** : WTF20F09070220N001  
**Applicant** : SHOMO'O DUBAI TRADING ESTABLISHMENT  
**Address** : RIYADH SULTAN ABDOUL ROAD DISTRICT SAUDI ARABIA  
**Manufacturer** : HAMM IMPORT & EXPORT CO., LTD  
**Address** : No.6.1 Tianan Shuma Building, Jianping Road No.12, Guicheng Street, Nanhai District, Foshan City, China  
**Product Name** : LED Street Light  
**Model No.** : HA-200W-GTA  
**Ratings** : 110-277VAC, 50/60Hz, 200W  
**Regulation** : SASO-2927:2019  
Energy efficiency functionality and labelling requirements for lighting products – Part 3: Street lighting  
ANSI/IES LM-79-19 Optical and Electrical Measurements of Solid-State Lighting Products  
**Test standard** : IES LM-82-12 Method for characterisation of LED light Engines and Integrated LED lamps for Electrical properties as a function of the temperature  
IES LM-84-14 Measuring Luminous Flux and Color Maintenance of LED Lamps, Light Engines, and Luminaires  
**Date of Receipt sample** : 2020-09-03  
**Date of Test** : 2020-09-03 to 2021-03-09  
**Date of Issue** : 2021-03-09  
**Test Report Form No.** : WPL-2927A-01A  
**Test Result** : See following pages

## Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

## Prepared By:

**Waltek Testing Group (Foshan) Co., Ltd.**

Address: No.13-19, 2/F., 2nd Building, Sunlink International Machinery City,  
Chencun, Shunde District, Foshan, Guangdong, China

Tel:+86-757-23811398 Fax:+86-757-23811381 E-mail:info@waltek.com.cn

Compiled by:

Finn Yu / Project Engineer

Approved by:



**Statement of limitation:**

N/A

**Authorization:**

The testing performed was authorized by signed quote number.

Test item description ..... LED Street Light

Trademark ..... SHOMO'O DUBAI

Model and/or type reference ..... HA-200W-GTA

Factory ..... HAMM IMPORT &amp; EXPORT CO., LTD

Address ..... No.6.1 Tianan Shuma Building, Jianping Road No.12, Guicheng Street, Nanhai District, Foshan City, China

Subcontract / test (clause) ..... N/A

Address ..... N/A

Order description ..... ☒ SASO-2927 Energy Efficiency Test Report  
☒ 2000 hours IES LM-84-14 Test Report**Description of the product****Product information:**

Name of Manufacturer as appear in Certificate ..... HAMM IMPORT &amp; EXPORT CO., LTD

Brand Name ..... SHOMO'O DUBAI

Country of Manufacturing ..... China

Designation / Technology ..... LED Luminaire (Street Lighting)

Lighting Type ..... ☒ Directional  
☐ Non-directionalControl Gear ..... ☐ Internal  
☒ External

Dimension (mm) ..... 803\*347\*160

Nominal Voltage (V) / Frequency (Hz) ..... 110-277VAC, 50/60Hz

**Energy Performance:**

Color Rendering Index (Ra) ..... 70

Rated luminous flux (lm) ..... 24000

Nominal/rated Power (W) ..... 200

Rated Efficiency (lm/W) ..... 120

Rated LED chip Efficacy at 25°C (lm/W) ..... 140 (Current I<sub>f</sub> 150 mA)**Functionality Performance:**

Color Temperature (K) ..... 4000

Power Factor ..... 0.9

Rated Lifetime (h) ..... 50000

Beam angle (°) ..... 120

**Electrical Requirement:**

Over Current Protection (KA) ..... 10



Over Voltage Protection (KV).....	: 20
Electrical Protection Class.....	: Class I
Control Unit Protection (KV).....	: 4
Driver Dimmable.....	: <input type="checkbox"/> DALI <input checked="" type="checkbox"/> 1-10V dimmable
Base for Receptacle Socket (short circuited).....	: <input type="checkbox"/> 7-Pin NEMA Socket <input checked="" type="checkbox"/> Sensor Ready Socket
<b>Mechanical Requirement:</b>	
Luminaire Ingress Protection (IP).....	: <input checked="" type="checkbox"/> IP66 <input type="checkbox"/> IP67
Impact Protection (IK).....	: <input checked="" type="checkbox"/> IK08 <input type="checkbox"/> IK09 <input type="checkbox"/> IK10
Control unit withstand a temperature (°C).....	: -40 to 85
Corrosion classification of painted parts .....	: Classification 5 at 2500H
Withstand Wind Speed (K/h).....	: 150
SPD work temperature (Max. °C).....	: 85
Meets Vibration standards.....	: <input checked="" type="checkbox"/> 3G vibration standards <input checked="" type="checkbox"/> 1.5G vibration standards
<b>CONTROL GEARS:</b>	
Rated Power of Control Gear (W).....	: 200
Energy Efficiency.....	: 0.91
Control gear Ingress Protection (IP).....	: <input checked="" type="checkbox"/> IP66 <input type="checkbox"/> IP67

**Possible test case verdicts**

- test case does not apply to the test object.....: N or N/A (Not applicable)
- test object does meet the requirement.....: P(ass)
- test object does not meet the requirement.....: F(ail)

**Copy of marking plate**

Requirements of information refer to clause of this report.



**General remark**

"(See Attachment #)" refers to additional information appended to the report.

"(See remark #)" refers to a remark appended to the report.

"(See table #)" refers to a table appended to the report.

Throughout this report a point is used as the decimal separator.

\*TBD means "to be define"

1. The samples were pre-conditioned for 60 minutes and were performed at voltage 230VAC, 60Hz.
2. The tests were performed with the sample in lighting-surface vertically downward position.
3. Detail information for models covered in this report as below list:

Item	Model	Rating	CCT	LED Type	Driver
1	HA-200W-GTA	110-277VAC, 50/60Hz, 200W	4000K	SMD 3030	Xitanium 200W 3.3- 5.6A AOC 1-10 GL I220

**LED specification:**

Model	Manufacturer	$V_F$ (V)	$I_F$ (mA)	CCT (K)	CRI
LUXEON 3030 2D: L130- 4070003000W21	Lumileds	5.8-6.6	150	4000K	70

**LED Driver (Control Gear)**

Model	Manufacturer	Input	Output
Xitanium 200W 3.3-5.6A AOC 1-10 GL I220	Signify Netherlands B.V.	110-277VAC, 50/60Hz, 2.0A	33-50VDC, 5.6A

**Summary of testing:**

1. ☒ Report for initial test.
2. ☒ The previous report -- is replaced by this report. The 1000h Premature failure rate of equipment under test (EUT) is updated in this report.
3. ☒ The previous report -- is replaced by this report. The The 2000h Lumen Maintenance and 2000h Lamp survival factor of equipment under test (EUT) is updated in this report. (Select the LM-84-14 measured at temperature 50°C)





### Test Method

All submitted samples were tested according to implementation measure the SASO 2927:2019.

### Test / Reference Standards (Made using current valid version standards):

Reference	Title	Measured parameters
<input checked="" type="checkbox"/> SASO-2927:2019	Energy efficiency functionality and labelling requirements for lighting products – Part 3: Street lighting	
<input checked="" type="checkbox"/> SASO-2902:2018	ENERGY EFFICIENCY, FUNCTIONALITY AND LABELLING REQUIREMENTS FOR LIGHTING PRODUCTS PART 2	
<input checked="" type="checkbox"/> ANSI/IES LM-79-19	Optical and Electrical Measurements of Solid-State Lighting Products	Power, Luminous flux, CRI, CCT, chromaticity, coordinates, Beam angle
<input checked="" type="checkbox"/> IES LM-82-12	Method for characterisation of LED light Engines and Integrated LED lamps for Electrical properties as a function of the temperature	Light output, Efficacy, Color temperature
<input checked="" type="checkbox"/> IES LM-84-14	Measuring Luminous Flux and Color Maintenance of LED Lamps, Light Engines, and Luminaires	Lumen maintenance, Endurance
<input checked="" type="checkbox"/> IEC 61643-11:2011	Low-voltage surge protective devices - Part 11: Surge protective devices connected to low-voltage power systems - Requirements and test methods	Surge protection
<input checked="" type="checkbox"/> IEC 61140:2016	Protection against electric shock - Common aspects for installation and equipment	electric shock classes

### Test Condition

Initial test and final flux measurement:

The measurements were made in a draught-free room at a temperature of  $25 \pm 1^\circ\text{C}$ , a relative humidity of 65 % maximum, an average air velocity of less than 0.2 m/s and steady state operation of the light sources. The test voltage is stable within  $\pm 0.5\%$ , during stabilization periods, this tolerance being  $\pm 0.2\%$  at the moment of measurements. The total harmonic content of the supply voltage shall not exceed 3 %. The harmonic content is defined as the r.m.s. summation of the individual harmonic components using the fundamental as 100 %.

Maintenance test:

The ambient temperature during maintenance test of the sample between photometric measurements shall be maintained at  $50^\circ\text{C} \pm 5^\circ\text{C}$ , a relative humidity of 65 % maximum, an average air velocity of less than 0.2 m/s.

### Photometric and Electrical Measurement

Integrating Sphere System:

The system includes AC power source, digital power meter, DC power supply, spectrophotometer, and integrating sphere. The system is calibrated by standard light source before measurement. The system and standard light source has been calibrated regularly and traceable to the National Primary Standards. The ambient temperature measured at inside the sphere.

The  $4\pi$  geometry was used during measurement. The product was operated in its intended orientation in application and calculated from the spectral radiant flux measurements taken at 1 nm intervals over the range of 380 to 780 nm, and was recorded in this report.

Goniophotometer System:

The system includes AC power source, digital power meter, DC power supply and goniophotometer. The system is calibrated by standard light source before measurement. The standard light source has been calibrated regularly and traceable to the National Primary Standards. The ambient temperature measured at a point not more than 1 m from the sample and at the same height as the sample.

The type C goniophotometer was used for measuring total luminous flux, luminous intensity distribution, and color spatial uniformity. The product was operated in its intended orientation in application, and was recorded in this report.

### Criteria for market surveillance

The enforcer may draw a sample of batch of a minimum of ten (10) luminaires of the same model from the same manufacturer, where possible obtained in equal proportion from four randomly selected sources, unless specified otherwise in below table.

The model shall be considered to comply with the requirements laid down in this Standard if:

- The lamps in the batch are accompanied by the required and correct product information,
- All parameters listed in below table are met.





Parameter	Procedure
Energy efficiency index	<p>Compliance: The Energy Efficiency Index (EEI) value for lamps in the scope of this Standard shall be less than or equal to the specified values, when calculated at both rated and average tested power and luminous flux. Furthermore, the average EEI of the sample tested should be not higher than 10% of the rated EEI, and each lamp in the sample should have an EEI value within 10% of the sample's average EEI.</p> <p>For Luminaires the MEPS for Energy Efficacy shall be respected for each product; furthermore, the average efficacy of the sample tested should not be lower 10% of the rated efficacy (in Lumen/W), and each luminaire in the sample should have an efficacy value within 10% of the sample's average efficacy.</p> <p>Non-compliance: otherwise</p>
Lamp survival factor at 2000h or 6000h	<p>The test shall end</p> <ul style="list-style-type: none"> <li>when the required number of hours is met, or</li> <li>when more than two lamps fail, whichever occurs first</li> </ul> <p>Compliance: a maximum of two out of every 10 luminaires in the test batch may fail before the required number of hours.</p> <p>Non-compliance: otherwise.</p>
Number of switching cycles before failure	<p>The test shall end when the required number of switching cycles is reached, or when more than one out of every 10 luminaires in the test batch have reached the end of their life, whichever occurs first.</p> <p>Compliance: at least 10 luminaires in the batch have no failure after the required number of switching cycles is reached.</p> <p>Non-compliance: otherwise.</p>
Starting time	<p>Compliance: the average starting time of the lamps in the test batch is not higher than the required starting time plus 10 %, and no lamp in the sample batch has a starting time longer than two times the required starting time</p> <p>Non-compliance: otherwise.</p>
Lamp warm-up time to 95% $\Phi$	<p>Compliance: the average warm-up time of the lamps in the test batch is not higher than the required warm-up time plus 10%, and no lamp in the sample batch has a warm-up time that exceeds the required warm-up time multiplied by 1.5.</p> <p>Non-compliance: otherwise.</p>
Premature failure rate	<p>The test shall end.</p> <ul style="list-style-type: none"> <li>when the required number of hours is met, or</li> <li>when more than one lamp fails, whichever occurs first.</li> </ul> <p>Compliance: a maximum of one out of every 10 luminaires in the test batch fails before the required number of hours.</p> <p>Non-compliance: otherwise.</p>
Color rendering (Ra)	<p>Compliance: the average Ra of the lamps in the test batch is not lower than three points below the required value, and no lamp in the test batch has a Ra value that is more than 3.9 points below the required value.</p> <p>Non-compliance: otherwise.</p>
Lumen maintenance at end of life and rated lifetime	<p>For these purposes, 'end of life' shall mean the point in time when only 50 % of the lamps are projected to survive or when the average lumen maintenance of the batch is projected to fall below 70 %, whichever is projected to occur first.</p> <p>Compliance: the lumen maintenance at end of life and the lifetime values obtained by extrapolation from the lamp survival factor and from the average lumen maintenance of the lamps in the test batch at 2000h or 6000h are not lower than respectively the lumen maintenance and the rated lifetime values declared in the product information minus 10 %.</p> <p>Non-compliance: otherwise.</p>
Beam angle	<p>Compliance: the average results of the lamps in the test batch do not vary from the declared beam angle by more than 25 % and the beam angle value of each individual lamp in the test batch does not deviate by more than 25 % of the rated value.</p> <p>Non-compliance: otherwise.</p>
Peak intensity	<p>Compliance: the peak intensity of each individual lamp in the test batch is not less than 75 % of the rated intensity of the model.</p> <p>Non-compliance: otherwise.</p>
Other parameters	<p>Compliance: the average results of the lamps in the test batch do not vary from the limit, threshold or declared values by more than 10 %.</p> <p>Non-compliance: otherwise.</p>

**Table X: Test Results Summary**

Test Item		Rated Value	Measured Value (Avg.)	Result
Power P (W)	at 110V, 60Hz	200	208.50	Pass
Useful luminous flux $\Phi_{use}$ (lm)		24000	25825	Pass
Efficacy (lm/W)		120	123.86	Pass
Power P (W)	at 277V, 60Hz	200	198.70	Pass
Useful luminous flux $\Phi_{use}$ (lm)		24000	24870	Pass
Efficacy (lm/W)		120	125.16	Pass
LED chips Efficacy (lm/W) at 25°C		140	---	Pass
Lamp survival factor at 2000h (%)		---	100%	Pass
Lumen maintenance at 2000h (%)		---	97.41%	Pass
Number of switching cycles before failure		>15000	>15000	Pass
Starting time(s)		<0.5	0.35	Pass
Lamp warm-up time to 95% $\Phi$ (s)		<1	0.43	Pass
Premature failure rate at 1000h (%)		0%	0%	Pass
Power factor		0.9	0.94	Pass
Color rendering index (Ra)		70	73.3	Pass
Color temperature (K)		4000	4011	Pass
Color consistency in MacAdam ellipse (step)		<5	1.0	Pass
Energy Efficiency Index (EEI)		0.11	0.11	Pass
Note: The Standard Requirement and Reference Standard See Clause.				





SASO 2927:2019				
Clause	Requirement + Test		Result – Remark	Verdict
10	Requirements for Street Lighting Lamps, Control Gears and Non-integrated Luminaires / Luminaires		Luminaires	P
10.1	Energy Efficiency Requirements			P
	Integrated luminaire and led chips shall comply with energy efficiency requirements specified in below table			P
	Table: Efficacy requirements integrated luminaire and LED chips			P
	Type	Efficacy [ lm/W ]		P
	Integrated luminaire	≥ 120 and ≥ 85% of LED chips Efficacy	See table X 85.7% of LED chips Efficacy	P
	LED chips	≥ 140 at 25 °C	See table X	P
	High pressure sodium shall comply with energy efficiency requirements specified in below table			N
	Table: Rated minimum efficacy values for high pressure sodium lamps with Ra ≤ 60			N
	Nominal Lamp Wattage [W]	Rated Lamp Efficacy [Lm/W]		N
		- Clear Lamps	- Not Clear Lamps	
	W ≤ 45	≥ 60	≥ 60	N
	45 < W ≤ 55	≥ 80	≥ 70	N
	55 < W ≤ 75	≥ 90	≥ 80	N
	55 < W ≤ 75	≥ 100	≥ 95	N
	105 < W ≤ 155	≥ 110	≥ 105	N
	155 < W ≤ 255	≥ 125	≥ 115	N
	255 < W ≤ 605	≥ 135	≥ 130	N
	Table: Rated minimum efficacy values for high pressure sodium lamps with Ra > 60			N
	Nominal Lamp Wattage [W]	Rated Lamp Efficacy [Lm/W]		N
		- Clear Lamps	- Not Clear Lamps	
	W ≤ 55	≥ 60	≥ 60	N
	55 < W ≤ 75	≥ 75	≥ 70	N
	75 < W ≤ 105	≥ 80	≥ 75	N
	105 < W ≤ 155	≥ 80	≥ 75	N
	155 < W ≤ 255	≥ 80	≥ 75	N
	255 < W ≤ 405	≥ 85	≥ 75	N
	Metal halide lamps shall comply with energy efficiency requirements specified in below table			N
	Table: Rated minimum efficacy values for metal halide lamps			N
	Nominal Lamp Wattage [W]	Rated Lamp Efficacy [Lm/W]		N
		- Clear Lamps	- Not Clear Lamps	
	W ≤ 55	≥ 70	≥ 65	N
	55 < W ≤ 75	≥ 80	≥ 75	N



SASO 2927:2019									
Clause	Requirement + Test						Result – Remark	Verdict	
	75 < W ≤ 105		≥ 85		≥ 80			N	
	105 < W ≤ 155		≥ 85		≥ 80			N	
	155 < W ≤ 255		≥ 85		≥ 80			N	
	255 < W ≤ 405		≥ 90		≥ 85			N	
	All other High Intensity Discharge lamps shall comply with energy efficiency requirements specified in below table							N	
	Table: Rated minimum efficacy values for other high intensity discharge lamps							N	
	Nominal Lamp wattage [W]		Rated Lamp Efficacy [lm/W]					N	
	W ≤ 40		50					N	
	40 < W ≤ 50		55					N	
	50 < W ≤ 70		65					N	
	70 < W ≤ 125		70					N	
	125 < W		75					N	
10.2	Functionality/Performance LEDs requirements							P	
	The lighting unit shall be designed to operate continuously at external temperature and humidity, taking into account the effects of direct exposure to sunlight and dust storms.							P	
	Life span of LED chips and Luminaire shall be greater than or equal to 70% (L70) after 50000 hours						See IES LM-80 report	P	
	Color rendering (Ra) shall be greater than Ra 70 (Ra ≥ 70)						See table X	P	
	Color temperature must be between 3000 - 6500K						See table X	P	
	Vendor shall present ISTMT test results for the luminaire at 50°C which displays the recorded temp within each part of the luminary (LED chips, Driver)						See report WTF20F09070220 N006	P	
	The color consistency of the light source or luminaire at the time the system is put into operation shall be within a 5 step MacAdam ellipse.						See table X	P	
	The value of the maintenance factor (MF) shall be set during the design as follows:						User consideration	P	
	Maintenance factor (MF) equal Lamp Lumen Depreciation for Led chips (LLD) × Luminaire Dirt Depreciation (LDD) where:							P	
	Lighting unit dirt factor (LDD) shall be chosen according to the specification:							P	
	Table: Lighting unit dirt factor							P	
	Environmental zone	Mounting height	Cleaning Frequency for months					P	
			12	24	36	48	60		72
	E1/E2	≤ 6 m	0.96	0.96	0.95	0.94	0.93	0.92	P
	E1/E2	> 6 m	0.96	0.96	0.95	0.94	0.93	0.92	
	E3/E4	≤ 6 m	0.92	0.92	0.90	0.88	0.86	0.84	
	E3/E4	> 6 m	0.96	0.96	0.95	0.94	0.93	0.92	
	Table: Lighting Zone							P	
	LIGHTING ZONE		DESCRIPTION					P	





SASO 2927:2019			
Clause	Requirement + Test		Result – Remark
	1	Developed areas of national parks, forest land and rural areas.	
	2	Areas predominately consisting of residential zoning neighborhood business districts with limited nighttime use and residential mixed-use areas.	
	3	All other areas.	
	4	High-activity commercial districts in major metropolitan areas as designed by the local land use planning authority.	
<b>10.3</b>	<b>Electrical Requirements</b>		<b>P</b>
	The installation shall have overvoltage protection of 10 kV.		20 kV
	All luminaires shall have Class I electrical protection.		Class I
	The control unit shall be equipped with internal protection to withstand charges and lightning of not less than 4 kV		4 kV
	Constant Voltage Drivers are not allowed to be used; drivers shall be programmable whether DALI (preferable) or 1-10V dimmable		1-10V dimmable
	Fixture shall include a base for Receptacle 7-pin NEMA Socket capped (shortcircuited) to enable future use in smart city application		Sensor Ready Socket
	The control units (Driver) must operate with voltage (120-277) Vac at 60 Hz		110-277Vac, 50/60Hz
	If the temperature exceeds the permissible limits, the control unit shall reduce the intensity of the lantern lighting gradually until the temperature returns to normal rates; it is not allowed to use control units that turn the lantern fully off when the temperature rises.		
	The Power factor value for driver and integrated luminaire shall be $\geq 0.9$		See table X
	Total Harmonic Distortion of the driver individually $< 15\%$		See report WTF20F09070220 N007
<b>10.4</b>	<b>Mechanical Requirements</b>		<b>P</b>
	The luminaire / integrated luminaire units shall have IP66		See report WTF20F09070220 N005
	The control gear in the lighting fixtures shall have IP66 protection levels		See report WTF20F09070220 N002
	The luminaire shall have an impact protection rating greater than IK08		See report WTF20F09070220 N004
	The control unit enclosure shall be designed to withstand a temperature between -10 and +85.		-40 to +85
	The painted parts of the lighting unit are exposed to the external environment and shall exceed the fifth classification after 2500 hours.		See report WTF20F09070220 N003
	The vibration test of roads and bridges (3 Axis vibration test) is performed in accordance with ANSI C136.31-2001, ANSI C136.3-2001. The test shall be in the case of road installation at least 1.5G and in the case of installation on bridges or tunnels at least 3G		See report WTF20F09070220 N008





SASO 2927:2019			
Clause	Requirement + Test	Result – Remark	Verdict
	The luminaire shall be built in such a way that it can withstand wind speed of 150 KMph.	150 KMph	P
	The Surge Protection Device (SPD) shall be able to work normally at a temperature of 80°C (inside the fixture)	85°C	P
<b>10.5</b>	<b>Marking requirements</b>		P
	Instruction manuals supplied with products and available on website shall be:		P
	- Cautionary and/or any safety warnings for the direct user or consumer shall be in the Arabic and English language. The use of international accepted pictograms is permitted instead of verbally expressed language.		P
	- And available on a Website (English only is permitted).		P
	Marking requirements for luminaires		P
	Information to be displayed on the copy of marking plate:		P
	● Brand name	SHOMO'O DUBAI	P
	● Input voltage	110-277 VAC	P
	● Nominal power	200 W	P
	● Country of origin	China	P
	Information to be visibly displayed to end-users, prior to their purchase, on the packaging and on free access websites:		P
	The information in paragraphs (a) to (y) below shall be displayed on free-access websites and in any other form the manufacturer deems appropriate.		P
	The information in paragraphs (a) to (p) below shall be visibly displayed on the packaging if the product is intended to be displayed to the end-users.		P
	The information does not need to use the exact wording on the list below. It may be displayed in the form of graphs, drawings or symbols rather than text.		P
	a. Brand name	SHOMO'O DUBAI	P
	b. Model number	HA-200W-GTA	P
	c. Country of origin	China	P
	d. Rated voltage and rated frequency	110-277 VAC, 50/60 Hz	P
	e. Rated useful luminous flux	24000 lm	P
	f. Efficacy (lumen/Watt)	120 lm/W	P
	g. Rated power	200 W	P
	h. Rated beam angle in degrees (only for directional luminaires)	120 °	P
	i. Power factor	0.9	P
	j. Rated life time of the lamp in hours	50000 hours	P
	k. Rated Color temperature, as a value in Kelvins, expressed graphically or in words	4000 K	P
	l. Number of switching cycles before premature failure	15000	P
	m. Color rendering index (Ra)	70	P



SASO 2927:2019			
Clause	Requirement + Test	Result – Remark	Verdict
	n. Stating all hazardous material contained in the lamp/luminaire, as relevant		N
	o. Statement referring to a Website: - on how to clean lamp debris in case of accidental lamp breakage and disposal of lamp at the end of life, when relevant - About actual values of the hazardous content, when relevant		N
	p. A warning if the lamp cannot be dimmed or can be dimmed only on specific dimmers; in the latter case, a list of compatible dimmers shall be also provided on the manufacturer's website		N
	q. Lamp type: directional or non-directional	Directional	P
	r. Color consistency (only for LED luminaires)	< 5 SDCM	P
	s. Lumen maintenance factor at the end of the nominal life	70%	P
	t. Warm-up time up to 95 % of the full light output (may be indicated as 'instant full light' if less than 1 second), when relevant	< 1 second	P
	u. If designed for optimum use in non-standard conditions (such as ambient temperature $T_a \neq 25^\circ\text{C}$ or specific thermal management is necessary), provide information on those conditions		N
	v. Rated peak intensity in candela (cd), when available		N
	w. An equivalence claim involving the power of a replaced lamp type may be displayed only if the lamp type is listed in Part 1 - Table 13 and if the luminous flux of the lamp in a $90^\circ$ cone ( $\Phi'$ ) is not lower than the corresponding reference luminous flux in Part 1 - Table 13. The reference luminous flux shall be multiplied by the correction factor in Part 1 - Table 14. For LED luminaires, it shall be in addition multiplied by the correction factor in Part 1 - Table 15. The intermediate values of both the luminous flux and the claimed equivalent lamp.		N
	x. For LED luminaires, if intended for use in outdoor or industrial applications, an indication to this effect		P
	y. Lamp dimensions in millimeters		P
	z. Actual values of all hazardous material contained in the luminaire		N
<b>10.6</b>	<b>Energy Efficiency Label</b>		P
	Lamps and integrated luminaires in the scope of this standard shall have a label printed directly on the individual packaging of the product) as in Annex B.		P
	Lamps and integrated luminaires in the scope of this standard shall comply with the Energy efficiency classes and calculation according to SASO 2902/2018		P
<b>10.7</b>	<b>Hazardous Materials</b>		P
	Test report or self-declaration	Self-declaration	P
	Maximum content limits of hazardous substances		P
	Descriptions	Tolerated maximum concentrated values	P
	Lead (Pb)	0.1%	< 0.1%
	Cadmium (Cd)	0.01%	< 0.01%
	Hexavalent chromium (Cr6+)	0.1%	< 0.1%
	Polybrominated biphenyls (PBB)	0.1%	< 0.1%
	Polybrominated diphenyl ether (PBDE)	0.1%	< 0.1%





## Appendix-Test Data Sheet

**Table #1: Energy Efficiency**

Model: HA-200W-GTA						
Sample No.	Power (W)	$P_{cor}$ (W) (correction factor=0.98)	Useful Luminous Flux (Lm) ( $\Phi_{use}$ )	$P_{ref}$ (W) ( $0.07341\Phi_{use}$ )	$EEI = P_{cor} / P_{ref}$	Efficacy (lm/W)
1	200.2	196.20	24965	1832.68	0.11	124.70
2	200.3	196.29	25114	1843.62	0.11	125.38
3	200.1	196.10	24590	1805.15	0.11	122.89
4	200.1	196.10	24637	1808.60	0.11	123.12
5	198.3	194.33	25140	1845.53	0.11	126.78
6	200.9	196.88	24610	1806.62	0.11	122.50
7	198.9	194.92	24746	1816.60	0.11	124.41
8	199.1	195.12	24661	1810.36	0.11	123.86
9	199.2	195.22	24843	1823.72	0.11	124.71
10	198.4	194.43	24801	1820.64	0.11	125.01
Average value	199.6	195.56	24811	1821.35	0.11	124.34

### Test at 100VAC, 60Hz.

Model: HA-200W-GTA						
Sample No.	Power (W)	$P_{cor}$ (W) (correction factor=0.98)	Useful Luminous Flux (Lm) ( $\Phi_{use}$ )	$P_{ref}$ (W) ( $0.07341\Phi_{use}$ )	$EEI = P_{cor} / P_{ref}$	Efficacy (lm/W)
1	208.50	204.33	25825	1895.81	0.11	123.86

### Test at 277VAC, 60Hz.

Model: HA-200W-GTA						
Sample No.	Power (W)	$P_{cor}$ (W) (correction factor=0.98)	Useful Luminous Flux (Lm) ( $\Phi_{use}$ )	$P_{ref}$ (W) ( $0.07341\Phi_{use}$ )	$EEI = P_{cor} / P_{ref}$	Efficacy (lm/W)
1	198.70	194.73	24870	1825.71	0.11	125.16



**Table #3: Functionality Requirements**

<b>Model: HA-200W-GTA</b>						
Sample No.	Starting time (s)	Warm-up time (s)	Power factor	Color rendering (Ra)	Color consistency (step)	Color temperature (K)
1	0.35	0.43	0.94	73.7	1.7	4082
2	0.35	0.44	0.94	73.4	0.7	3994
3	0.35	0.44	0.94	73.0	0.7	3999
4	0.35	0.43	0.94	73.3	1.0	3993
5	0.35	0.42	0.94	73.3	0.7	3992
6	0.35	0.43	0.94	73.0	0.5	4005
7	0.34	0.42	0.94	73.4	0.9	4013
8	0.35	0.43	0.94	73.5	1.1	4001
9	0.34	0.43	0.94	73.5	1.1	4011
10	0.35	0.43	0.94	73.3	1.2	4016
<b>Average value</b>	<b>0.35</b>	<b>0.43</b>	<b>0.94</b>	<b>73.3</b>	<b>1.0</b>	<b>4011</b>

**Table #4: Lamp Survival Factor and Lumen Maintenance**

<b>Model: HA-200W-GTA</b>				
Sample No.	1000 Hours Premature failure rate	2000 Hours Lumen Maintenance (%)	Lamp survival factor (2000 Hours)	Switching cycle (15000 cycle)
1	Pass	97.86%	Pass	Pass
2	Pass	97.64%	Pass	Pass
3	Pass	97.35%	Pass	Pass
4	Pass	97.59%	Pass	Pass
5	Pass	96.07%	Pass	Pass
6	Pass	97.59%	Pass	Pass
7	Pass	97.24%	Pass	Pass
8	Pass	97.28%	Pass	Pass
9	Pass	97.80%	Pass	Pass
10	Pass	97.64%	Pass	Pass
<b>Average value</b>	<b>0%</b>	<b>97.41%</b>	<b>100%</b>	<b>Pass</b>

**Table #5: Peak Intensity and Beam Angle (average)**

<b>Model: HA-200W-GTA</b>	
Peak Intensity(cd)	8040.5
Beam Angle(Deg)	130.3

**Table #6: Energy efficiency class**

<b>Model: HA-200W-GTA</b>			
Energy efficiency index (EEI)	Energy efficiency class (Arabic)	Equivalent energy efficiency class (English)	Result
$EEI \leq 0.11$	أ	A	Pass (0.11)
$0.11 < EEI \leq 0.13$	ب	B	
$0.13 < EEI \leq 0.18$	ج	C	
$0.18 < EEI \leq 0.24$	د	D	
$0.24 < EEI \leq 0.50$	هـ	E	
$0.50 < EEI \leq 0.95$	و	F	
$0.95 < EEI \leq 1.75$	ز	G	

Note:

For labelling purposes, the Arabic letters should be used. The equivalent English version is only provided for informational purposes



**Attachment 1: Equipment List**

Equipment	Model/Type	Cal. Due. Date
AC power supply	EVERFINE TPS-500B	2022-01-17
Power meter	EVERFINE PF2010A-V1-CAN	2022-01-17
High accuracy array spectroradio meter	EVERFINE HAAS-2000	2022-01-17
Integrating Sphere	EVERFINE R98	2022-01-17
Standard light source	EVERFINE D204	2022-01-17
Temperature & Humidity Datalogger	Testo 608-H1	2022-01-17
Digital Power Meter	EVERFINE PF2010A-V1	2022-01-17
Goniophotometer	EVERFINE GO R5000-2M2D	2022-01-17
Standard lamp	EVERFINE 28V/10A/500cd	2022-01-17
Standard lamp	EVERFINE D908	2022-01-17
Start up time test system	EVERFINE START-1000	2022-01-17
Digital power meter	YOKOGAWA WT310E	2022-01-17





**Attachment 2: Photo document**

**Model: HA-200W-GTA**



Photo 1



Photo 2



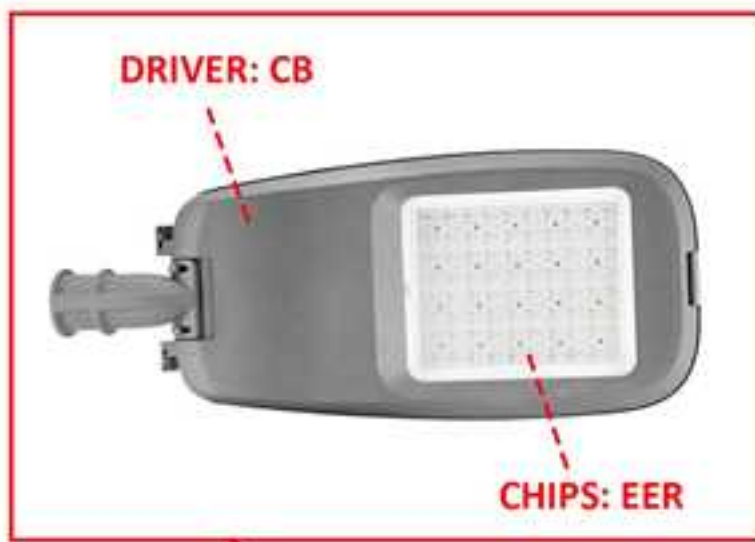
Photo 3



Photo 4

===== End of Report =====





FINISHED PRODUCT: IECEE

**IECEE**  
**cb**  
**EER**

**50000 H**  
**IP 66**  
**IK 08**

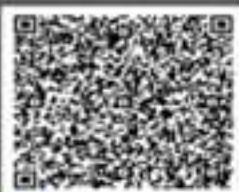
**TUV**  
**140 L-M**  
**SASO**

**Philips**  
**LG**  
**Hoger**



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الإمارات العربية المتحدة

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+971555593245

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We understand the requirements of the clients in the first phase and before starting our service, understand their preferences. In the second phase, we turn their ideas into visuals. With constant feedback from the client's side, our experts offer final visuals that meet client's expectations.

We offer remarkable 3D design services to the clients from various backgrounds. This has shown us as creative and versatile in our approach, adding to our experience of diverse industries. We balance technology with creativity and offer desirable images to the clients.



We take the creations very close to the conceptualization phase discussed with the client. Lot of work goes beyond creation of 3D image and more. Cutting, feeding, and padding techniques are seamlessly followed for delivering quality work. Our dedicated team of creative people constantly work on new **3D creations** for strong impact



We have a proper process that ensures that the clients get exceptional images for both print and screen. Our approachable and experienced personnel remain in touch with the clients throughout offering them a customized service for realizing their dream project.

# Products Lighting Poles



**OCTAGONAL POLES**



**CONICAL POLES**



**STEPPED POLES**



**SQUARE POLES**



**CURVED POLES**



**DECORATIVE POLES**

Our Fabrication follows the engineering process which gives control to the company overall production activities.

**OUT DOOR LIGHTINGS**





# SPORTS LIGHTING

Outstanding Quality & the Value



## We provides a comprehensive range of products

For the secure and efficient Outdoor Lighting, Poles and Luminaries. We, specialize in the area of street lighting poles, highway lighting masts, and area masts stadium mast, flood lights etc. in various dimensions and models.

Our range of poles can go up to 60 meters in height supported by luminaries or flood lights in various dimensions and models.

Timely deliveries, Efficient Project Management, Technical Capabilities Innovative Designs and International Quality ensure Sumoud Al Amidah to meet the requirement of the customers for varied applications.

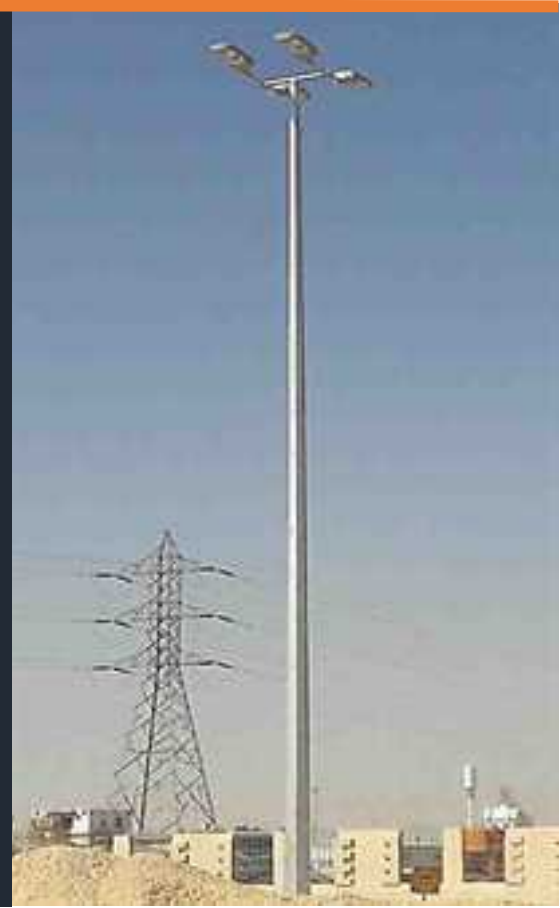




## OCTAGONAL POLES WITH SINGLE, DOUBLE, FOUR WAY ARM



OCTAGONAL  
POLES WITH  
GALVANIZED  
AND PAINTED,  
FOR SPECIALLY  
DESIGNED TO  
OUTDOOR  
LIGHTINGS  
WITH ARM  
BRACKETS



## STEPPED LIGHTING POLES

Stepped pipe lighting poles are a decorative style of pole which provide an enlarged base with increased internal space for mounting electrical terminations and/or other accessories, while limiting the visual bulk of the pole by having a smaller section at the top. Poles are hot dip galvanized after fabrication and can be powder coated or painted in the colour you require. These can be used in a variety of scenarios including pathways and parks. Standard pole heights are 3.0m – 10.0m depending on customer's requirements.



### **Finish:**

- Mechanically cleaned and coated with an electrostatically applied and baked-on powder top coat

### **Included:**

- Partially galvanized anchor bolts

### **Recommended Use**

- Parking lots
- Roadways
- General area lighting



**TUBULAR /SQUARE POLE**  
**DOUBLE ARM SQUARE LIGHT**



# FLAG POLES



COMMERCIAL FLAGPOLES  
RESIDENTIAL FLAGPOLES  
INDOOR FLAGPOLES  
WALLMOUNT FLAGPOLES  
BANNER AND ADVERTISING

A pole on which to raise a flag.  
Our flag poles range from 3m in  
height to as per clients  
Description and are designed to  
withstand winds of up to 180kms  
per hour. Higher and greater  
load poles are available to  
special order.





COMPLETED  
PROJECTS-  
GALLERY



AL  
QUWAIYYA  
BALDIYA



14M S- CURVED POLE, TWO  
ARM MOUNT LED, DOUBLE  
COLOR

12M DOUBLE  
CURVED LONG  
WIDTH POLE, LED  
& LIGHTING  
FIXTURE



**NAJРАН**



# ARAMCO PROJECT CHINA HARBOUR, JIZAN



---

CLIENT: PHILIPS SLC-  
RED SEA MALL, JEDDAH







# Modern Lighting Poles...

*We Can Custom made  
any Pole According to  
Clients Design and  
Specifications*



MODERN

AETHISTICS

ELEGENT



CLIENT: CIVIL DEFENCE-RIYADH



DECORATIVE LIGHTING POLES CUSTOM MADE







Linear Curved Pole with two Lighting Arm with LED cone on top.

Shaft 12M x 2

Fabricate two Shaft with 1m Length Base plate with 6 Slot holes.



HOT DIP GALVANIZED, PAINTED &

INSTALLATION VIEW, OF TWO WAY CURVED LIGHTING POLES WITH LIGHTING FIXTURES AND LED CONE LIGHT.







## GALVANIZED AND PAINTED DECORATIVE POLES

Series antique and decorative street poles are available in numerous designs ensuring that you find the decorative lighting solution that is just right for your needs.

Though the designs remain original, the technology behind them is cutting-edge. As with all of our modern street lighting, traffic signal, sports lighting, and other light pole solutions Sumoud uses the finest steel and aluminium construction, and enhances every pole we produce to be strong, long-lasting, and corrosion-resistant.

# Y

## **SAA-6010**

### **DOUBLE CURVED LIGHTING POLES**

HEIGHT : 12M D  
ARM : TWO  
PAINTED : RAL1013  
L- FIXTURE : 400 W  
SPIKE LED : GREEN



## **SAA-6020**

### **DOUBLE CURVED LIGHTING POLES**

HEIGHT : 12M D  
ARM : FOUR  
PAINTED : RAL013  
L- FIXTURE : 400 W  
SPIKE LED : GREEN







**SAA-6030**  
**DOUBLE CURVED LIGHTING POLES**

HEIGHT : 12M / 6M  
ARM : TWO  
PAINTED : RAL9003  
L- FIXTURE : 400 W  
SPIKE LED : GREEN



**SAA-6040**  
**DOUBLE CURVED LIGHTING POLES**  
**TWO WAY LONG**

HEIGHT : 12M / 12M  
OUTREACH : 4M  
ARM : FOUR  
PAINTED : RAL1013  
L- FIXTURE : 400 W  
SPIKE LED : GREEN



**SAA-6050**  
**DOUBLE CURVED LIGHTING POLES**  
**BRIDGE TYPE FIXATION**

HEIGHT : 6M / 6M  
OUTREACH : 1.5M  
ARM : TWO  
PAINTED : RAL1013  
L- FIXTURE : 400 W  
SPIKE LED : GREEN



### **SAA-6060**

#### **DOUBLE CURVED LIGHTING POLES STEPPED WITH BANNER**

HEIGHT : 14M  
ARM : TWO + TWO  
PAINTED : RAL1013  
L- FIXTURE : 400 W  
SPIKE LED : BLUE  
BOTTOM : ALUMINUM DECOR



### **SAA-6070**

#### **DOUBLE CURVED LIGHTING POLES STEPPED**

HEIGHT : 10M  
ARM : TWO  
PAINTED : RAL9010  
L- FIXTURE : 400 W  
SPIKE LED : BLUE  
BOTTOM : ALUMINUM DECOR

# S



**SAA-S1**



**SAA-S2**



**SAA-S3**

## **S CURVED LIGHTING POLES**

**HEIGHT : 6M**

**ARM : TWO**

**PAINTED : RAL1013**

**L- FIXTURE : 400 W**

**SPIKE LED : BLUE/GREEN**

### **Features:**

Perfect finish

Innovative color combinations

Easy to use

Wide usage

Longevity

Rust proof



**SAA-S4**



#### **SAA-7010**

**HEIGHT : 14M D**

**ARM : TWO**

**PAINTED : RAL 1013**

**LIG FIXTURE:**

**SPIKE LED : GREEN**

**OTHERS : Out Reach 3M**

#### **Features:**

- **Sturdiness**
- **Easy installation**
- **Anti-corrosive**



Our Design and Structure assemblies are perfect for those places where an extra level of safety is needed. We offer high visibility for both Vehicles and pedestrians.



**SAA 7020**



**SAA 7030**



**SAA-8010 | 8020**

## **CURVED POLE BANNER TYPE**

HEIGHT : 6M - 12M  
 ARM : SINGLE / DOUBLE  
 PAINTED : RAL1013/3020  
 L- FIXTURE : 400 W  
 SPIKE LED :  
 BANNER : 4M, 8M



**SAA-8030 | 8031**

## **CURVED LIGHTING POLES BANNER SINGLE / DOUBLE**

HEIGHT : 6M  
 ARM : SINGLE / TWO  
 PAINTED : RAL5005  
 L- FIXTURE : 400 W  
 SPIKE LED :  
 BANNER : 3M, 2M IN  
 DOUBLE





## BOLLARDS



BL-O1



BL-O2



BL-O3

### Features:

- Perfect finish
- Innovative color combinations
- Easy to use
- Wide usage
- Longevity
- Rust proof

**HEIGHT** : 500mm to 1.2M  
**TYPE** : SQ / RECT TUBE  
**PAINTED** : RAL  
**LIG FIXTURE:** 5W/10W/15W  
**OTHERS** :



BL-O4



BL-O5



BL-O6

FIXED WITH LIGHTS



## TOP LIGHT FOR GARDENING



BL-10



BL-20

### PATH LIGHTINGS

SQ / CIR

HEIGHT : 3M

PAINTED : RAL7021

LED FIXTURE : 15/30/60 W

BANNER : 3M, 2M IN

DOUBLE



BL-30



BL-40



**SAA 8511**



**SAA 8512**



**SAA 8513**



**DOUBLE CURVED POLE WITH  
BUTTERFLY BANNER**

**SAA 8514**



**SAA-9010****SQUARE LIGHT  
CAMERA MOUNTING**

HEIGHT : 6M – 12M  
ARM : SINGLE/DOUBLE  
LED FIXTURE : 50/100/150 W  
FIXED WITH ARM  
PAINTED : BLACK COLOR

BEST SUITABLE FOR  
CORPORATE OFFICES

**SAA-9020****SAA-9030****DECORATIVE LIGHTING**



# SQUARE LIGHTING



## SAA-9040

### TWO SIDE ARM

TYPE	: Z & T
HEIGHT	: 6M – 12M
ARM	: DOUBLE
LED FIXTURE	: 50/100/150 W FIXED WITH ARM
PAINTED	: BLACK COLOR

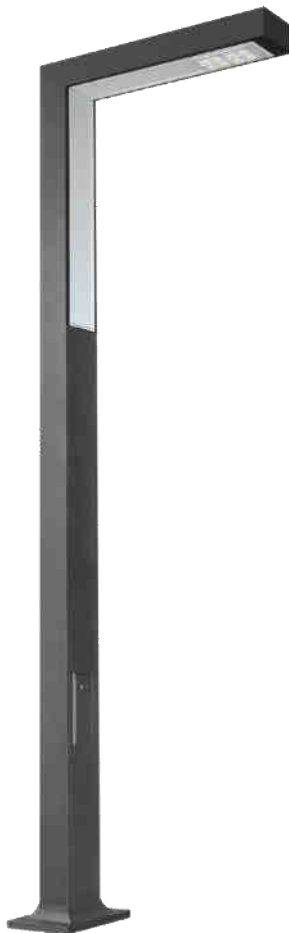


BEST SUITABLE FOR PARKS,  
GARDENS, GOVT BUILDINGS

## SAA-9050

### FEATURES:

- Longer service life
- Dimensional stability
- Resistance against corrosion
- Sturdiness
- High compressive strength



**SAA-9070**

**SQUARE LIGHT  
INBUILT DÉCOR  
STRIP**

HEIGHT : 6M – 12M  
ARM : SINGLE/DOUBLE  
LIGHT : INBUILT LED  
STRIPS

LED FIXTURE : 50/100/150 W  
FIXED WITH ARM

PAINTED : BLUE COLOR

**BEST SUITABLE FOR PARKS &  
STREET**







## DECORATIVE POLE

**HEIGHT** : 3M - 8M  
**ARM** : SINGLE / DOUBLE  
**PAINTED** : RAL9005  
**LED MODULE** : 50 W  
**LED STRIP** : BLUE

## DECORATIVE POLE

**HEIGHT** : 3M - 8M  
**ARM** : SINGLE / DOUBLE  
**PAINTED** : RAL9017  
**LED MODULE** : 50 W  
**SPIKE LED** :





# D

## **SAA-2010**

### **CLASSICAL HOUSE**

HEIGHT : 6M – 12M  
ARM : SINGLE/DOUBLE  
L- FIXTURE : 100W Decorative  
PAINTED : BLACK COLOR  
BOTTOM : ALUMINUM

**BEST SUITABLE FOR PARKS &  
STREET**



## **DECORATIVE LIGHTING POLES**



**DECORATIVE ARM**



**ALUMINUM BOTTOM PAINTED**



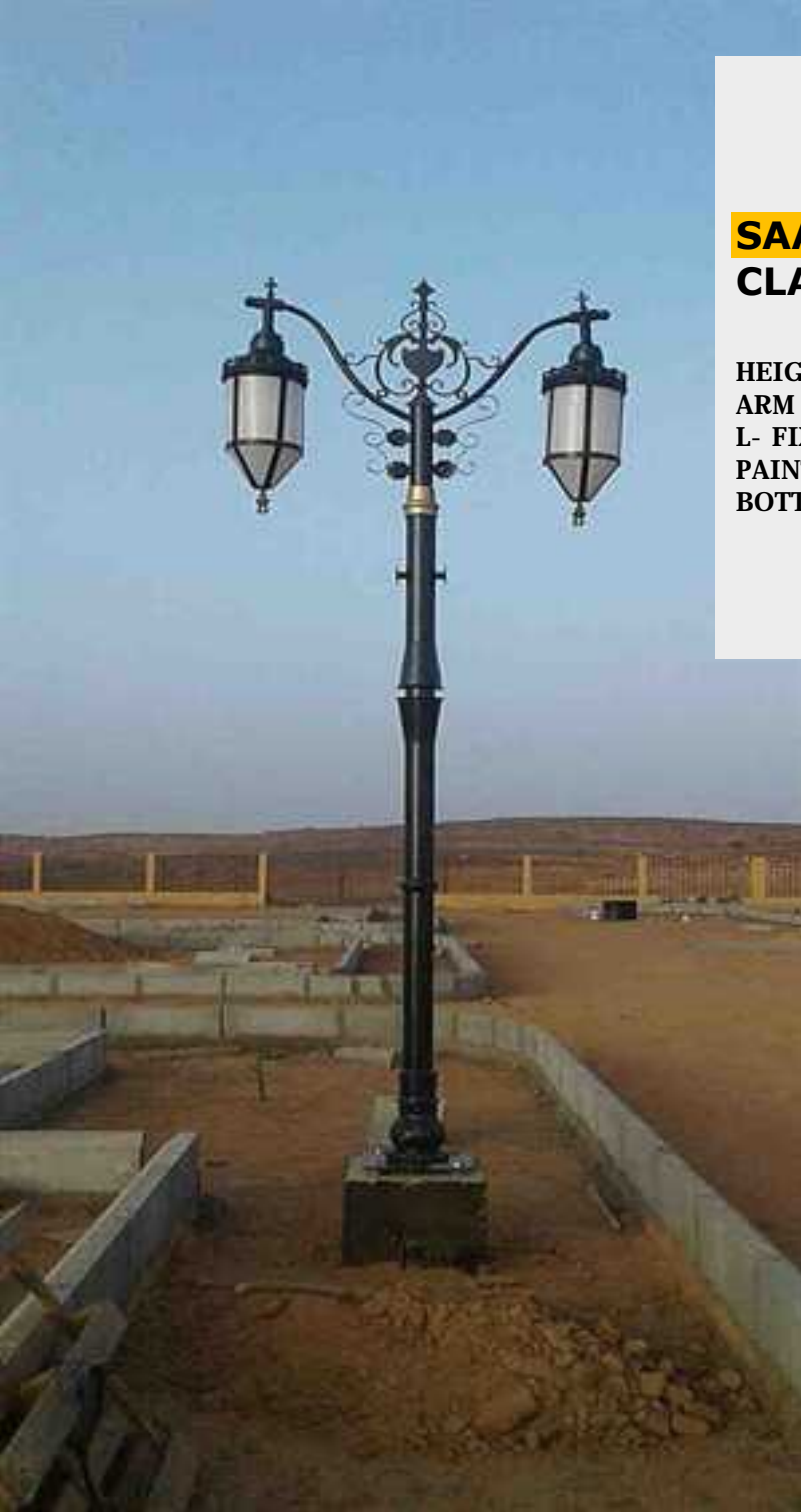
**SAA-2020**  
**GARDENING SIMPLE**

HEIGHT : 6M – 12M  
ARM : SINGLE/DOUBLE  
L- FIXTURE : 100W Decorative  
PAINTED : BLACK COLOR  
BOTTOM : ALUMINUM

**BEST SUITABLE FOR PARKS &  
STREET**

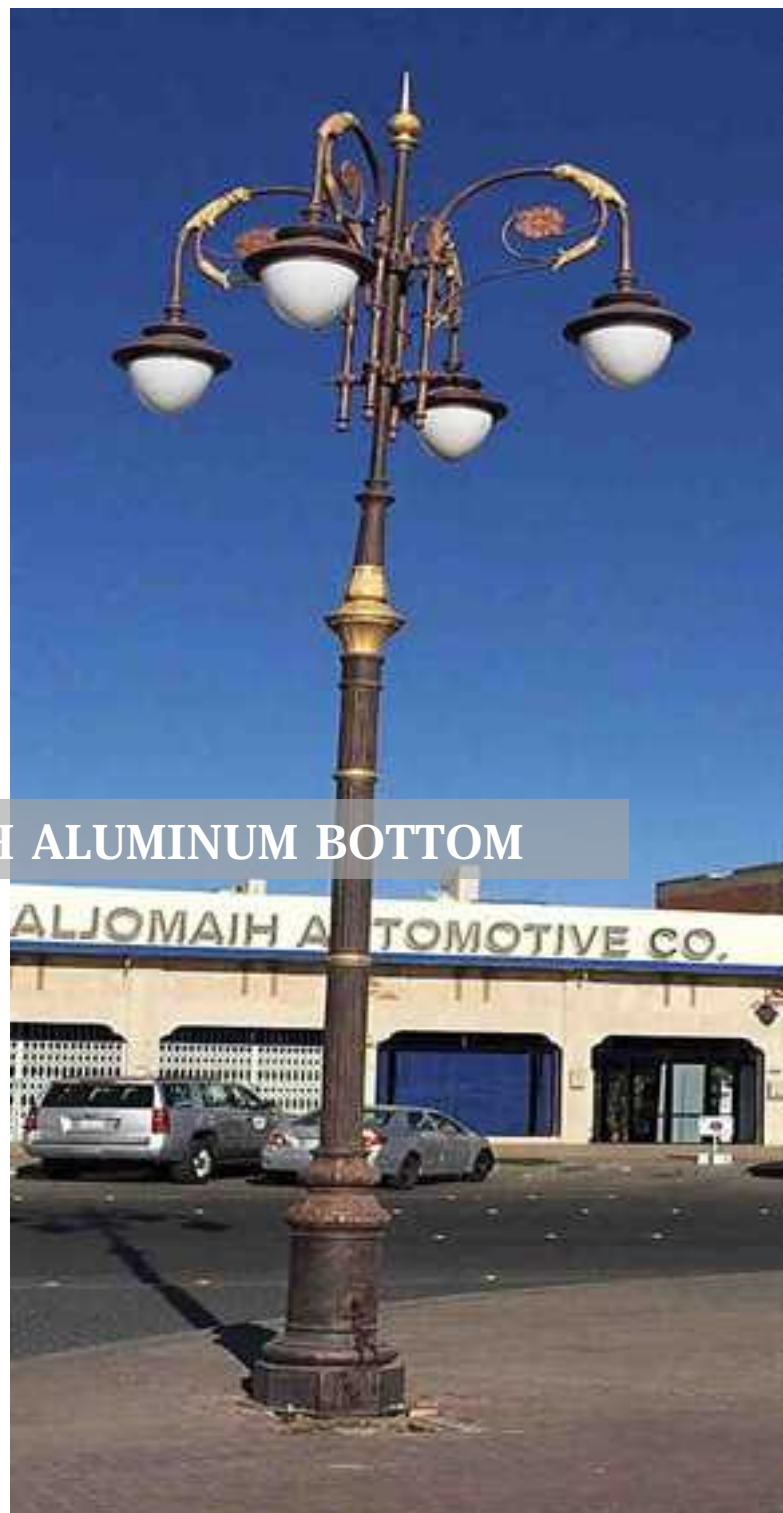






## **SAA-2050** **CLASSICAL HOUSE**

**HEIGHT** : 6M – 12M  
**ARM** : SINGLE/DOUBLE  
**L- FIXTURE** : 100W Decorative  
**PAINTED** : BLACK COLOR  
**BOTTOM** : ALUMINUM



**4 WAY DECORATIVER ARM WITH ALUMINUM BOTTOM**

## **SAA-2060** **CLASSICAL PARKING**

**HEIGHT** : 6M – 12M  
**ARM** : SINGLE/DOUBLE  
**L- FIXTURE** : 100W Decorative  
**PAINTED** : BLACK COLOR  
**BOTTOM** : ALUMINUM





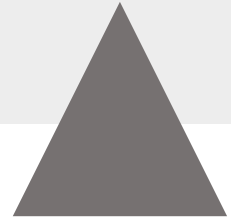
**SAA-2070**



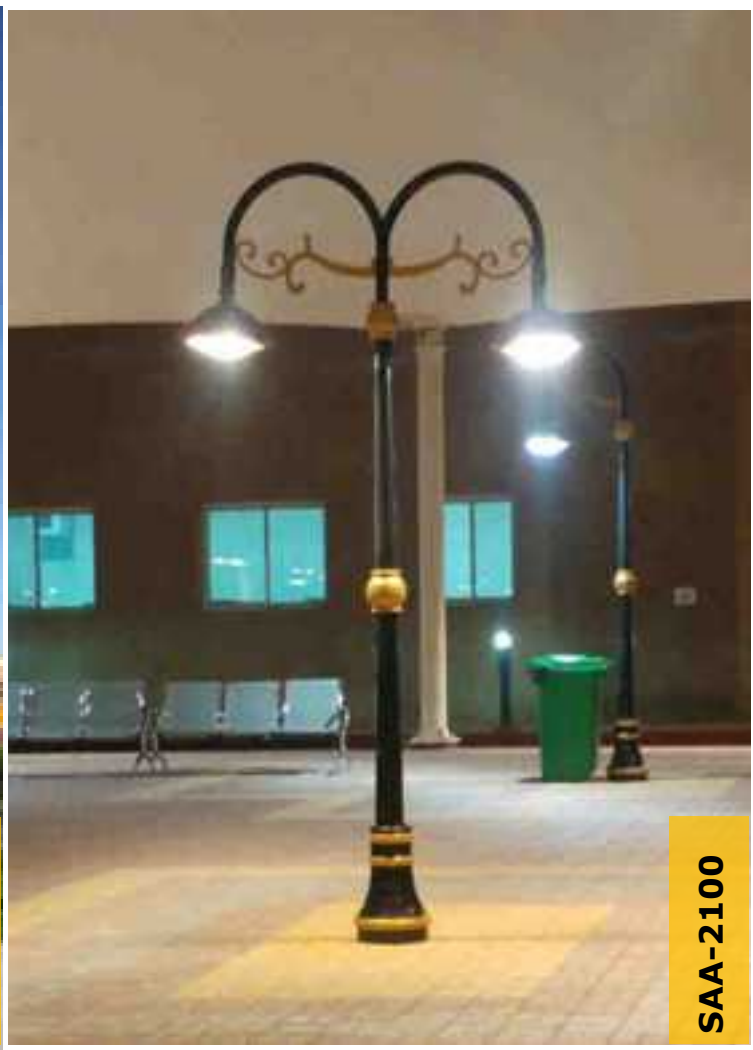
**SAA-2080**

## CLASSICAL STREET

HEIGHT : 6M - 12M  
 ARM : SINGLE/DOUBLE  
 L- FIXTURE : 100W Decorative  
 PAINTED : BLACK COLOR  
 BOTTOM : ALUMINUM



**SAA-2090**



**SAA-2100**



SAA-2110



SAA-2120



SAA-2130



**SAA-3010 | 3020 | 3030**  
**STREET DECORATIVE**

HEIGHT	: 6M – 12M
ARM	: SINGLE DECORATIVE ARM
L- FIXTURE	: 100/200W Decorative
PAINTED	: RAL
BOTTOM	: DECORATIVE PIPE





**SAA-3040**



**SAA-3050**



**SAA-3060**



**SAA-3070**

## STREET DECORATIVE

HEIGHT	: 6M – 12M
ARM	: SINGLE DECORATIVE ARM
L- FIXTURE	: 100/200W Decorative
PAINTED	: RAL
BOTTOM	: DECORATIVE PIPE



<b>SAA-4010</b>	<b>4020</b>	<b>4030</b>
<b>SOLAR DECORATIVE ARM</b>		<b>HEIGHT : 6M – 12M</b>



**SAA-4210**



**SAA-4220**



**SAA-4230**

**SOLAR LIGHTING POLE WITH SINGLE AND DOUBLE ARM**



**DECORATIVE POLES TOP LIGHTING**

**FOR PARKS 3M TO 6M**



**SAA-5810**



**SAA-5820**



**SAA-5830**



**SAA-5840**

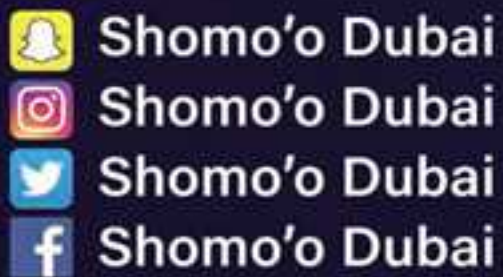


**SAA-5850**



**SAA-5960**





+966536943228



+966112392162



+97142231800



+971555593245



info@shomoodubai.com  
www.shomoa-dubai.com