LED CATALOGUE

- 2021-2022-

Meshkati
Lighting & electricity

مشكاتي
للإنارة والكهرباء

2021-2022

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مشكاتي
للإنارة والكهرباء
نوركو
NOORCO
هاڤان
HAVANN
Energizer

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Meshkati
Lighting & electricity

مشكاتي
للإنارة والكهرباء

Since 2009, with accelerated steps racing technology developments , Meshkati offers integrated solutions for professional lighting in Saud Arabia by providing our customers with high quality products that are worthy of their trust .

منذ عام 2009 وبخطوات متسارعة تسابق تطورات التقنية ، تسعى شركة مشكاتي لتقديم حلول متكاملة لنظم الإنارة الاحترافية في السعودية من خلال تقديم منتجات ذات جودة عالية جديرة بثقة العميل .

Meshkati is one of the pioneer companies in the lighting market in Saudi Arabia, as we have won the customer's trust through providing satisfactory products that serves the customers' needs using newest technology & best quality.

تُعد شركة مشكاتي من الشركات السبّاقة في سوق الإنارة في السعودية لأننا كسبنا ثقة العملاء من خلال ما نقدمه من منتجات تلبي رغبات العميل واحتياجاته باستخدام أحدث التقنيات وأعلى جودة متوفرة في الأسواق .

نووركو
NOORCO®

NOORCO : is the first brand of Meshkati company and is characterized by high quality and guarantee up to 5 years .

نووركو : هي العلامة التجارية الأولى لشركة مشكاتي

وتتميز بالجودة العالية وضمانها يصل إلى 5 سنوات

هافان
HAVANN

HAVANN: is the second brand of Meshkati Company and is characterized by competitive price and guarantee up to 3 years .

هافان : هي العلامة التجارية الثانية لشركة مشكاتي

وتتميز بالسعر التنافسي وضمانها يصل إلى 3 سنوات

Energizer

Energizer: Meshkati has acquired an exclusive agency for Energizer LED lighting products which is an international brand and it's guarantee up to 3 years .

انرجايزر :حصلت شركة مشكاتي على وكالة حصرية لمنتجات انارة انرجايزر وهي علامة تجارية عالمية وضمانها يصل الى ٣ سنوات .

Certificates

الشــهــادات

Certificate of Registration

ARES

The Governing Board of
ARES International Co., Ltd
hereby grants to :

Shenzhen Tongyifang Optoelectronic Technology Co.,Ltd.
(Organization Credit Code: 91440300069559549 21)
East of F/1-5, No.4 Workshop, Xinlianhe Industrial Park, Western Industrial Zone, Heyi, Shajing Street, Bao'an District, Shenzhen City, Guangdong Province, P.R. China

Has been assessed and found to be in accordance with the requirements of standard detailed below

ISO9001:2015

Scope

The Manufacture of LED Light Source

Authorized by

Certificate Number: ARES/CN/G17100040
Initial Certificate Date: 2017-11-09
Registration Expiration Date: 2020-11-08
First Registration Date: 2011-11-15
Annual Certificate Date: 2017-11-09
Annual Certificate Expiration: 2018-11-08

ARES International Co., Ltd.

IAF ARES TAF

深圳市同一方光电技术有限公司

LETTER OF CERTIFICATION

证明书

MESHKATI TRADING COMPANY Brand: NOORCO 作为我们公司战略合作伙伴，所使用 LED 光源均由我司封装，采用台湾晶元、美国普瑞。所有我们的 LED 光源 100%通过品质和亮度检测，如有疑问，我们可以协助鉴别。感谢你对同一方光电的支持。

LETTER OF CERTIFICATION

Feb. 26.2018

MESHKATI TRADING COMPANY Brand: NOORCO is our Strategic partner. All the LED light sources using Taiwan Epistar and USA Bridgelux chip are encapsulated by our company .And all our LED light sources are 100% tested for quality and brightness. If there is any doubt, we can help to verify. Thanks for your support to Shenzhen Tongyifang Optoelectronic Technology CO., LTD.

ADD:NO.4 Buiding,xinlianhe Industral park,Jinchegn Road,Shajing,Bao'an ,Shenzhen.

Tel:+86-755-27910117

BACL
Bay Area Compliance Labs Corp.

TEST REPORT
IEC 62471:2006
Photobiological safety of lamps and lamp systems

Report reference No	R2DG170420051-03
Compiled by (+ signature)	Youyou Huang
Approved by (+ signature)	Boyce Yang
Date of issue	2017-04-26
Testing laboratory	Bay Area Compliance Laboratories Corp. (Dongguan)
Address	No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China
Testing location	Same as above
Applicant	Shenzhen Tongyifang Optoelectronic Technology Co., Ltd
Address	No.4 Building,XinLianHe Industrial Park, Jincheng Road, ShajingTown, Baoan District, Shenzhen City, China
Standard	IEC 62471:2006
Test sample(s) received	2017-04-21
Test in period	2017-04-24
Procedure deviation	N.A.
Non-standard test method	N.A.

Note: The test data was only valid for the test sample(s). This test report is prepared for the customer shown above and for the specific product described herein. It must not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Dongguan).

Type of test object	1W SMD
Trademark	
Model/type reference	SY31003
Multiply model	SY31006, SY31009, SY31018, SF31003, SF31006, SF31009, SF31018
Manufacturer	Shenzhen Tongyifang Optoelectronic Technology Co., Ltd No.4 Building,XinLianHe Industrial Park, Jincheng Road, ShajingTown, Baoan District, Shenzhen City, China
Rating	Input: 2.8-3.6Vdc, 350mA, 1.3W

Copy of marking plate:
None

Page 1 of 16

IEC IECEE

Test Report issued under the responsibility of:
TÜVRheinland®

TEST REPORT
IEC 61347-2-13
Part 2: Particular requirements:
Section 13 – d.c. or a.c. supplied electronic controlgear for LED modules

Report Number	16071753 001
Date of issue	2016.01.05
Total number of pages	90
Name of Testing Laboratory preparing the Report	TÜV Rheinland (GuangDong) Ltd.
Applicant's name	Dingshang Electronic Science & Technology Co., Ltd.
Address	5,6 Floor, No.2, Lelin Street Tongyi Industrial Zone, Guzhen, Zhongshan City, 528421 Guangdong, China
Test specification:	
Standard	IEC 61347-2-13:2014 (Second Edition) used in conjunction with IEC 61347-1:2007 (Second Edition) + A1:2010 + A2:2012
Test procedure	CB Scheme
Non-standard test method	N/A
Test Report Form No.	IEC61347_2_13E
Test Report Form(s) Originator	Intertek Semko AB
Master TRF	2014-12

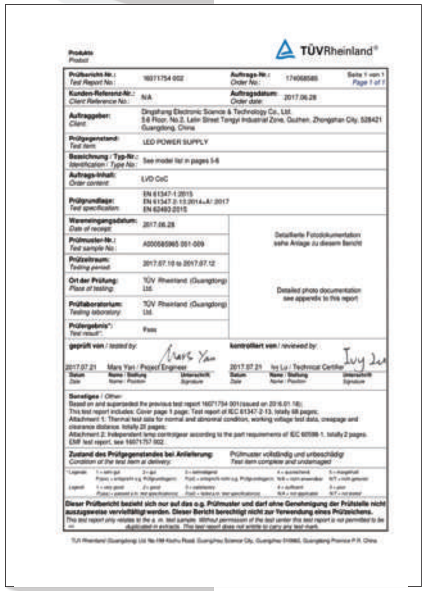
Copyright © 2014 IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE System). All rights reserved.

If this Test Report Form is used by non-IECEE members, the IECEE/IEC logo and the reference to the CB Scheme procedure shall be removed.

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.



TÜVRheinland®

Produkte / Product

Prüfbericht-Nr.: / Test Report No.:	16071754 002	Auftrags-Nr.: / Order No.:	174068585
Kunden-Referenz-Nr.: / Client Reference No.:	N/A	Auftragsdatum: / Order date:	2017.06.28
Auftraggeber: / Client:	Dingshang Electronic Science & Technology Co., Ltd. 5,6 Floor, No.2, Lelin Street Tongyi Industrial Zone, Guzhen, Zhongshan City, 528421 Guangdong, China		
Prüfgegenstand: / Test item:	LED POWER SUPPLY		
Bezeichnung / Typ-Nr.: / Identification / Type No.:	See model list in pages 5-6		
Auftrags-Inhalt: / Order content:	LVD CoC		
Prüfgrundlage: / Test specification:	EN 61347-1:2015 EN 61347-2-13:2014+A1:2017 EN 62493:2015		
Wareneingangsdatum: / Date of receipt:	2017.06.28	Detaillierte Fotodokumentation siehe Anlage zu diesem Bericht	
Prüfmuster-Nr.: / Test sample No.:	A000585965 001-009		
Prüfzeitraum: / Testing period:	2017.07.10 to 2017.07.12		
Ort der Prüfung: / Place of testing:	TÜV Rheinland (Guangdong) Ltd.	Detailed photo documentation see appendix to this report	
Prüflaboratorium: / Testing laboratory:	TÜV Rheinland (Guangdong) Ltd.		
Prüfergebnis*: / Test result*:	Pass		

geprüft von / tested by: 2017.07.21 Mars Yan / Project Engineer
kontrolliert von / reviewed by: 2017.07.21 Ivy Lu / Technical Certifier

Sonstiges / Other:
Based on and superseded the previous test report 16071754 001(issued on 2016.01.18);
This test report includes: Cover page 1 page; Test report of IEC 61347-2-13, totally 68 pages;
Attachment 1: Thermal test data for normal and abnormal condition, working voltage test data, creepage and clearance distance, totally 21 pages;
Attachment 2: Independent lamp controlgear according to the part requirements of IEC 60598-1, totally 2 pages.
EMF test report, see 16071757 002.

Zustand des Prüfgegenstandes bei Anlieferung: / Condition of the test item at delivery: Prüfmuster vollständig und unbeschädigt / Test item complete and undamaged

Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.
This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.

CERTIFICATE
of Conformity
Low Voltage Directive 2014/35/EU

TÜVRheinland®

Registration No.: AN 50383973 0001
Report No.: 16071754 002

Holder: Dingshang Electronic Science & Technology Co., Ltd
5,6 Floor, No.2, Lelin Street
Tongyi Industrial Zone, guzhen
Zhongshan City, Guangdong Province 528421
P. R. China

Product: Electronic Control Unit (LED POWER SUPPLY)

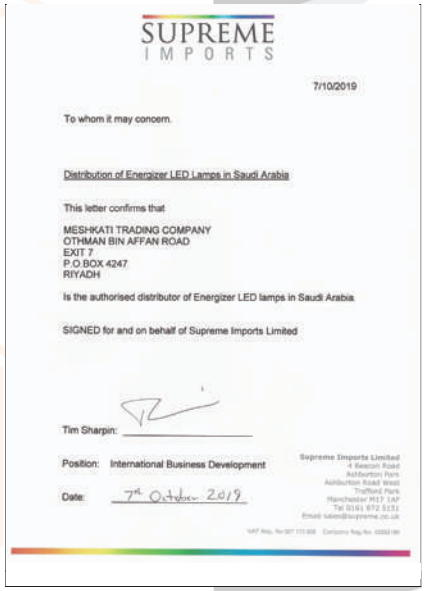
This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive 2014/35/EU, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.

Date 21.07.2017

Eileen Feng

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

The CE marking may be used if all relevant and effective EC Directives are complied with.



SUPREME IMPORTS

7/10/2019

To whom it may concern.

Distribution of Energizer LED Lamps in Saudi Arabia

This letter confirms that

MESHKATI TRADING COMPANY
OTHMAN BIN AFFAN ROAD
EXIT 7
P.O.BOX 4247
RIYADH

Is the authorised distributor of Energizer LED lamps in Saudi Arabia

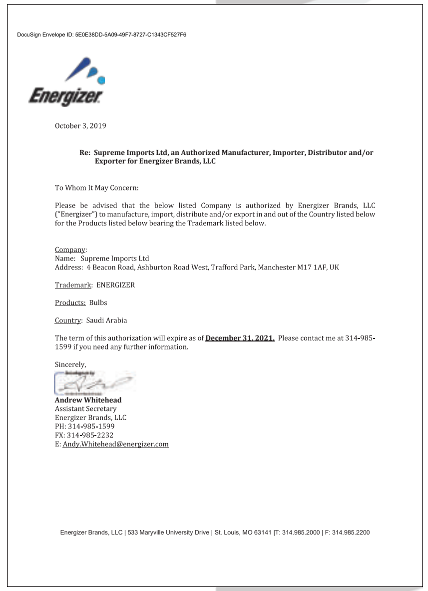
SIGNED for and on behalf of Supreme Imports Limited

Tim Sharpin:

Position: International Business Development

Date: 7th October 2019

Supreme Imports Limited
4 Beacon Road
Ashburton Park
Ashburton Road West
Trafford Park
Manchester M17 1AF
Tel 0161 872 5151
Email sales@supreme.co.uk



DocuSign Envelope ID: 5E0E38DD-5A09-49F7-8727-C1343CF527F6

Energizer

October 3, 2019

Re: Supreme Imports Ltd, an Authorized Manufacturer, Importer, Distributor and/or Exporter for Energizer Brands, LLC

To Whom It May Concern:

Please be advised that the below listed Company is authorized by Energizer Brands, LLC ("Energizer") to manufacture, import, distribute and/or export in and out of the Country listed below for the Products listed below bearing the Trademark listed below.

Company:
Name: Supreme Imports Ltd
Address: 4 Beacon Road, Ashburton Road West, Trafford Park, Manchester M17 1AF, UK

Trademark: ENERGIZER

Products: Bulbs

Country: Saudi Arabia

The term of this authorization will expire as of **December 31, 2021.** Please contact me at 314-985-1599 if you need any further information.

Sincerely,

Andrew Whitehead
Assistant Secretary
Energizer Brands, LLC
PH: 314-985-1599
FX: 314-985-2232
E: Andy.Whitehead@energizer.com

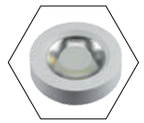
Energizer Brands, LLC | 533 Maryville University Drive | St. Louis, MO 63141 |T: 314.985.2000 | F: 314.985.2200

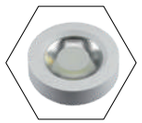
Down Light

-مجموعة الانارة السقفية

NR-CL103

HV-DL103


NR-CL101S


HV-CL101S

-مميزات المنتج :

-يتميز المنتج بدرجة سطوع عالية والوان حادة عالية الجودة .

-العدسة المستخدمة في الانارة هي Bridgelux .

-تم صناعة المنتج من مواد عالية الجودة تمكنه من مقاومة ارتفاع درجة الحرارة وتكسبه قوة ومتانة تلبى احتياجات المستهلك .

-يتميز المنتج بتقنية العدسة الواحدة COB مما يجعله يتمتع بالدقة والبساطة والجمال .

-أماكن الاستخدام :

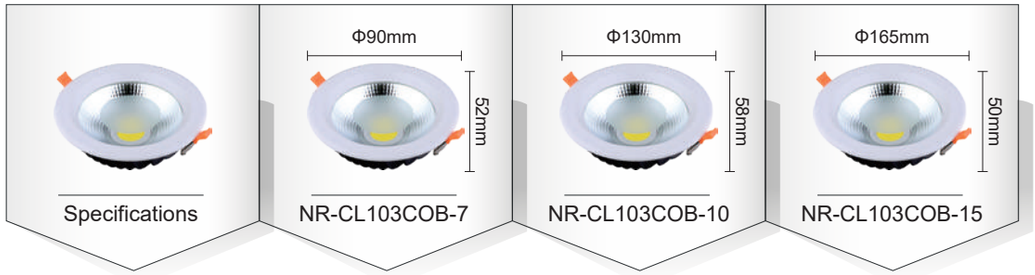
ياتى هذا المنتج بمقاسات متنوعة مما يجعله مناسب للاستخدام في العديد من الأماكن مثل المنازل والمناطق التجارية والابنية الإدارية والمطاعم واغراض الانارة الداخلية .

Product features:

The product is characterized by high brightness and high-quality sharp colors.
The lens used for lighting is Bridgelux.
The product is made of high-quality materials that meets the needs of the costumers.
The product is characterized by the single lens COB technology, which makes it accurate, simple and beautiful.

Application:

Commercial areas, office buildings, hotels, restaurants, home and other indoor lighting.



Specifications	NR-CL103COB-7	NR-CL103COB-10	NR-CL103COB-15
W Wattage	7W	10W	15W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	665lm	1067lm	1600lm
CCT	2700-7000K	2700-7000K	2700-7000K
Beam Angle	45°	45°	60°
IP	IP20	IP20	IP20
	50,000 hours	50,000 hours	50,000 hours
DF	≥0.7	≥0.7	≥0.7
	Φ72mm	Φ100mm	Φ140mm
Ra	≥80	≥80	≥80
COB SMD	COB	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO
Material	Alum	Alum	Alum

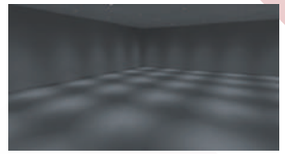
Description:
Recessed COB DownLight

Main material
- Die-cast aluminum+Glass cove+Engineering plastic High quality aluminum spherical reflector for soft and comfortable light.

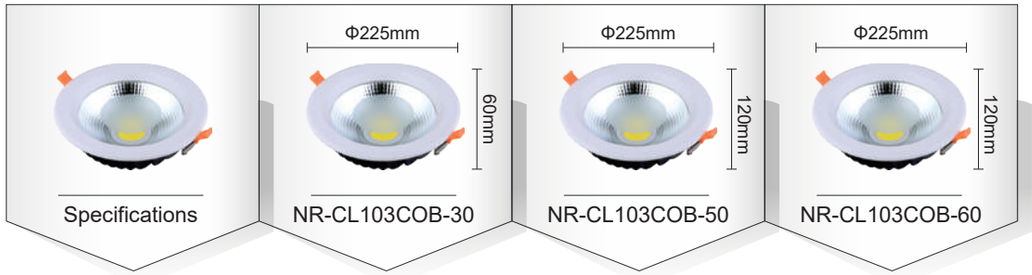
Specification
- Energy saving, up to 85% energy saving comparing to standard halogen and incandescent lamps long life,up to 50,000 hours.
- High quality light,high color rending,less heat,not UV or IR radiation
- Build-in LED driver

Applications
- Shopping mall
- Office buildings
- Exhibition hall
- Public lighting places

bridgelux



Product Color:
White: ☐



W Wattage	30W	50W	60W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	3200lm	5360lm	4800lm
CCT	2700-7000K	2700-7000K	2700-7000K
Beam Angle	90°	90°	90°
IP	IP20	IP20	IP20
	50,000 hours	50,000 hours	30,000 hours
DF	≥0.9	≥0.9	≥0.9
	Φ200mm	Φ200mm	Φ200mm
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO
Material	Alum	Alum	Alum

Description:
Recessed COB DownLight

Main material
• Die-cast aluminum+Glass cove+Engineering plastic High quality aluminum spherical reflector for soft and comfortable light.

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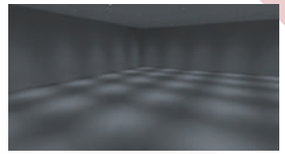
• High quality light,high color rending,less heat,not UV or IR radiation
• Build-in LED driver

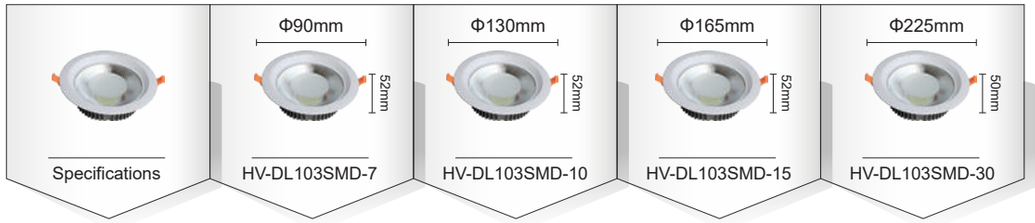
Applications
• Shopping mall
• Office buildings
• Exhibition hall
• Public lighting places

bridgelux

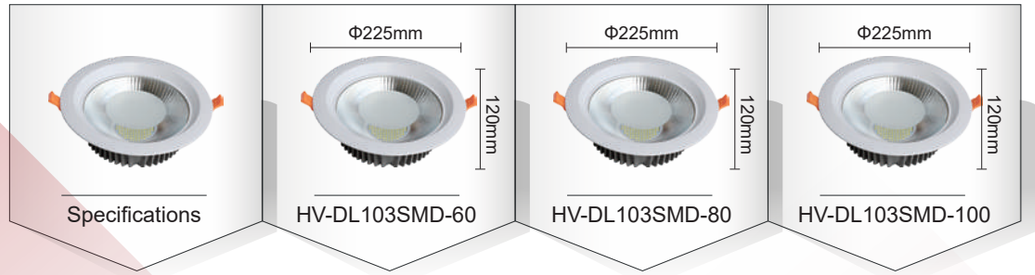
CE SASO ISO 9001 indoor IP 20



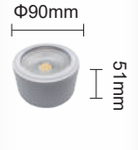
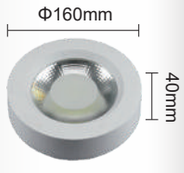
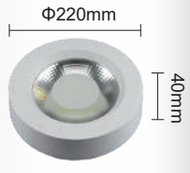
Product Color:
White: ☐

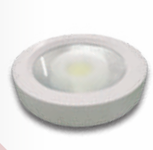
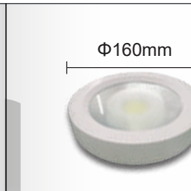
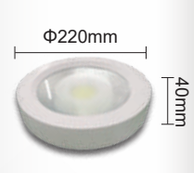


W Wattage	7W	10W	15W	30W
V·Hz	AC100-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	540lm	750lm	1200lm	3200lm
CCT	2700-7000K	2700-7000K	2700-7000K	2700-7000K
Beam Angle	45°	45°	120°	120°
IP	IP20	IP20	IP20	IP20
	30,000 hours	30,000 hours	30,000 hours	50,000 hours
DF	≥0.7	≥0.7	≥0.7	≥0.9
	Φ72mm	Φ100mm	Φ140mm	Φ200mm
Ra	≥80	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD	SMD
Chips	A	A	A	A
Driver	هـــافان HAVANN	هـــافان HAVANN	هـــافان HAVANN	هـــافان HAVANN
Material	Alum	Alum	Alum	Alum



W Wattage	60W	80W	100W
V·Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	4800lm	6400lm	8000lm
CCT	2700-7000K	2700-7000K	2700-7000K
Beam Angle	120°	120°	120°
IP	IP20	IP20	IP20
	30,000 hours	30,000 hours	30,000 hours
DF	≥0.9	≥0.9	≥0.9
	Φ200mm	Φ200mm	Φ200mm
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	A	A	A
Driver	هـــافان HAVANN	هـــافان HAVANN	هـــافان HAVANN
Material	Alum	Alum	Alum

Specifications	NR-CL101S-7	NR-CL101S-15	NR-CL101S-24
			
W Wattage	7W	15W	24W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	600lm	1600lm	2160lm
CCT	2700-7000K	2700-7000K	2700-7000K
Beam Angle	120°	120°	120°
IP	IP20	IP20	IP20
	30,000 hours	50,000 hours	50,000 hours
DF	≥0.7	≥0.7	≥0.7
Frame Color	White/Black	White/Black	White/Black
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO
Material	Alum	Alum	Alum

Specifications	HV-CL101S-7	HV-CL101S-15	HV-CL101S-24
			
W Wattage	7W	15W	24W
V·Hz	AC100-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	540lm	1200lm	1920lm
CCT	2700-7000K	2700-7000K	2700-7000K
Beam Angle	120°	120°	120°
IP	IP20	IP20	IP20
	30,000 hours	30,000 hours	30,000 hours
DF	≥0.7	≥0.7	≥0.7
Frame Color	White/Black	White/Black	White/Black
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	A	A	A
Driver	هـافان HAVANN	هـافان HAVANN	هـافان HAVANN
Material	Alum	Alum	Alum

LED Track Light

-مجموعة انارات المسارات

NRP-TL102

NR-TL101

-مميزات المنتج :

-يتميز المنتج بعدسة COB ذات جودة عالية تتميز بالسطوع والعمر الافتراضى الطويل .

-قوة فعالية الضوء وسهولة التحكم بتوجيه الإضاءة .

-تتميز الإضاءة بمعدل مرتفع في درجة وضوح اللون .CRI

-أماكن الاستخدام :

ياتى هذا المنتج بعدة مقاسات مما يجعله مناسب للاستخدام في عديد الأماكن كالمنازل والمطاعم والمكاتب والمنشات التجارية

Product features:

The product is characterized by a high quality COB lens, which is distinguished by its brightness and long service life

High light efficiency and easy to control direction of lighting.

This product is highly rated in color rendering index

Application:

Commercial areas, office buildings, hotels, restaurants, home and other indoor lighting.

W Wattage	10W	14W	20W	30W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	850lm	1260lm	1600lm	2700lm
CCT	2700-7000K	2700-7000K	2700-7000K	2700-7000K
Beam Angle	20°/30°/45°	20°/30°/45°	20°/30°/45°	20°/30°/45°
IP	IP20	IP20	IP20	IP20
	30,000 hours	30,000 hours	30,000 hours	30,000 hours
DF	≥0.7	≥0.7	≥0.7	≥0.9
Frame Color	Black	Black	Black	Black
Ra	≥97	≥97	≥97	≥97
COB SMD	COB	COB	COB	COB
Chips	bridgelux	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO	NOORCO
Material	Alum	Alum	Alum	Alum

Description:
LED Track Light

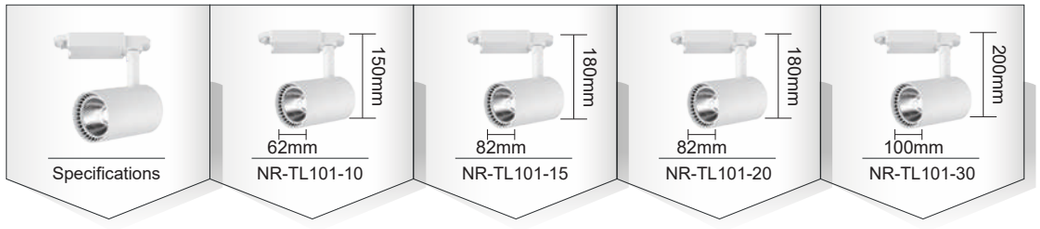
Main material
- Aluminum + Engineering plastic

Specification
- High quality COB model
- the projection angle:adjustable
- Energy saving, up to 85% energy saving comparing to standard halogen and incan-descent lamps
- Long life, up to 50,000 hours
- High quality light, high color rending,less heat,no UV or IR radiation
- supplied with LED driver

Applications
- Shopping mall
- Hotels
- Exhibition hall
- Art hall
- Museums

bridgelux

Product Color:
White: ☐



W Wattage	10W	15W	20W	30W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	850lm	1260lm	1600lm	2700lm
CCT	2700-7000K	2700-7000K	2700-7000K	2700-7000K
Beam Angle	24°	24°	24°	24°
IP	IP20	IP20	IP20	IP20
	30,000 hours	30,000 hours	30,000 hours	30,000 hours
DF	≥0.7	≥0.7	≥0.7	≥0.9
Frame Color	Black/White	Black/White	Black/White	Black/White
Ra	≥80	≥80	≥80	≥80
COB SMD	COB	COB	COB	COB
Chips	bridgelux	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO	NOORCO
Material	Alum	Alum	Alum	Alum

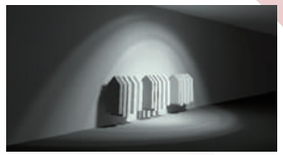
Description:
LED Track Light

Main material
- Aluminum + Engineering plastic

Specification
- High quality COB model
- the projection angle:adjustable
- Energy saving, up to 85% energy saving comparing to standard halogen and incan-descent lamps
- Long life, up to 50,000 hours
- High quality light, high color rending,less heat,no UV or IR radiation
- supplied with LED driver

Applications
- Shopping mall
- Hotels
- Exhibition hall
- Art hall
- Museums

bridgelux



Product Color:
White: ☐ Black: ■

LED Spot Light

مجموعة الانارة المركزة

NR-SL101

NR-G10

SL101

SL101

-مميزات المنتج :

-هيكل اللمبات مصنوع من مواد عالية الجودة .

-عمر افتراضى طويل واستهلاك منخفض للطاقة.

-درجة وضوح عالية للون وشدة اضاءة ممتازة .

-زوايا متعددة المقاسات ممايجعله مناسب لكافة الاستخدامات سواء كانارة عامة او انارات مركزة.

-تتوفر بعدة الوان وبدرجات لون مختلفة بداية من 2700 كلفن حتي 6500 كلفن .

-أماكن الاستخدام :

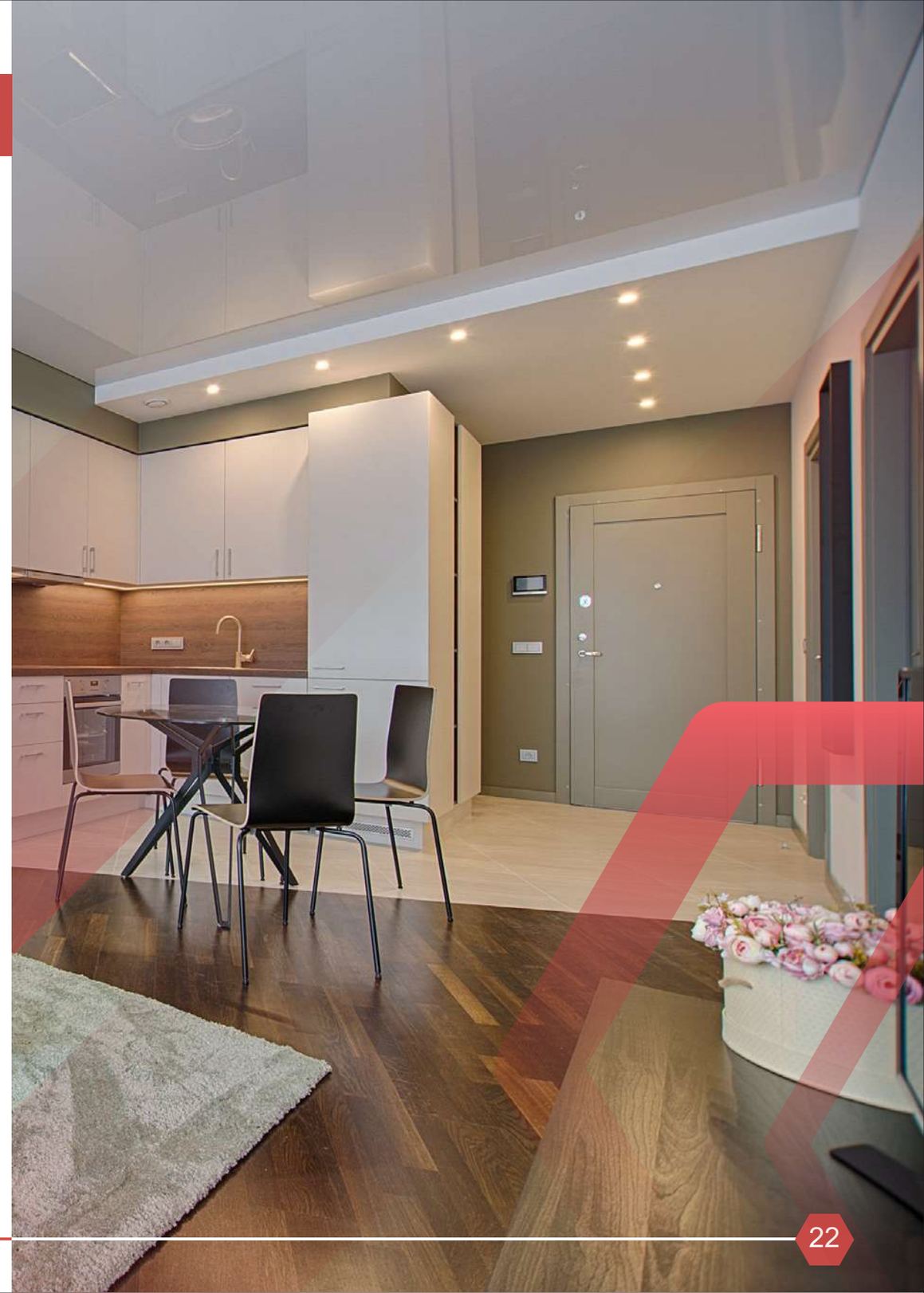
-يمكن استخدامها في المنازل ,المحلات التجارية ,المكاتب الإدارية , المطاعم والأسواق التجارية والفنادق والمدارس وقاعات المناسبات المغلقة .

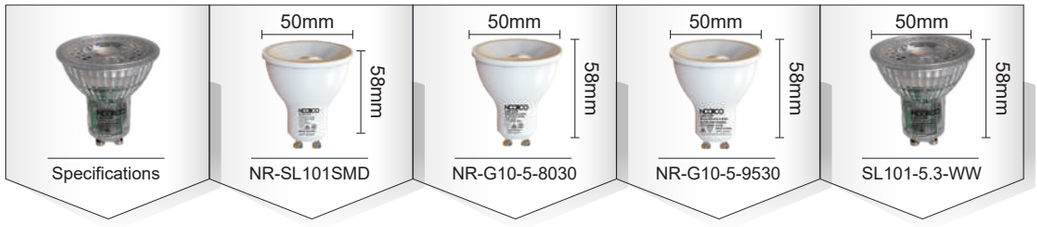
Product features:

The lamp body is made of high quality materials.
Long service life and low energy consumption.
High color clarity and excellent light intensity.
Multiple sizes of angles, which make it suitable for all uses, whether general lighting or focused lighting.
It is available in several colors and in different shades from 2700 K to 6500 K.

Application:

It can be used in homes, shops, administrative offices, restaurants, commercial markets, hotels, schools and indoor event halls.





W Wattage	5.3W	5.3W	5.3W	5.3W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	600lm	380lm	470lm	600lm
CCT	2700-7000K	2700-7000K	2700-7000K	2700-7000K
Beam Angle	60°	12°	60°	60°
IP	IP20	IP20	IP20	IP20
	20,000 hours	20,000 hours	20,000 hours	20,000 hours
DF	≥0.5	≥0.5	≥0.5	≥0.5
	GU10	GU10	GU10	GU10
Ra	≥85	≥80	≥95	≥85
COB SMD	SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO	NOORCO
Material	PC	PC	PC	PC

GU10 LAMP CUP

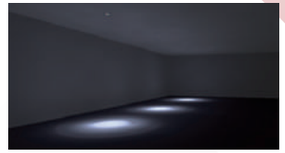
Description:
LED Lamp Cup

Main material
- Engineering plastic High quality light guide plate(LGP)

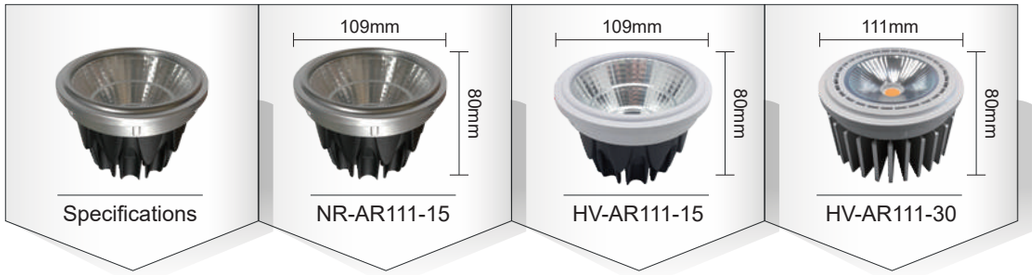
Specification
- Energy saving, up to 85% energy saving comparing to standard halogen and incan-descent lamps
- High quality light,high color rending, less heat, not UV or IR radiation
- Built-in LED driver

Applications
- Hotels
- Art hall
- Exhibition hall
- Museums

bridgelux



Product Color:
White: ☐ Transparency: ☐



Specifications	NR-AR111-15	HV-AR111-15	HV-AR111-30
W Wattage	15W	15W	30W
V·Hz	AC100-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	1200lm	1200lm	2700lm
CCT	2700-7000K	2700-7000K	2700-7000K
Beam Angle	24°	24°	90°
IP	IP20	IP20	IP20
	30,000 hours	30,000 hours	30,000 hours
DF	≥0.7	≥0.7	≥0.9
Frame Color	White/Silver	White/Silver	White/Silver
Ra	≥80	≥80	≥80
COB SMD	COB	COB	COB
Chips	bridgelux	A	A
Driver	NOORCO	هافان HAVANN	هافان HAVANN
Material	Alum+PMMA	Alum+PMMA	Alum+PMMA

Description:
Spot Light Modular

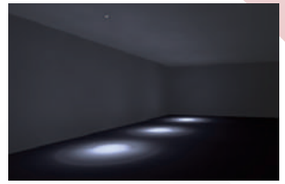
Main material
- Die-cast aluminum+Glass cove+Engineering plastic High quality aluminum spherical reflector for soft and comfortable light.

Specification
- Energy saving, up to 85% energy saving comparing to standard halogen and incandescent lamps long life,up to 50,000 hours.
- High quality light,high color rending,less heat,not UV or IR radiation
- Build-in LED driver

Applications
- Shopping mall
- Office buildings
- Exhibition hall
- Public lighting places

bridgelux

CE SASO ISO 9001 indoor IP 20



Product Color:
White: ☐ Silver: ☐

Specifications	NR-SLM101-7	NR-SLM101-10	NR-SLM101-15
W Wattage	7W	10W	15W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	540lm	750lm	1200lm
CCT	2700-7000K	2700-7000K	2700-7000K
Beam Angle	20°/45°	24°/36°	24°/45°
IP	IP20	IP20	IP20
	30,000 hours	30,000 hours	30,000 hours
DF	≥0.7	≥0.7	≥0.7
Frame Color	White/Silver	White/Silver	White/Silver
Ra	≥95	≥95	≥95
COB SMD	COB	COB	COB
Chips	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO
Material	Alum+PMMA	Alum+PMMA	Alum+PMMA

Description:
Spot Light Modular

Main material
- Die-cast aluminum+Glass cove+Engineering plastic High quality aluminum spherical reflector for soft and comfortable light.

Specification
- Energy saving, up to 85% energy saving comparing to standard halogen and incandescent lamps long life,up to 50,000 hours.
- High quality light,high color rending,less heat,not UV or IR radiation
- Build-in LED driver

Applications
- Shopping mall
- Office buildings
- Exhibition hall
- Public lighting places

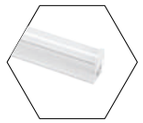
bridgelux

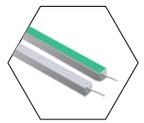
Product Color:
White: ☐
Silver: ☐

LED Tube Light

مجموعة الانارة الخطية

T8-GL


NR-T5-PC


NR-AL101

-مميزات المنتج :

-نظام عالي الطاقة يمتاز بفاعلية كبيرة ودرجة سطوع عالية .

-استهلاك منخفض للطاقة مع شدة اضاءة ممتازة.

-زواية انتشار واسعة تمنع تكوين ظلال مع الإضاءة.

-تنوع المقاسات المتوفرة ممايجعله مناسب لكل الأماكن .

-أماكن الاستخدام :

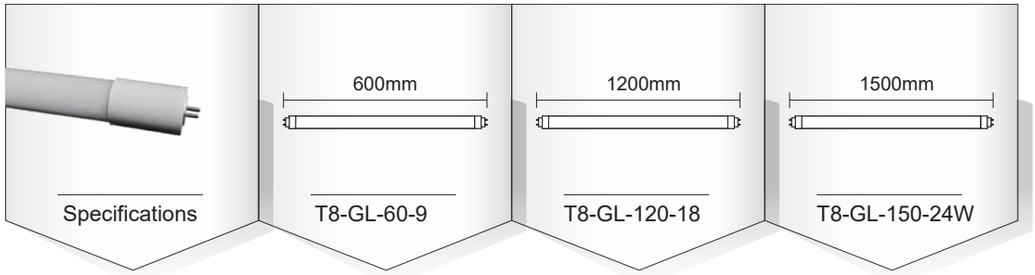
-يمكن استخدام هذا المنتج في المنازل والفنادق والمباني التجارية والمكاتب الإدارية .

Product features:

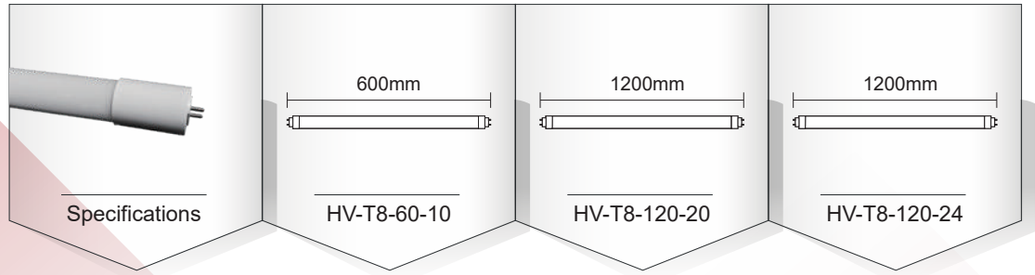
A high-power system, characterized by high efficiency and high brightness.
Low energy consumption with excellent light intensity.
Wide spread angle prevents shadow formation with lighting.
The available sizes make it suitable for all places.

Application:

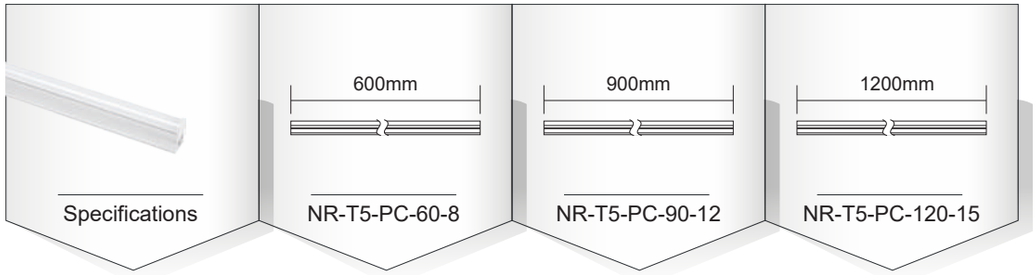
Homes, commercial and administrative buildings and hotels.



Specifications	T8-GL-60-9	T8-GL-120-18	T8-GL-150-24W
W Wattage	10W	18W	24W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	1067lm	2200lm	2900lm
CCT	2700-7000K	2700-7000K	2700-7000K
Beam Angle	270°	270°	270°
IP	IP40	IP40	IP40
	50,000 hours	50,000 hours	50,000 hours
DF	≥0.7	≥0.7	≥0.7
	G13	G13	G13
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO
Material	PC+Glass	PC+Glass	PC+Glass



Specifications	HV-T8-60-10	HV-T8-120-20	HV-T8-120-24
W Wattage	10W	20W	24W
V·Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	1067lm	1900lm	2280lm
CCT	2700-7000K	2700-7000K	2700-7000K
Beam Angle	270°	270°	270°
IP	IP40	IP40	IP40
	30,000 hours	30,000 hours	30,000 hours
DF	≥0.7	≥0.7	≥0.7
	G13	G13	G13
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	A	A	A
Driver	هـافان HAVANN	هـافان HAVANN	هـافان HAVANN
Material	PC+Glass	PC+Glass	PC+Glass



W Wattage	8W	12W	15W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	665lm	1280lm	1600lm
CCT	2700-7000K	2700-7000K	2700-7000K
Beam Angle	270°	270°	270°
IP	IP20	IP20	IP20
	50,000 hours	50,000 hours	50,000 hours
DF	≥0.7	≥0.7	≥0.7
	G13	G13	G13
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	EPISTAR	EPISTAR	EPISTAR
Driver	NOORCO	NOORCO	NOORCO
Material	Alum+PC	Alum+PC	Alum+PC

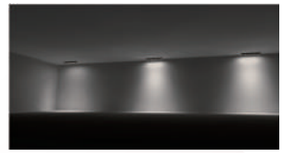
Description:
LED Line Light

Main material
- Aluminum + engineering plastic + Glass

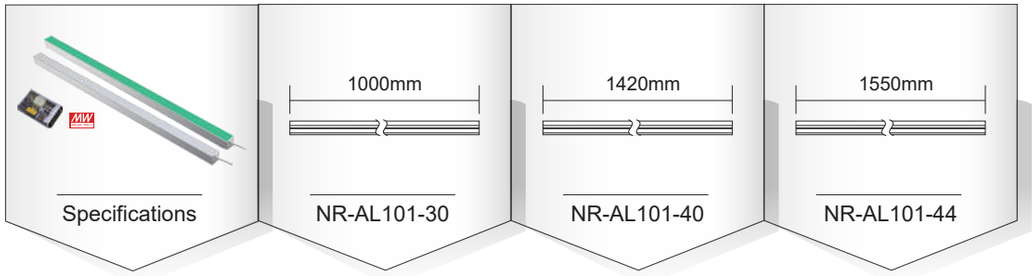
Specification
- Energy saving, up to 85% energy saving comparing to standard halogen and incan-descent lamps long life,up to 50,000 hours.
- High quality light,high color rending,less heat,not UV or IR radiation
- Supplied with LED driver

Applications
- Shopping mall
- Entertainment&leisure
- Retail

EPISTAR



Product Color:
White: ☐



W Wattage	30W	40W	44W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	2700lm	3600lm	3960lm
CCT	2700-7000K	2700-7000K	2700-7000K
Beam Angle	120°	120°	120°
IP	IP40	IP40	IP40
	30,000 hours	30,000 hours	30,000 hours
DF	≥0.9	≥0.9	≥0.9
Frame Color	Silver	Silver	Silver
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux
Driver	NOORCO MW	NOORCO MW	NOORCO MW
Material	Alum+PMMA	Alum+PMMA	Alum+PMMA

Description:
LED Line Light

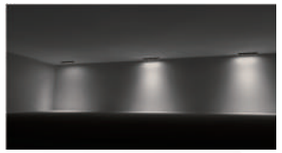
Main material
- Aluminum + engineering plastic

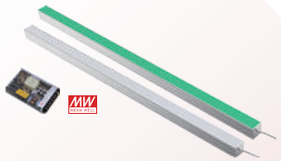
Specification
- Energy saving, up to 85% energy saving comparing to standard halogen and incan-descent lamps long life,up to 50,000 hours.
- High quality light,high color rending,less heat,not UV or IR radiation
- Supplied with LED driver

Applications
- Shopping mall
- Entertainment&leisure
- Retail
- Office

bridgelux

CE SASO ISO 9001 indoor IP 40

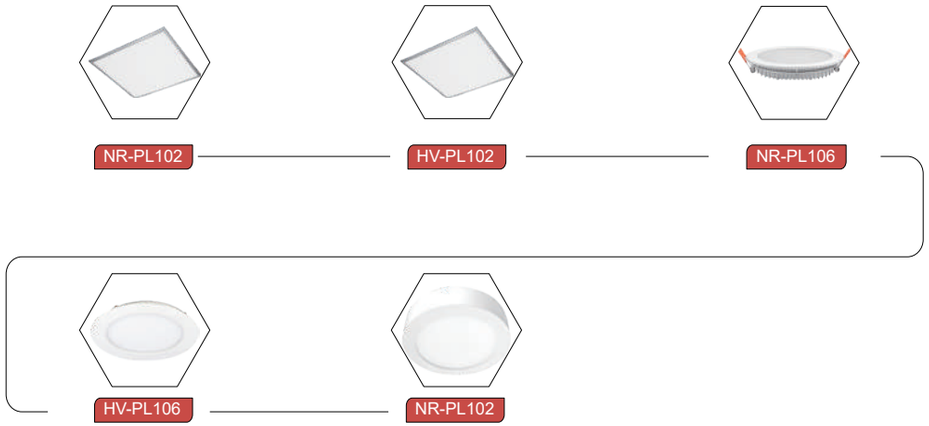




Product Color:
Silver:

LED Panel light

مجموعة الانارة المسطحة



-مميزات المنتج:

-ضوء ساطع وموحد وزواية انتشار واسعة لتغطية مساحات اوسع .

-حجم المصباح رقيق ليناسب الاماكن الضيقة .

-تنوع المقاسات ودرجات الاضاءة ليناسب كافة الاستخدمات .

-مناسب للاسقف الجبسية وبعض الانواع تصلح للاسقف الخرسانية .

-أماكن الاستخدام:

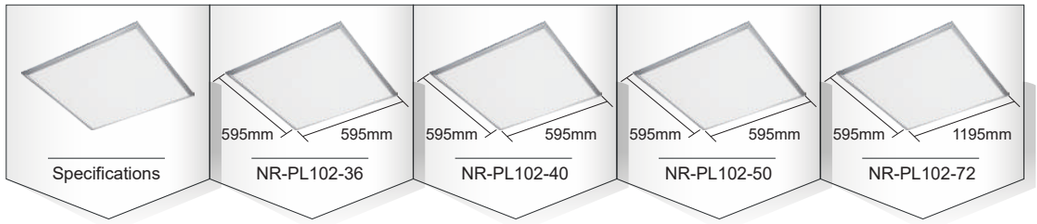
يصلح للاستخدام في أماكن العمل كالمكاتب والمدارس كما يصلح للاستخدام في المطاعم - والمبانى التجارية والمنازل .

Product features:

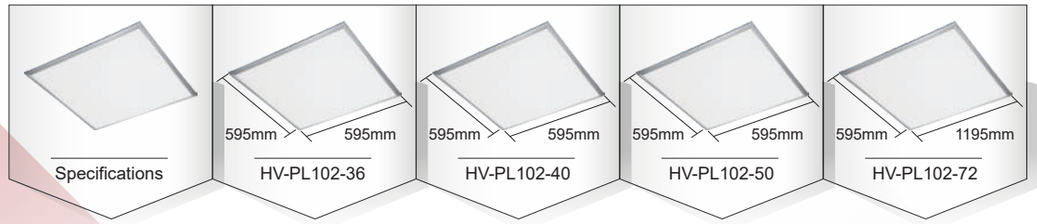
Bright, uniform light and wide spreading angle, which covers a larger area.
The size of the lamp is thin, making it suitable for use in confined spaces.
A variety of sizes and degrees of light are available to suit all uses.
Suitable for gypsum ceilings, and also some types of concrete surfaces.

Application:

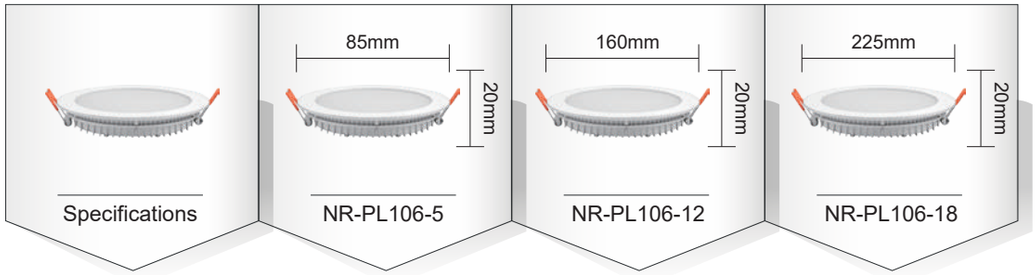
Suitable for use in workplaces such as offices and schools, as well as in restaurants, commercial buildings and homes.



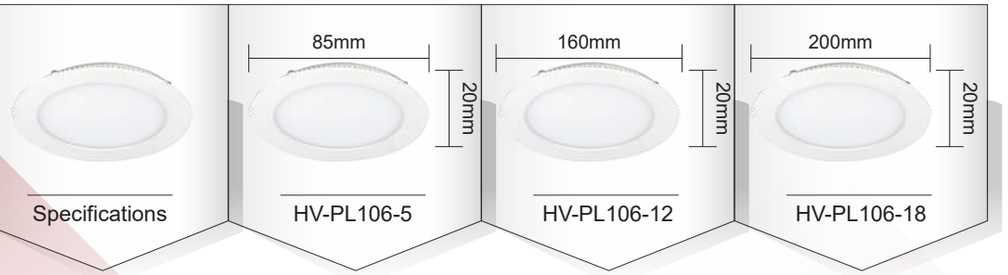
W Wattage	36W	40W	50W	72W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	3240lm	3600lm	4500lm	6480lm
CCT	2700-7000K	2700-7000K	2700-7000K	2700-7000K
Beam Angle	120°	120°	120°	120°
IP	IP40	IP40	IP40	IP40
	50,000 hours	50,000 hours	50,000 hours	50,000 hours
DF	≥0.9	≥0.9	≥0.9	≥0.9
	595*595	595*595	595*595	595*1195
Ra	≥85	≥85	≥85	≥85
COB SMD	SMD	SMD	SMD	SMD
Chips	EPISTAR	EPISTAR	EPISTAR	EPISTAR
Driver	NOORCO	NOORCO	NOORCO	NOORCO
Material	Alum+PMMA	Alum+PMMA	Alum+PMMA	Alum+PMMA



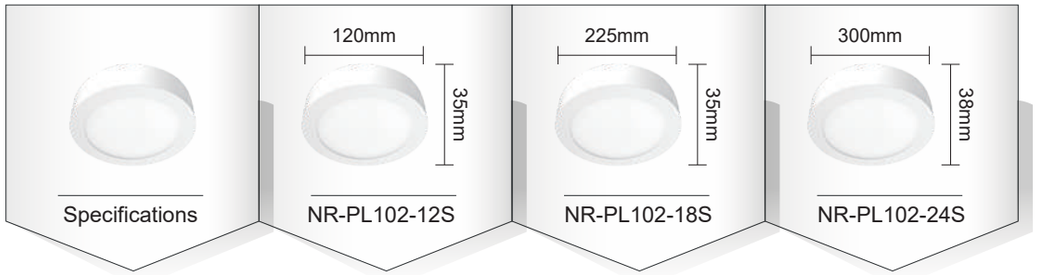
W Wattage	36W	40W	50W	72W
V·Hz	A220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	2880lm	3200lm	4000lm	5760lm
CCT	2700-7000K	2700-7000K	2700-7000K	2700-7000K
Beam Angle	120°	120°	120°	120°
IP	IP40	IP40	IP40	IP40
	30,000 hours	30,000 hours	30,000 hours	30,000 hours
DF	≥0.9	≥0.9	≥0.9	≥0.9
	595*595	595*595	595*595	595*1195
Ra	≥80	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD	SMD
Chips	A	A	A	A
Driver	هـافان HAVANN	هـافان HAVANN	هـافان HAVANN	هـافان HAVANN
Material	Alum+PMMA	Alum+PMMA	Alum+PMMA	Alum+PMMA



Specifications	NR-PL106-5	NR-PL106-12	NR-PL106-18
W Wattage	5W	12W	18W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	250lm	960lm	1530lm
CCT	2700-7000K	2700-7000K	2700-7000K
Beam Angle	120°	120°	120°
IP	IP40	IP40	IP40
	50,000 hours	50,000 hours	50,000 hours
DF	≥0.4	≥0.7	≥0.7
	70mm	140mm	200mm
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	EPISTAR	EPISTAR	EPISTAR
Driver	NOORCO	NOORCO	NOORCO
Material	Alum	Alum	Alum



Specifications	HV-PL106-5	HV-PL106-12	HV-PL106-18
W Wattage	5W	12W	18W
V·Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	200lm	900lm	1440lm
CCT	2700-7000K	2700-7000K	2700-7000K
Beam Angle	120°	120°	120°
IP	IP20	IP20	IP20
	30,000 hours	30,000 hours	30,000 hours
DF	≥0.4	≥0.7	≥0.7
	70mm	140mm	200mm
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	A	A	A
Driver	هـافان HAVANN	هـافان HAVANN	هـافان HAVANN
Material	Alum	Alum	Alum



W Wattage	12W	18W	24W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	1080lm	1440lm	1920lm
CCT	2700-7000K	2700-7000K	2700-7000K
Beam Angle	120°	120°	120°
IP	IP20	IP20	IP20
	30,000 hours	30,000 hours	30,000 hours
DF	≥0.7	≥0.7	≥0.7
Frame Color	White	White	White
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	EPISTAR	EPISTAR	EPISTAR
Driver	NOORCO	NOORCO	NOORCO
Material	Alum	Alum	Alum

Description:
LED Panel Light

Main material
- Aluminum + engineering plastic

Specification
- Easy installation light equalization,smooth light
- Energy saving, up to 85% energy saving comparing to standard halogen and incan-descent lamps
- High quality light,high color rending,less heat,not UV or IR radiation
- Supplied with LED driver

Applications
- Shopping mall
- Entertainment&leisure
- Retail

EPISTAR

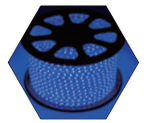
Product Color:
White: ☐

LED Strip light

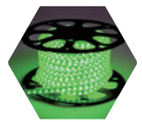
-مجموعة الانارة الشريطية .

DC-12V-2835

DC-24V-2835


DC-12V-5050

DC-24V-5050


NR-ST101

NR-NE101

-مميزات المنتج :

-كثافة عالية للمبات و استهلاك منخفض للطاقة.

-هيكل مرن سهل التشكيل وجودة عالية .

-درجة تحمل عالية ومقاومة للماء والغبار.

-تنوع الألوان المتاحة و إمكانية التحكم في شدة الإضاءة عن طريق الديمر .

-بعض الأنواع تاتي مع شريط لاصق لتناسب جميع الأماكن والاغراض .

-أماكن الاستخدام :

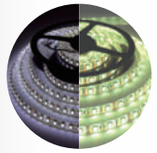
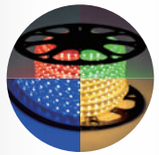
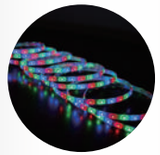
-يمكن استخدام هذا المنتج في المنازل والفنادق والمباني التجارية والمكاتب الإدارية.

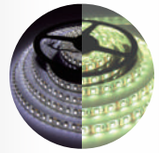
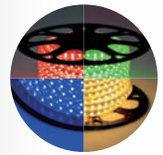
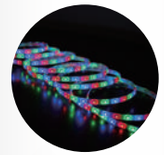
Product features:

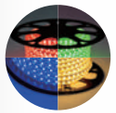
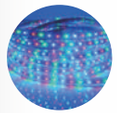
High intensity bulbs, low energy consumption.
Durable, water and dust resistant.
Variety of colors available.
The possibility of controlling the intensity of lighting by the dimmer.
Some species come with duct tape to suit all places and objects.

Application:

Homes, commercial and administrative buildings and hotels.

Specifications	DC-12V-2835 DC-24V-2835	DC-12V-2835 DC-24V-2835	DC-12V-2835-RGB DC-24V-2835-RGB
			
W Wattage	6W/m 10W/m	6W/m 10W/m	6W/m 10W/m
V·Hz	DC12V/DC24V	DC12V/DC24V	DC12V/DC24V
lm	720lm/m 1200lm/m	720lm/m 1200lm/m	720lm/m 1200lm/m
CCT	3300K 5300K	630K/525K 470K595K	465K-6300K
Beam Angle	120°	120°	120°
IP	IP20	IP20	IP20
	20,000 hours	20,000 hours	20,000 hours
LED Quantity	60/120	60/120	60/120
Color	White/Warm White	Red/Green Blue/Yellow	Colorful
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO
Material	FPC	FPC	FPC

Specifications	DC-12V-5050 DC-24V-5050	DC-12V-5050 DC-24V-5050	DC-12V-5050-RGB DC-24V-5050-RGB
			
W Wattage	10W/m	10W/m	10W/m
V·Hz	DC12V/DC24V	DC12V/DC24V	DC12V/DC24V
lm	1000lm	1000lm	1000lm
CCT	3300-5300K	630K/525K 470K595K	465K-6300K
Beam Angle	120°	120°	120°
IP	IP20	IP20	IP20
	20,000 hours	20,000 hours	20,000 hours
LED Quantity	60	60	60
Color	White/Warm White	Red/Green Blue/Yellow	Colorful
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO
Material	FPC	FPC	FPC

Specifications	NR-ST101-5050	NR-ST101-5050	NR-ST101-5050-RGB	NRP-ST101-3200K
				
W Wattage	8W/m	8W/m	8W/m	7W/m
V·Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	400lm/m	400lm/m	400lm/m	460lm/m
CCT	3300K 5300K	630K/525K 470K/595K	465K-6300K	3200K
Beam Angle	120°	120°	120°	120°
IP	IP65	IP65	IP65	IP65
	20,000 hours	20,000 hours	20,000 hours	20,000 hours
Ra	≥80	≥80	≥80	≥95
LED Quantity	60	60	60	60
Color	White/Warm White	Red/Green Blue/Yellow	Colorful	Warm White
COB SMD	SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO	NOORCO
Material	FPC	FPC	FPC	FPC

Specifications	NR-NE101-50	NR-NE101-50	NR-NE101-50
W Wattage	6W/m	6W/m	6W/m
V·Hz	AC220V 50/60Hz	AC220V 50/60Hz	AC220V 50/60Hz
lm	300lm/m	300lm/m	300lm/m
CCT	3300-5300K	3300-5300K	630K/525K 470K/595K
Beam Angle	120°	120°	120°
IP	IP65	IP65	IP65
	20,000 hours	20,000 hours	20,000 hours
LED Quantity	120	120	120
Color	White	Warm White	Red/Purple/Blue Yellow/Green
Ra	≥70	≥70	≥70
COB SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO
Material	PVC	PVC	PVC

LED High Bay Lamp

مجموعة إنارة المستودعات بمصابيح (LED) عالية الطاقة

NR-HB-101

HV-HB-101

NR-HB-102

-مميزات المنتج :

-مادة الصنع الومنيوم عالي الجودة مصنوع بجودة عالية ذات شكل انيق .

-استخدام الومنيوم مؤكسد بدرجة نقاء عالية وزجاج مشع عاكس يغطي مصدرالاضاءة .

-استخدام مصدر اضاءة عالي الطاقة ومحول كهربائي ثابت مدمج .

-قاعدة اللمبة مصنوعة من لوح الومنيوم سميك بتقنية تشتيت حراري .

-عمر افتراضي طويل وجودة عالية واستهلاك مخفض للطاقة .

-اماكن الاستخدام :

-ورش العمل والمستودعات والمباني الادارية ,المحطات ,قاعات العرض والصالات الرياضية والمراكز التجارية.

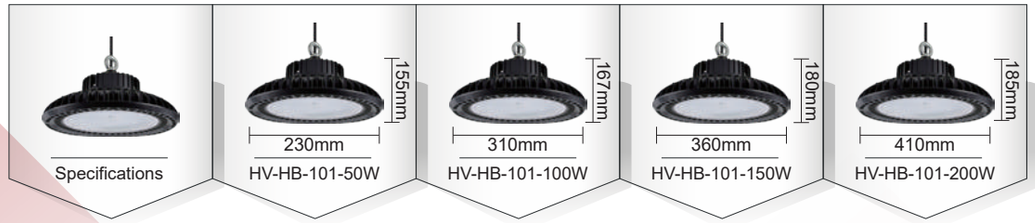
Product features:

The use of aluminum is highly oxidized and reflective radioactive glass covers the source of the lighting. Use a high-energy lighting source and a compact fixed electric transformer. The base of the light is made of a thick aluminum panel with a thermal scattering technique. Long life expectancy, high quality, reduced energy consumption.

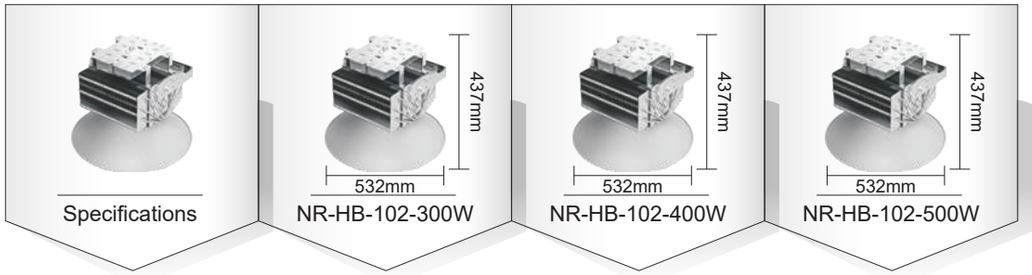
Application:

Workshops, warehouses, administrative buildings, stations, exhibition rooms, gymnasiums and commercial centers.

W Wattage	50W	100W	150W	200W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	5000lm	10000lm	15000lm	20000lm
CCT	2700-7000K	2700-7000K	2700-7000K	2700-7000K
Beam Angle	90°/120°	90°/120°	90°/120°	90°/120°
IP	IP65	IP65	IP65	IP65
	30,000 hours	30,000 hours	30,000 hours	30,000 hours
DF	≥0.9	≥0.9	≥0.9	≥0.9
Frame Color	White/Black/Silver	White/Black/Silver	White/Black/Silver	White/Black/Silver
Ra	≥80	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO	NOORCO
Material	Alum+PC	Alum+PC	Alum+PC	Alum+PC



W Wattage	50W	100W	150W	200W
V·Hz	A100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	5000lm	10000lm	150000lm	20000lm
CCT	2700-7000K	2700-7000K	2700-7000K	2700-7000K
Beam Angle	90°/120°	90°/120°	90°/120°	90°/120°
IP	IP65	IP65	IP65	IP65
	30,000 hours	30,000 hours	30,000 hours	30,000 hours
DF	≥0.9	≥0.9	≥0.9	≥0.9
Frame Color	White/Black/Silver	White/Black/Silver	White/Black/Silver	White/Black/Silver
Ra	≥80	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD	SMD
Chips	A	A	A	A
Driver	هـافان HAVANN	هـافان HAVANN	هـافان HAVANN	هـافان HAVANN
Material	Alum+PC	Alum+PC	Alum+PC	Alum+PC



Specifications	NR-HB-102-300W	NR-HB-102-400W	NR-HB-102-500W
W Wattage	300W	400W	500W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	30000lm	40000lm	50000m
CCT	2700-7000K	2700-7000K	2700-7000K
Beam Angle	90°/120°	90°/120°	90°/120°
IP	IP65	IP65	IP65
	30,000 hours	30,000 hours	30,000 hours
DF	≥0.9	≥0.9	≥0.9
Frame Color	White/Black/Silver	White/Black/Silver	White/Black/Silver
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO
Material	Alum+PC	Alum+PC	Alum+PC

Description:
LED High Bay Light

Main material
- Die-cast aluminum Engineering plastic + PC

Specification
- Energy saving, up to 85% energy saving comparing to standard halogen and incad-escent lamps
- High quality light, high color rending less heat, not UV or IR radiation
- supplied with LED driver

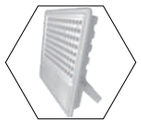
Applications
- Warehouse
- Workshop
- Indoor stadium
- Fitness room

bridgelux

Product Color:
White:
Silver:
Black:

LED Flood Lamp

مجموعة الانارة المسطحة



NR-FL103S

-مميزات المنتج :

-هيكل قوى مصنوع من رکائز الألومنيوم عالي الجودة بتصميم متفرد رائع.

-درجة تحمل عالية ومقاومة للماء والغبار .

-محول ليد مدمج مما يساعد على ثبات الضوء واستقراره .

-يعمل بفعالية ضمن نطاق 110 الى 220 فولت .

-أماكن الاستخدام :

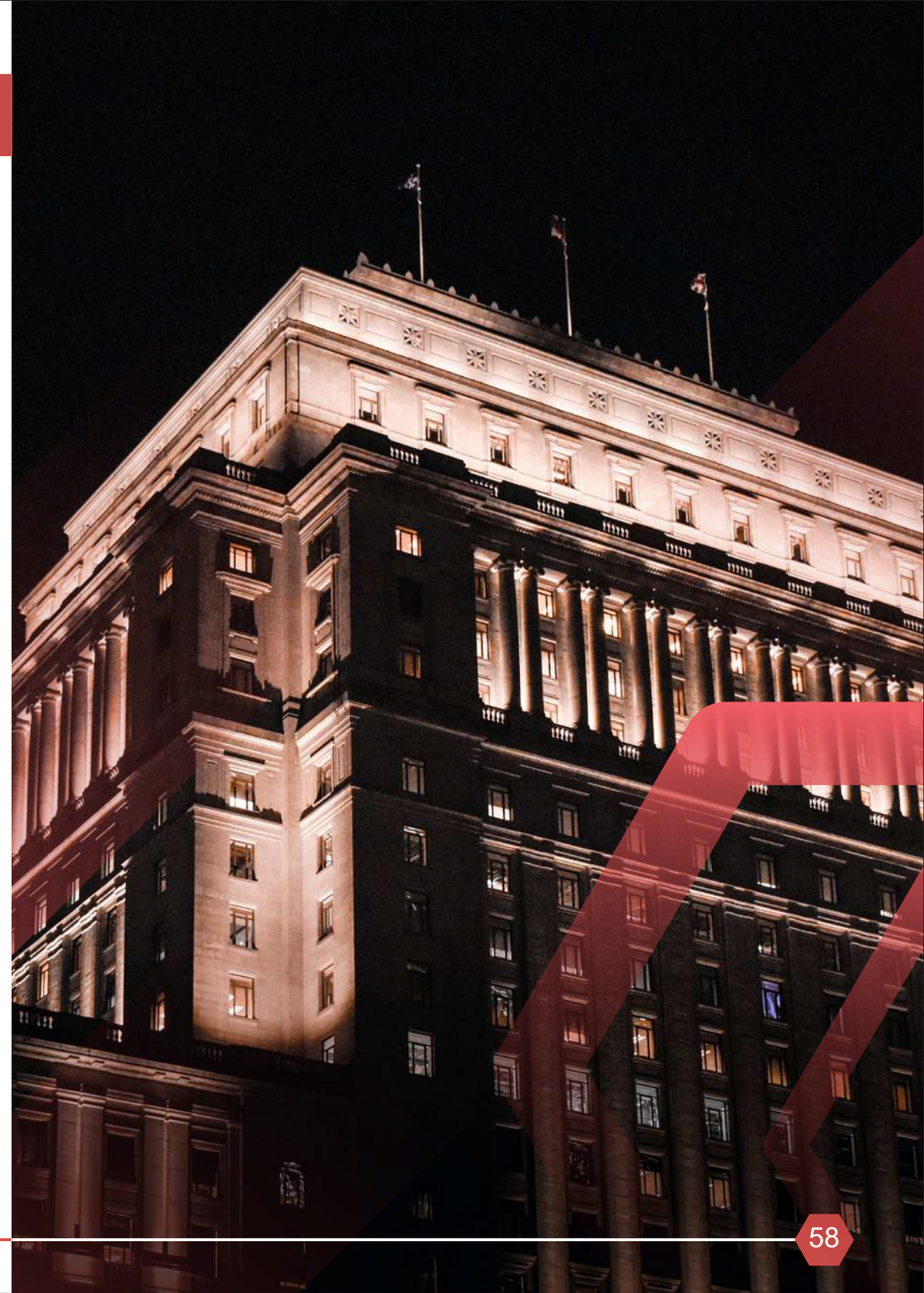
الحدائق والطرق والميادين والفنادق ومواقف السيارات واغراض الانارة الخارجية .

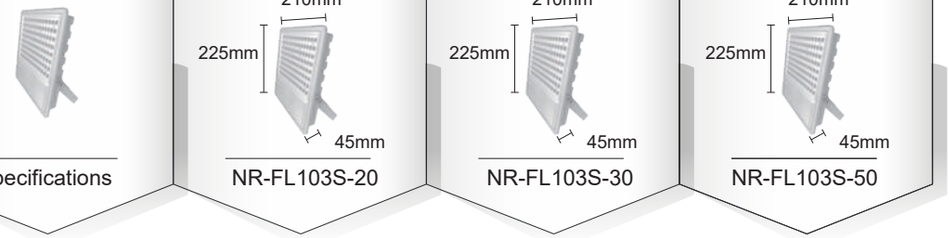
Product features:

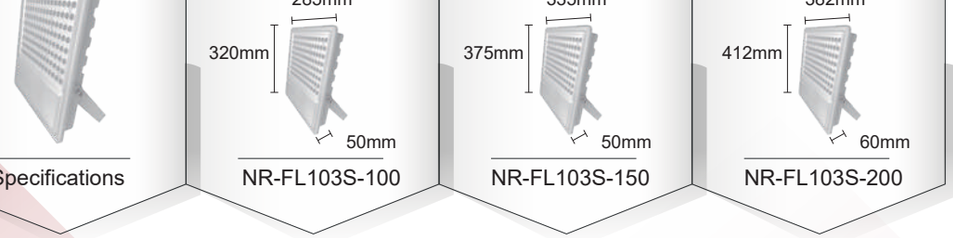
Sturdy construction made of high quality substrates with unique design.
Durable, water and dust resistant.
Built-in LED transformer which helps the light to be steady and stable.
It works effectively within the range of 110 to 220 volts.

Application:

Parks, roads, squares, hotels, parking lots and outdoor lighting purposes.

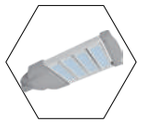


Specifications	NR-FL103S-20	NR-FL103S-30	NR-FL103S-50
			
W Wattage	20W	30W	50W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	2166lm	3201lm	5360lm
CCT	2700-7000K	2700-7000K	2700-7000K
Beam Angle	60°	60°	60°
IP	IP65	IP65	IP65
	50,000 hours	50,000 hours	50,000 hours
DF	≥0.7	≥0.9	≥0.9
Frame Color	White	White	White
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO
Material	Alum+PC	Alum+PC	Alum+PC

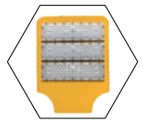
Specifications	NR-FL103S-100	NR-FL103S-150	NR-FL103S-200
			
W Wattage	100W	150W	200W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	10600lm	17000lm	20600lm
CCT	2700-7000K	2700-7000K	2700-7000K
Beam Angle	60°	60°	60°
IP	IP65	IP65	IP65
	50,000 hours	50,000 hours	50,000 hours
DF	≥0.9	≥0.9	≥0.9
Frame Color	White	White	White
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO
Material	Alum+PC	Alum+PC	Alum+PC

LED Street Lamp

مجموعة إنارة **(LED)** عالية الطاقة لإضاءة الطرق و الشوارع



NR-SLT101



NR-SL102

-مميزاتالمنتج :

-جسم خفيف مصنوع من سبائك ألومنيوم ذات نوعية جيدة مع طلاء معالج على السطح.

-تصميم رائع وفريد من نوعه , تبديد حرارة ممتاز.

-مغلق بالزجاج المقوى والحلقة المطاطية وهلام السيليكا والسيليكون للتأكدمن مقاومة الماء.

-استهلاك منخفض مستورد وعالي الكفاءة LED يحتوي على تدفق عالي ومضيء.

-عدسة PMMA , 15 درجة , 30 درجة , 45 درجة , 60 درجة و 120 درجة لاختيارك.

-يضمن برنامج تشغيل LEDالمدمج مع IC ثبات الضوء , ويمكن أن يعمل بكفاءةتحت AC100إلى

-AC240V النظر في البلدان والمناطق المختلفة وفي حالة الجهضير المستقر.

-اماكن الاستخدام :

-الحدائق والساحات وطرق الحدائق وشوارع المشاة التجارية ومواقف السيارات والطرق الحضرية وغيرها من

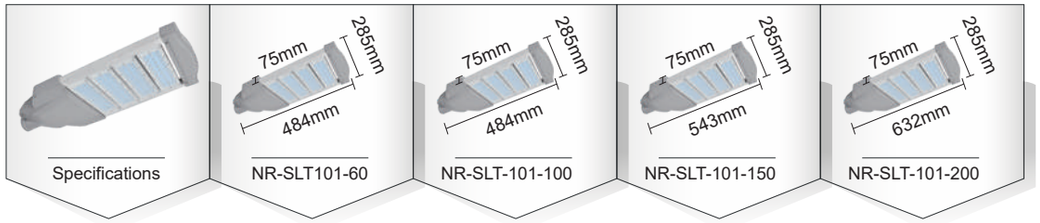
-المناسبات التي تحتاجهإضاءة الشوارع .

Product features:

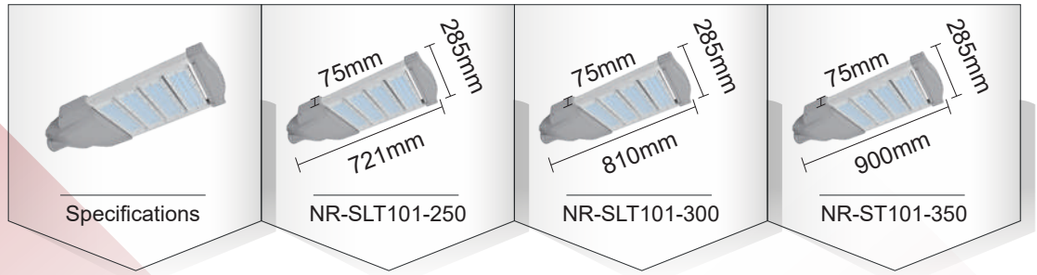
Body is made of good quality aluminum alloy with painting or anodic oxidation treatment on surface.
exquisite and unique designed, excellent heat dissipation.
Lamp is sealed by reinforced glass, rubber ring, silica gel and silicone to make sure water proof.
Imported low consumption & high efficiency LED has high Ra and luminous flux.
PMMA lens,15°,30°,45°,60°and 120°for your choice.
Built-in LED driver with IC ensure stability of the light, it could work eiifciently under AC100 to AC240V considering different countries, regions and in case unstable voltage.

Application:

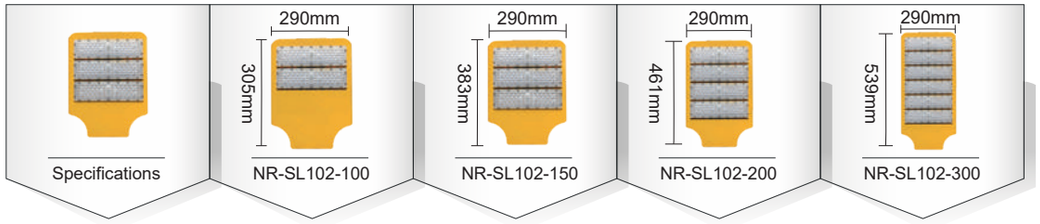
Parks, squares, garden roads, commercial pedestrian streets, parking, urban roads and other occasions need traffic illumination.



W Wattage	60W	100W	150W	200W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	6600lm	11000lm	16500lm	22000lm
CCT	3000-6500K	3000-6500K	3000-6500K	3000-6500K
Beam Angle	60°/120°	60°/120°	60°/120°	60°/120°
IP	IP65	IP65	IP65	IP65
	50,000 hours	50,000 hours	50,000 hours	50,000 hours
DF	≥0.9	≥0.9	≥0.9	≥0.9
Frame Color	Gray/Black	Gray/Black	Gray/Black	Gray/Black
Ra	≥80	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux	bridgelux
Driver	NOORCO MW	NOORCO MW	NOORCO MW	NOORCO MW
Material	Alum	Alum	Alum	Alum



W Wattage	250W	300W	350W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	27500lm	33000lm	38500m
CCT	3000K-6500K	3000K-6500K	3000K-6500K
Beam Angle	60°/120°	60°/120°	60°/120°
IP	IP65	IP65	IP65
	50,000 hours	50,000 hours	50,000 hours
DF	≥0.9	≥0.9	≥0.9
Frame Color	Gray/Black	Gray/Black	Gray/Black
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux
Driver	NOORCO MW	NOORCO MW	NOORCO MW
Material	Alum	Alum	Alum



W Wattage	100W	150W	200W	300W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	12000lm	18000lm	24000lm	36000lm
CCT	3000-6500K	3000-6500K	3000-6500K	3000-6500K
Beam Angle	60°/120°	60°/120°	60°/120°	60°/120°
IP	IP65	IP65	IP65	IP65
	50,000 hours	50,000 hours	50,000 hours	50,000 hours
DF	≥0.9	≥0.9	≥0.9	≥0.9
Frame Color	Yellow	Yellow	Yellow	Yellow
Ra	≥80	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux	bridgelux
Driver	NOORCO MW	NOORCO MW	NOORCO MW	NOORCO MW
Material	Alum+PC	Alum+PC	Alum+PC	Alum+PC

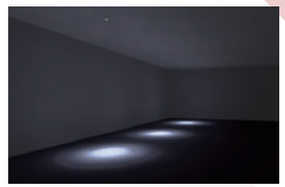
Description:
LED Street Lamp

Main material
- Die-cast aluminum Engineering plastic + PC

Specification
- Energy saving, up to 85% energy saving comparing to standard halogen and incad-escent lamps
- High quality light, high color rending less heat, not UV or IR radiation
- supplied with LED driver

Applications
- Street
- Park
- The stadium

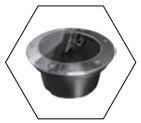
bridgelux



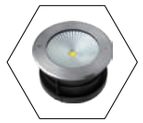
Product Color:
Silver:
Yellow:

LED Buried Lamp

-مجموعة الانارات الأرضية .



NR-UL101



NR-PB102COB

-مميزات المنتج :

-هيكل اللمبات مصنوع من ركائز الألومنيوم وغطاء محكم وتقنية تبديد حرارى ممتاز .

-الغطاء مزود بطبقة مطاطية مغلقة باحكام للتاكد من مقاومة المصباح للامطار والغبار .

-الاستهلاك المنخفض للطاقة والفعالية العالية وتدفق ممتاز للانارة .

-إمكانية تغيير اللمبات المستخدمة في الانارة مما يتيح تغير لون الإضاءة وعملا افتراضي أطول

-أماكن الاستخدام :

-يمكن استخدام هذا المنتج في المنازل والفنادق والمباني التجارية .

Product features:

The lamp body is made of aluminum substrates, sealed cover and excellent heat dissipation technology.

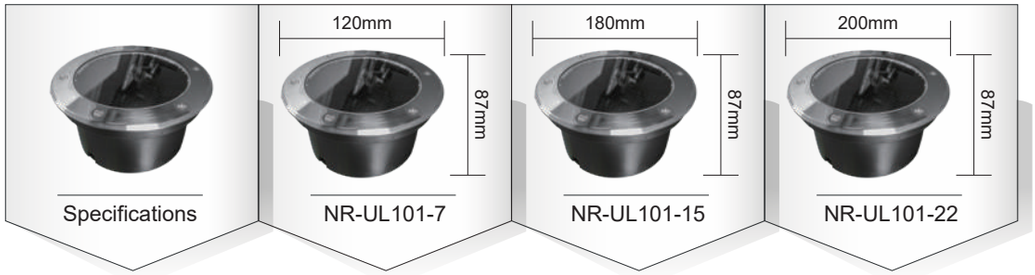
The cover is provided with a closed rubber layer to make sure the lamp is resistant to rain and dust.

Low energy consumption and high efficiency and excellent luminous flux.

The possibility of changing the lamps used in lighting, which allows changing the color of lighting.

Application:

Homes, commercial and administrative buildings and hotels.



W Wattage	7W	15W	22W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	385lm	900lm	1430m
CCT	2700-7000K	2700-7000K	2700-7000K
Beam Angle	24°/36°	24°/36°	24°/36°
IP	IP65	IP65	IP65
	50,000 hours	50,000 hours	50,000 hours
DF	≥0.7	≥0.7	≥0.7
Frame Color	Silver	Silver	Silver
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO
Material	Stainless 304+PA66	Stainless 304+PA66	Stainless 304+PA66

Description:
LED Buried Lamp

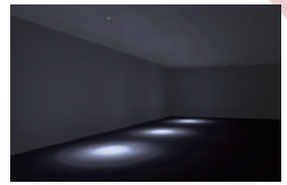
Main material
- Stainless 304 Engineering plastic + PA66

Specification
- Energy saving, up to 85% energy saving comparing to standard halogen and incad-escent lamps
- High quality light, high color rending less heat, not UV or IR radiation
- Supplied with LED driver

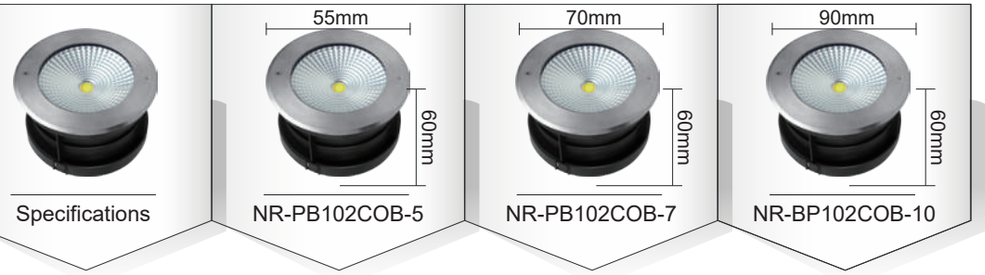
Applications
- Square
- Park
- Greenbelt

bridgelux

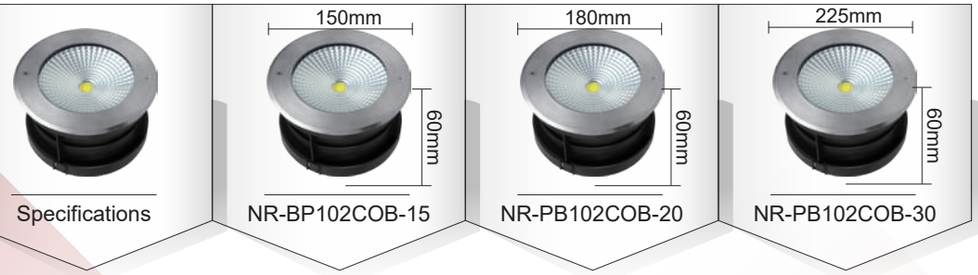
CE SASO ISO 9001 indoor IP 65



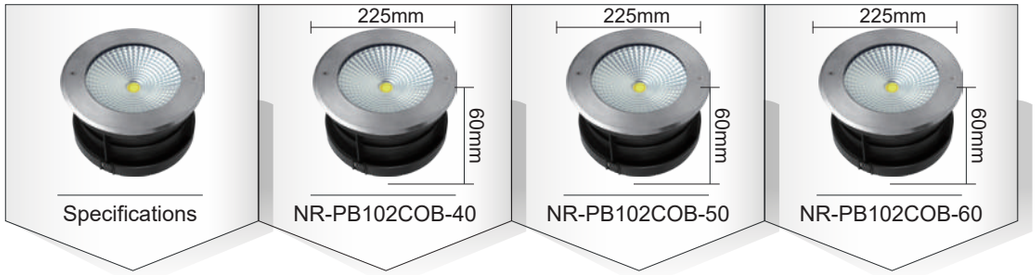
Product Color:
Silver:



Specifications	NR-PB102COB-5	NR-PB102COB-7	NR-BP102COB-10
W Wattage	5W	7W	10W
V·Hz	DC24V	DC24V	DC24V
lm	400lm	560lm	800lm
CCT	2700-7000K	2700-7000K	2700-7000K
Beam Angle	16°/120°	16°/120°	16°/120°
IP	IP66	IP66	IP66
	30,000 hours	30,000 hours	30,000 hours
DF	≥0.4	≥0.7	≥0.7
Frame Color	Silver	Silver	Silver
Ra	≥80	≥80	≥80
COB SMD	COB	COB	COB
Chips	EPISTAR	EPISTAR	EPISTAR
Driver	NOORCO	NOORCO	NOORCO
Material	Stainless 304+PA66	Stainless 304+PA66	Stainless 304+PA66



Specifications	NR-BP102COB-15	NR-PB102COB-20	NR-PB102COB-30
W Wattage	15W	20W	30W
V·Hz	DC24V	DC24V	AC100-240V 50/60Hz
lm	1200lm	1600lm	2400lm
CCT	2700-7000K	2700-7000K	2700-7000K
Beam Angle	16°/120°	16°/120°	16°/120°
IP	IP66	IP66	IP66
	30,000 hours	30,000 hours	30,000 hours
DF	≥0.7	≥0.7	≥0.9
Frame Color	Silver	Silver	Silver
Ra	≥80	≥80	≥80
COB SMD	COB	COB	COB
Chips	EPISTAR	EPISTAR	EPISTAR
Driver	NOORCO	NOORCO	NOORCO
Material	Stainless 304+PA66	Stainless 304+PA66	Stainless 304+PA66



W Wattage	40W	50W	60W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	3200lm	4000lm	4800m
CCT	2700-7000K	2700-7000K	2700-7000K
Beam Angle	16°/120°	16°/120°	16°/120°
IP	IP66	IP66	IP66
	30,000 hours	30,000 hours	30,000 hours
DF	≥0.9	≥0.9	≥0.9
Frame Color	Silver	Silver	Silver
Ra	≥80	≥80	≥80
COB SMD	COB	COB	COB
Chips	EPISTAR	EPISTAR	EPISTAR
Driver	NOORCO	NOORCO	NOORCO
Material	Stainless 304+PA66	Stainless 304+PA66	Stainless 304+PA66

Description:
LED Buried Lamp

Main material
- Stainless 304 Engineering plastic + PA66

Specification
- Energy saving, up to 85% energy saving comparing to standard halogen and incad-escent lamps
- High quality light, high color rending less heat, not UV or IR radiation
- supplied with LED driver

Applications
- Square
- Park
- Greenbelt

EPISTAR

Product Color:
Silver: ☐

LED Linear Lamp

مجموعة الانارة الخطية

NR-AL101

NR-AL101

-مميزات المنتج :

-تصميم فريد ورائع وهيكل قوي مصنوع من ركائز الالومنيوم .

-ياتي باللونين الابيض والاسود ليناسب كافة الاماكن .

-يحتوي علي خاصية مانع التوهج مما يجعله مريح للعين وغير مزعج .

-ياتي بتدرج في درجات اللون من 3000كلفن حتى 6500كلفن .

-زوايا انتشار متنوعة ليتماشى مع كافة الاستخدامات .

-أماكن الاستخدام:

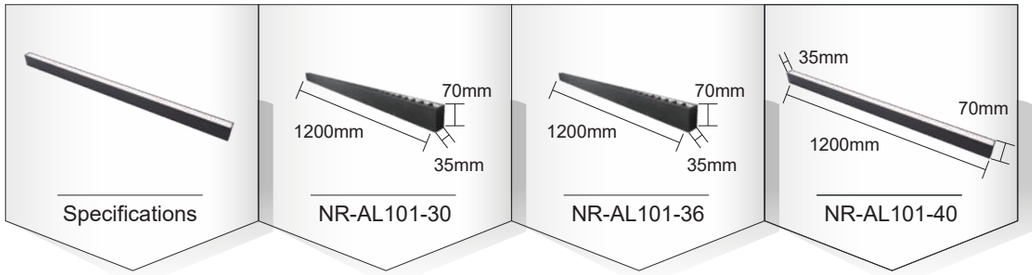
يصلح للاستخدام في أماكن العمل كالمكاتب والمدارس كما يصلح للاستخدام في المطاعم - والمبانى التجارية والمنازل .

Product features:

Unique and exquisite design with high quality and sturdy aluminum structure.
It comes in black and white to suit all places.
It has an anti-glare feature that makes it comfortable on the eyes and non-irritating.
It comes in a range of colors from 3000K to 6500K, which makes it suitable for all uses.
It comes with different angles to suit all uses.

Application:

Suitable for use in workplaces such as offices and schools, as well as in restaurants, commercial buildings and homes.



W Wattage	30W	36W	40W
V·Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	2700lm	3841lm	4510lm
CCT	2700-7000K	2700-7000K	2700-7000K
Beam Angle	36°	120°	120°
IP	IP20	IP20	IP20
	30,000 hours	50,000 hours	50,000 hours
DF	≥0.9	≥0.9	≥0.9
Frame Color	Black/White	Black/White	Black/White
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO
Material	Alum	Alum	Alum

Description:
LED Anti-glare Line Lamp

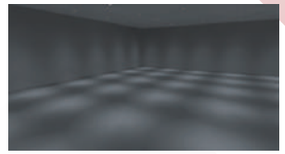
Main material
- Die-cast aluminum+Glass cove+Engineering plastic High quality aluminum spherical reflector for soft and comfortable light.

Specification
- Energy saving, up to 85% energy saving comparing to standard halogen and incandescent lamps long life,up to 50,000 hours.
- High quality light,high color rending,less heat,not UV or IR radiation
- Build-in LED driver

Applications
- Shopping mall
- Office buildings
- Exhibition hall

bridgelux

CE SASO ISO 9001 indoor IP 20



Product Color:
White: □
Black: ■

LED Magnetic Track System

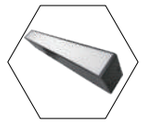
انارة المسار المغناطيسى

NR-PN-10

NR-TL105

NR-35-DL105

NR-20-DL105


NR-20-PL105

NR-20-ZD105

-مميزات المنتج :

-تصميم عصرى باشكال بسيطة مناسب لأغراض الديكورات الداخلية.

-سهولة فك وتركيب القطع المستخدمة في الانارة .

-تنوع واختلاف زوايا الإضاءة ليناسب جميع أغراض الانارة .

-اختلاف درجات الوان الإضاءة .

-تنوع مقاسات القطع المستخدمة ليناسب كافة الأماكن .

-أماكن الاستخدام :

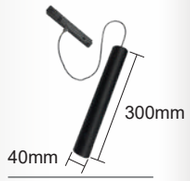
يصلح للاستخدام في أماكن العمل كالمكاتب والمدارس كما يصلح للاستخدام في المطاعم - والمبانى التجارية والمنازل .

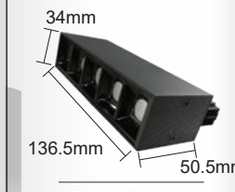
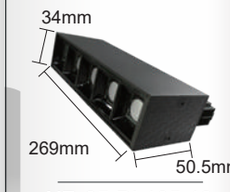
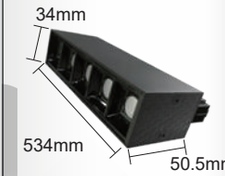
Product features:

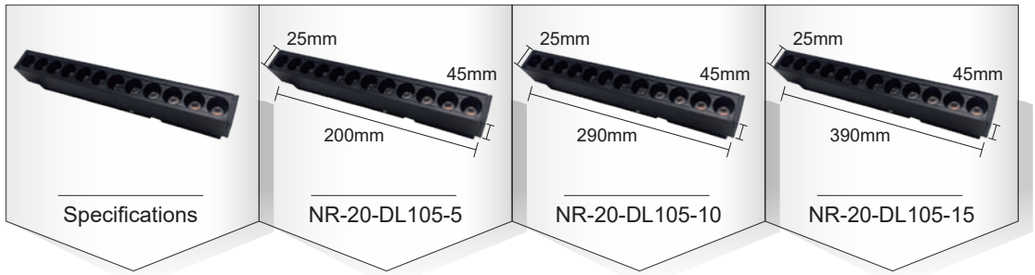
Modern design with simple shapes suitable for interior decoration purposes.
Easy to disassemble and install the pieces used in lighting.
Variety of lighting angles to suit all lighting purposes.
Various sizes of the pieces used to suit all places.

Application:

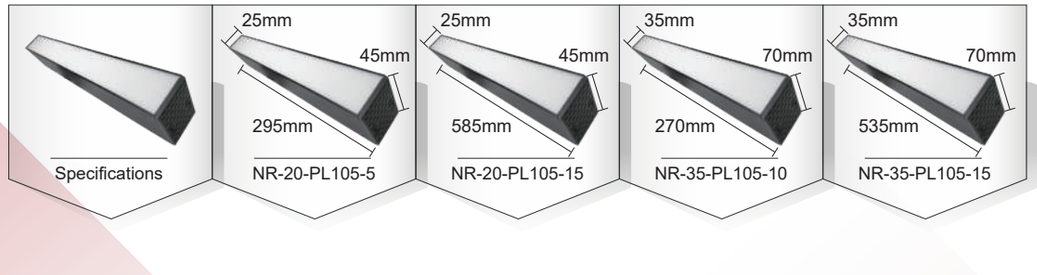
Suitable for use in workplaces such as offices and schools,as well as in restaurants,commerical buildings and homes.

Specifications	NR-PN-10-30	NR-TL105-10	NR-TL105-15
			
W Wattage	10W	10W	15W
V·Hz	48V	48V	48V
lm	750lm	750lm	1200lm
CCT	2700-7000K	2700-7000K	2700-7000K
Beam Angle	15°/36°	15°/36°	36°
IP	IP20	IP20	IP20
	50,000 hours	50,000 hours	50,000 hours
DF	≥0.7	≥0.7	≥0.7
Frame Color	Black	Black	Black
Ra	≥80	≥80	≥80
COB SMD	COB	COB	COB
Chips	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO
Material	Alum+PC	Alum+PC	Alum+PC

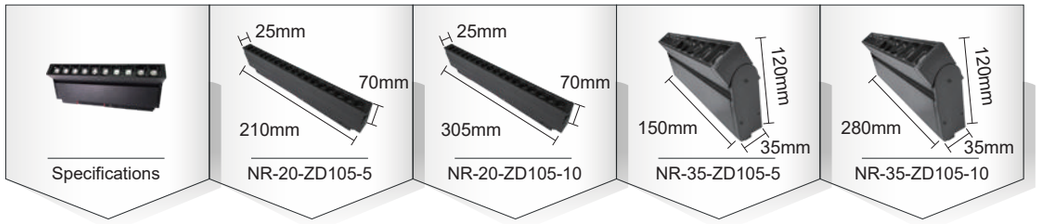
Specifications	NR-35-DL105-5	NR-35-DL105-10	NR-35-DL105-15
			
W Wattage	5W	10W	15W
V·Hz	48V	48V	48V
lm	375lm	750lm	1200lm
CCT	2700-7000K	2700-7000K	2700-7000K
Beam Angle	36°	36°	36°
IP	IP20	IP20	IP20
	50,000 hours	50,000 hours	50,000 hours
DF	≥0.4	≥0.7	≥0.7
Frame Color	Black	Black	Black
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO
Material	Alum+PC	Alum+PC	Alum+PC



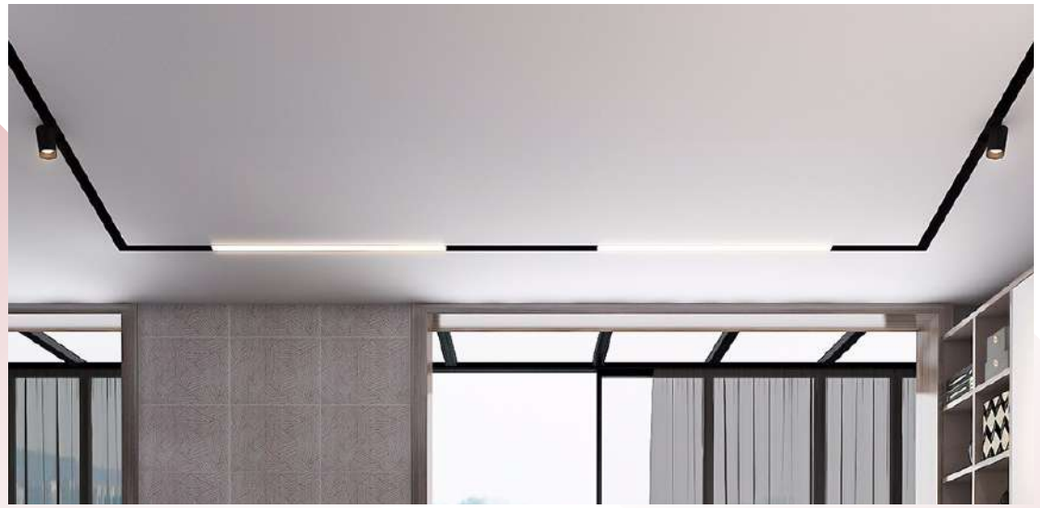
W Wattage	5W	10W	15W
V·Hz	48V	48V	48V
lm	375lm	750lm	1200m
CCT	3000K-6500K	3000K-6500K	3000K-6500K
Beam Angle	24°	24°	24°
IP	IP20	IP20	IP20
	50,000 hours	50,000 hours	50,000 hours
DF	≥0.4	≥0.7	≥0.7
Frame Color	Black	Black	Black
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO
Material	Alum+PC	Alum+PC	Alum+PC



W Wattage	5W	15W	10W	15W
V·Hz	48V	48V	48V	48V
lm	375lm	1200lm	750lm	1200lm
CCT	3000-6500K	3000-6500K	3000-6500K	3000-6500K
Beam Angle	120°	120°	120°	120°
IP	IP20	IP20	IP20	IP20
	50,000 hours	50,000 hours	50,000 hours	50,000 hours
DF	≥0.4	≥0.7	≥0.7	≥0.7
Frame Color	Black	Black	Black	Black
Ra	≥80	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO	NOORCO
Material	Alum+PC	Alum+PC	Alum+PC	Alum+PC



W Wattage	5W	10W	5W	10W
V·Hz	48V	48V	48V	48V
lm	375lm	750lm	375lm	750lm
CCT	2700-7000K	2700-7000K	2700-7000K	2700-7000K
Beam Angle	36°	36°	36°	36°
IP	IP20	IP20	IP20	IP20
	50,000 hours	50,000 hours	50,000 hours	50,000 hours
DF	≥0.4	≥0.7	≥0.4	≥0.5
Frame Color	Black	Black	Black	Black
Ra	≥80	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO	NOORCO
Material	Alum+PC	Alum+PC	Alum+PC	Alum+PC



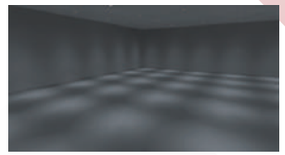
Description:
LED Magnetic Track System

Main material
- High quality engineering plastic

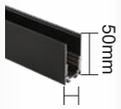
Specification
- Energy saving, up to 85% energy saving comparing to standard halogen and incandescent lamps long life,up to 50,000 hours.
- High quality light,high color rending,less heat,not UV or IR radiation
- Build-in LED driver

Applications
- Shopping mall
- Office buildings

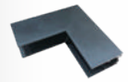
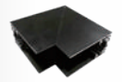
bridgelux



Product Color:
Black:

Accessories				
Specifications	NR-S20	NR-S35	NR-FRAME-20	NR-FRAME-35
IP	20	20	20	20
Installtion	Ceiling	Ceiling	Recessed	Recessed
Frame Color	Black	Black	Black	Black
Length	1500mm	1500mm	1500mm	1500mm
Material	Alum	Alum	Alum	Alum

Accessories				
Specifications	NR-S20-L	NR-S35-L	NR-FRAME-20-L	NR-FRAME-35-L
IP	20	20	20	20
Installtion	Ceiling	Ceiling	Recessed	Recessed
Frame Color	Black	Black	Black	Black
Function	Around to corner	Around to corner	Around to corner	Around to corner
Material	Alum	Alum	Alum	Alum

Accessories				
Specifications	NR-S20-L-Wall	NR-S35-L-Wall	NR-S20-Cap	NR-S35-Cap
IP	20	20	20	20
Installtion	Wall	Wall	Buckle	Buckle
Frame Color	Black	Black	Black	Black
Function	Wall to Ceiling	Wall to Ceiling	Protect both sides of track	Protect both sides of track
Material	Alum	Alum	PC	PC

Accessories				
Specifications	NR-S20-PS-48V-100W	NR-S20-PS-48V-200W	NR-S35-PS-48V-100W	NR-S35-PS-48V-100W
W Wattage	100W	200W	100W	200W
Input Voltage	DC48V	DC48V	DC48V	DC48V
Frame Color	Black	Black	Black	Black
Function	The power supply to the lamp	The power supply to the lamp	The power supply to the lamp	The power supply to the lamp
Material	Alum	Alum	Alum	Alum

Accessories				
Specifications	Wire-1M	Wire-2M	NR-F20-ACS	NR-F35-ACS
IP	20	20	20	20
Installtion	Ceiling	Ceiling	Screw Fixed	Screw Fixed
Frame Color	Silver	Silver	Silver	Silver
Function	Suspension the tracks	Suspension the tracks	Protect both sides of track	Protect both sides of track
Material	Alum	Alum	Alum	Alum

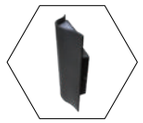
Accessories			
Specifications	PXG-1201H	PXG-301	PXG-3535-A
IP	20	20	20
Input Voltage	DC48V	DC48V	DC48V
Frame Color	Black	Black	Black
Function	Power supply connecting parts between tracks	Power supply connecting parts between tracks	Power supply connecting parts between tracks
Material	Alum+PC	Alum+PC	Alum+PC

Aluminum Profile
NOORCO نورکو

LED Wall Lamp

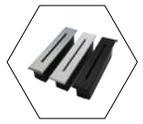
مجموعة الانارة الجدارية

NR-H8002


NR-H8003

NR-W2814

NR-W2815/1


NR-H27071

NR-H27069

-مميزات المنتج:

تنوع الاشكال والتصاميم مما يجعله مناسب لكل الأماكن .-

.جودة عالية ومقاومة للغبار والمياه يجعله يتحمل العوامل الخارجية-

.بعض منها ياتى مع إمكانية استبدال اللمبات الداخلية مما يعطيها عمر افتراضى أطول-

.تنوع الألوان ليناسب كافة المباني والاستخدامات-

-أماكن الاستخدام:

-يصلح المنتج لأغراض الانارة الخارجية على اسوار المنازل الخارجية وواجهات الفنادق والمبانى واغراض الديكورات الخارجية.

Product features:

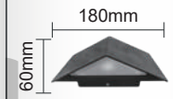
A variety of shapes and designs, which makes it suitable for all places.
High quality,dust and water resistant,quality,makes it withstand external factors.
Some of them come with the possibility of replacing the indoor bulbs,which gives them a longer life span.
A variety of colors to suit all buildings and uses.

Application:

The product is suitable for external lightign purposes on exterior walls of houses,facades of hotels and buildings,and external decoration purposes

H8000

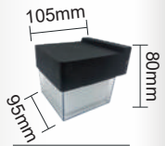
Specifications



NR-H8002

NR-H8003

NR-W2814/1

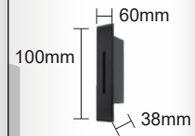


NR-W2815/1

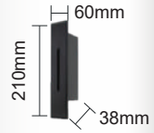
W Wattage	10W	10W	7W	7W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	600lm	600lm	540lm	540lm
CCT	2700-7000K	2700-7000K	2700-7000K	2700-7000K
Beam Angle	60°	60°	120°	120°
IP	IP65	IP65	IP65	IP65
	30,000 hours	30,000 hours	30,000 hours	30,000 hours
DF	≥0.7	≥0.7	≥0.7	≥0.7
Frame Color	Black	Black	Black	Black
Ra	≥80	≥80	≥80	≥80
COB SMD	COB	COB	COB	COB
Chips	bridgelux	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO	NOORCO
Material	Alum	Alum	Alum	Alum

H2700

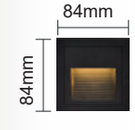
Specifications



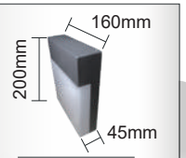
NR-H27071



NR-H27072



NR-H27069

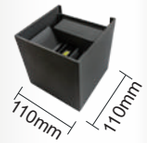


NR-W2007

W Wattage	3W	7W	3W	10W
V·Hz	A100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	180lm	420lm	180lm	850lm
CCT	2700-7000K	2700-7000K	2700-7000K	2700-7000K
Beam Angle	120°	120°	36°	120°
IP	IP65	IP65	IP65	IP65
	30,000 hours	30,000 hours	30,000 hours	30,000 hours
DF	≥0.4	≥0.7	≥0.4	≥0.7
Frame Color	Black	Black	Black	Black
Ra	≥80	≥80	≥80	≥80
COB SMD	COB	COB	COB	SMD
Chips	bridgelux	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO	NOORCO
Material	Alum	Alum	Alum	Alum

WL027

Specifications



NR-WL027

NR-WL032

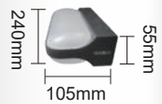
NR-H8001

NR-4011-3

W Wattage	6W	6W	10W	3W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	360lm	360lm	600lm	180lm
CCT	2700-7000K	2700-7000K	2700-7000K	2700-7000K
Beam Angle	36°	36°	36°	36°
IP	IP65	IP65	IP65	IP65
	30,000 hours	30,000 hours	30,000 hours	50,000 hours
DF	≥0.4	≥0.4	≥0.7	≥0.4
Frame Color	Black/Gray	Black/Gray	Black	Black
Ra	≥80	≥80	≥80	≥80
COB SMD	COB	COB	COB	COB
Chips	bridgelux	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO	NOORCO
Material	Alum	Alum	Alum	Alum

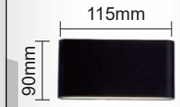
Z011

Specifications

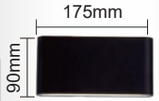


NR-Z011

NR-H8015



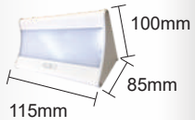
NR-W27005S



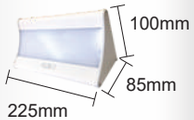
NR-W27005L

W Wattage	10W	12W	2*3W	2*4W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	850lm	720lm	360lm	480lm
CCT	2700-7000K	2700-7000K	2700-7000K	2700-7000K
Beam Angle	120°	36°	120°	120°
IP	IP65	IP65	IP65	IP65
	30,000 hours	30,000 hours	30,000 hours	50,000 hours
DF	≥0.7	≥0.7	≥0.4	≥0.7
Frame Color	Black	Black	Black	Black
Ra	≥80	≥80	≥80	≥80
COB SMD	SMD	SMD	COB	COB
Chips	bridgelux	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO	NOORCO
Material	Alum	Alum	Alum	Alum

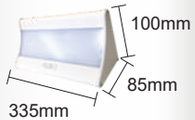
Specifications



NR-WLS101-400



NR-WLS101-600



NR-WLS101-1000

W Wattage	3W	5W	9W
Solar panels	5V 1.3W	5V 2.8W	5V 4W
lm	400lm	600lm	1000lm
CCT	2700-7000K	2700-7000K	2700-7000K
Beam Angle	120°	120°	120°
IP	IP65	IP65	IP65
	30,000 hours	30,000 hours	30,000 hours
DF	≥0.4	≥0.4	≥0.7
Frame Color	Black/White	Black/White	Black/White
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO
Material	Alum	Alum	Alum

Description:
LED Solar Outdoor Lamp

Main material
• Die-cast aluminum+Engineering plastic
High quality aluminum spherical reflector for soft and comfortable light.

Specification
• Energy saving, up to 85% energy saving comparing to standard halogen and incan-descent lamps long life,up to 50,000 hours.
• High quality light,high color rending,less heat,not UV or IR radiation
• Build-in LED driver

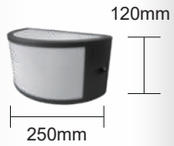
Applications
• Park
• Square

bridgelux

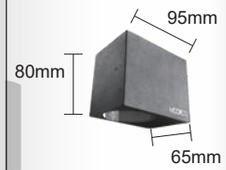
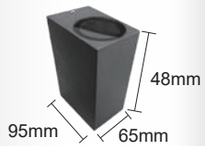
CE SASO ISO 9001 indoor IP 65

Product Color:
White: ☐
Black: ■

H8000

Specifications	NR-H8019	NR-H8007	NR-H8009
			
IP	65	65	65
Installtion	Wall	Wall	Wall
Frame Color	Black	Black	Black
Socket	E27	E27	GU10
Material	Alum	Alum	Alum

H8000

Specifications	NR-Z007	NR-Z004	NR-H8005
			
IP	65	65	65
Installtion	Wall	Wall	Lawn
Frame Color	Gray/Black/White	Gray/Black/White	Black
Socket	GU10	GU10*2	GU10
Material	Alum	Alum	Alum

4011

Specifications	NR-4011-C	NR-4011-S	NR-Z015
IP	65	65	65
Installtion	Lawn	Lawn	Wall
Frame Color	Silver	Silver	Black/White/Gray
Socket	GU10	GU10	GU10
Material	Alum+PC	Alum+PC	Alum

LED Lawn Lamp

مجموعة انارة الحدائق

NR-F27089

NR-Z2009

NR-Z2010

NR-H8016

NR-1446

-مميزات المنتج :

-يتميز المنتج بتنوع في الاشكال والمقاسات ليناسب جميع الأماكن .

-يتميز المنتج بالصلابة وقوة التحمل ومقاومة الماء والغبار .

-أماكن الاستخدام:

-المنتج مناسب للاستخدام في الحدائق والمنتزهات واغراض الانارة الخارجية .

Product features:

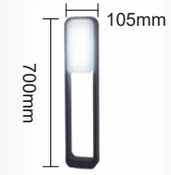
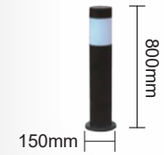
The product is characterized by a variety of shapes and sizes to suit all places.

The product is characterized by ruggedness, durability, and water and dust resistance.

Application:

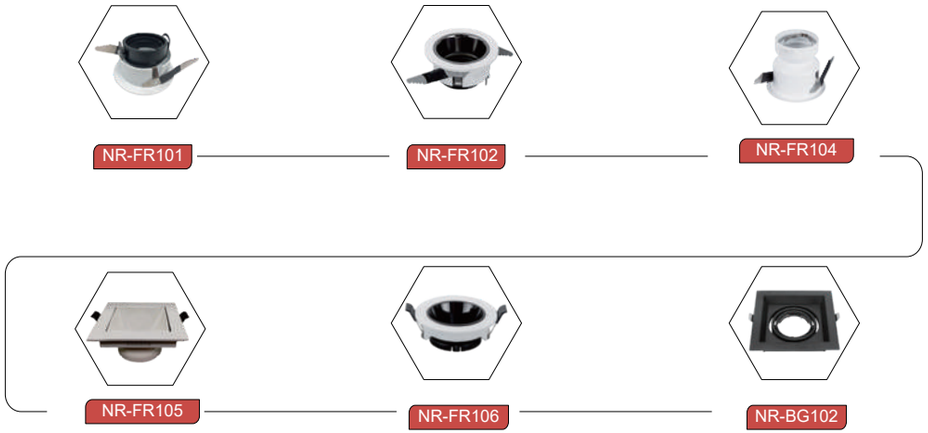
The product is suitable for use in gardens, parks and outdoor lighting purposes.

Specifications	NR-F27089-22	NR-F27089-80	NR-Z2009
W Wattage	10W	10W	10W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	600lm	600lm	600lm
CCT	2700-7000K	2700-7000K	2700-7000K
Beam Angle	120°	120°	36°
IP	IP65	IP65	IP65
	30,000 hours	30,000 hours	30,000 hours
DF	≥0.7	≥0.7	≥0.7
Frame Color	Black	Black	Black
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	COB
Chips	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO
Material	Alum	Alum	Alum

Specifications	NR-Z2010	NR-H8016	NR-1446
			
W Wattage	10W	10W	7W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	600lm	600lm	420lm
CCT	2700-7000K	2700-7000K	2700-7000K
Beam Angle	120°	36°	36°
IP	IP65	IP65	IP65
	30,000 hours	30,000 hours	30,000 hours
DF	≥0.7	≥0.7	≥0.7
Frame Color	Black	Black	Black
Ra	≥80	≥80	≥80
COB SMD	SMD	COB	SMD
Chips	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO
Material	Alum	Alum	Alum

Lamp Frame

مجموعة الفريمات



-مميزات المنتج :

-يتميز المنتج بتنوع المقاسات المتوفرة وتنوع اشكالها.

-سهولة التحكم بالاضاءة والقدرة على تغييرها دون الحاجة لتغيير الفريم .

-المرونة وسهولة توجيه الإضاءة على أماكن معينة.

-إمكانية استخدام العواكس المانعة او المخففة للتوهج مما يجعل الإضاءة مريحة وغير مزعجة .

-أماكن الاستخدام :-ياتى المنتج بعد مقاسات واشاكال مما يجعله مناسب في العديد من الأماكن كالمنازل والمباني التجارية والإدارية والفنادق والمطاعم واغراض الانارات الداخلية الأخرى.

Product features:

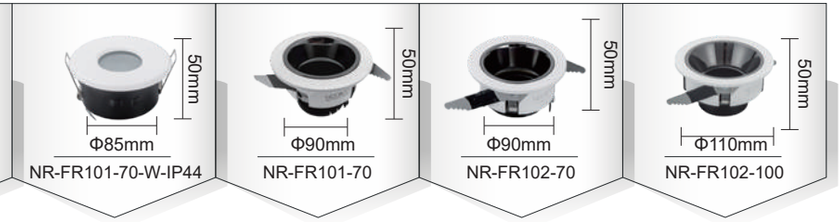
The product is characterized by the diversity of the available sizes and the variety of its shapes.
Easy to controls the lighting and the ability to change it without the need to change the frame.
Flexibility and ease of directing lighting to specific places.
The possibility of using reflectors that block or reduce glare,making the lighting comfortable and unobtrusive.

Application:

The product comes after sizes and shapes, which makes it suitable in many places,such as homes, commrcial and administrative buildings,hotes,restaurants,and other indoor lighting.

FR101 FR102

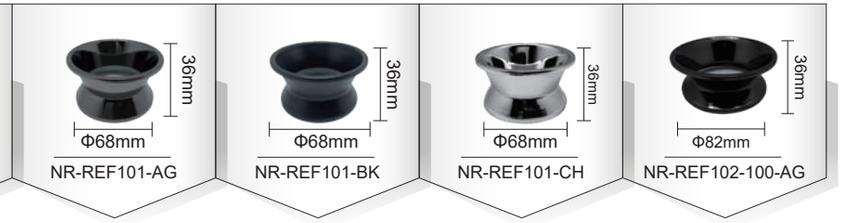
Specifications



IP	44	20	20	20
	70mm	70mm	70mm	100mm
Frame Color	White/Black	White/Black	White/Black	White/Black
Fitting Lamp	MR16	MR16	MR16	MR16
Material	Alum	Alum	Alum	Alum

REF101

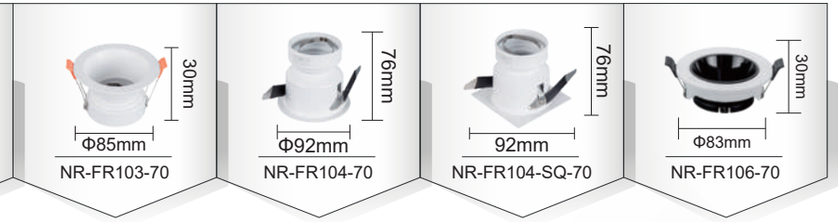
Specifications



IP	20	20	20	20
	None	None	None	None
Frame Color	Gray	Black	Silver	White/Black
Fitting Lamp	MR16	MR16	MR16	MR16
Material	Alum	Alum	Alum	Alum

FR103 FR104

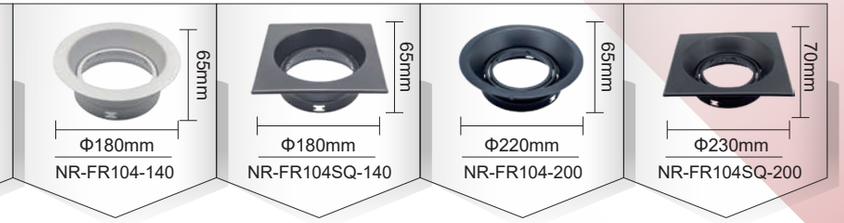
Specifications



IP	20	20	20	20
	70mm	70mm	70mm	70mm
Frame Color	White/Black	White/Black	White/Black	White/Black
Fitting Lamp	MR16	MR16	MR16	MR16
Material	Alum	Alum	Alum	Alum+PC

FR104

Specifications



IP	20	20	20	20
	140mm	140mm	200mm	200mm
Frame Color	White/Black	White/Black	White/Black	White/Black
Fitting Lamp	AR111	AR111	AR111	AR111
Material	Alum	Alum	Alum	Alum

FR105

Specifications	NR-FR105-MR16-1	NR-FR105-MR16-2	NR-FR105-SQ-75	NR-FR105-70
	97mm, 140mm	220mm, 130mm	93mm, 93mm	Φ83mm, 30mm
IP	20	20	20	20
	None	None	75*75mm	70mm
Frame Color	Black/White	Black/White	Black/White	Black/White
Fitting Lamp	MR16	MR16	AR111	MR16
Material	Alum	Alum	Alum	Alum+PC

FR107

Specifications	NR-FR107-70	NR-FR107-100	NR-FR107-140	NR-FR107-140-Anti
	Φ92mm, 30mm	Φ120mm, 55mm	Φ160mm, 30mm	Φ160mm, 70mm
IP	20	20	20	20
	70mm	100mm	140mm	140mm
Frame Color	White/Black	White/Black	White/Black	White/Black
Fitting Lamp	MR16	MR16	AR111	MR16
Material	PC	PC	PC	PC

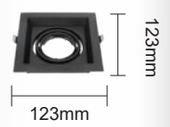
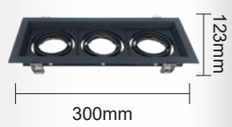
FR112

Specifications	NR-FR112-85-W	NR-FR112-85-SQ-W	NR-FR112-85-BK	NR-FR112-85-SQ-BK
	Φ100mm, 70mm	95mm, 65mm	Φ100mm, 70mm	95mm, 65mm
IP	20	20	20	20
	90mm	90*90mm	90mm	90*90mm
Frame Color	White	White	Black	Black
Fitting Lamp	MR16	MR16	MR16	MR16
Material	Alum	Alum	Alum	Alum

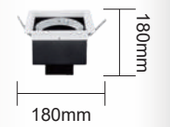
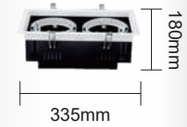
BG102

Specifications	NR-BG102-FRAME-1	NR-BG102-FRAME-2	NR-BG102-FRAME-3
	123mm, 123mm	220mm, 123mm	300mm, 123mm
IP	20	20	20
	100*100mm	100*200mm	100*280mm
Frame Color	Black/White	Black/White	Black/White
Socket	MR16	MR16	MR16
Material	Alum	Alum	Alum

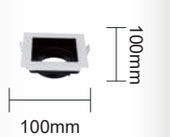
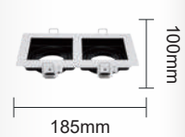
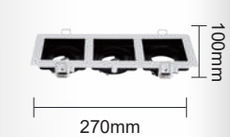
BG102 Anti

Specifications	NR-BG102-FRAME-1-Anti	NR-BG102-FRAME-2-Anti	NR-BG102-FRAME-3-Anti
			
IP	20	20	20
	100*100mm	100*200mm	100*280mm
Frame Color	Black/White	Black/White	Black/White
Fitting Lamp	MR16	MR16	MR16
Material	Alum	Alum	Alum

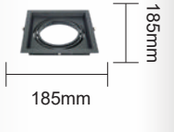
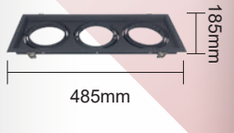
BG104

Specifications	NR-BG104-FRAME-1	NR-BG104-FRAME-2	NR-BG104-FRAME-3
			
IP	20	20	20
	160*160mm	160*310mm	160*460mm
Frame Color	Black/White	Black/White	Black/White
Socket	AR111	AR111	AR111
Material	Alum	Alum	Alum

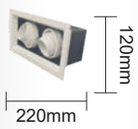
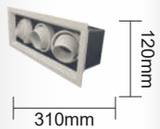
BG105

Specifications	NR-BG105-FRMAE-1	NR-BG105-FRMAE-2	NR-BG105-FRMAE-3
			
IP	20	20	20
	90*90mm	90*168mm	90*255mm
Frame Color	Black/White	Black/White	Black/White
Fitting Lamp	MR16	MR16	MR16
Material	Alum	Alum	Alum

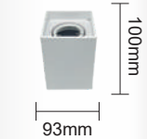
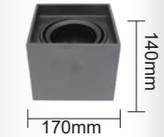
BG106

Specifications	NR-BG106-FRAME-1	NR-BG106-FRAME-2	NR-BG106-FRAME-3
			
IP	20	20	20
	150*150mm	150*300mm	150*450mm
Frame Color	Black/White	Black/White	Black/White
Fitting Lamp	AR111	AR111	AR111
Material	Alum	Alum	Alum

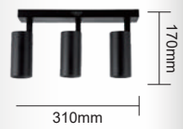
BG107 SURFACE

Specifications	NR-BG107-FRAME-1	NR-BG107-FRAME-2	NR-BG107-FRAME-3	NR-SURFACE-200
				
IP	20	20	20	20
	100*100mm	100*200mm	100*290mm	None
Frame Color	White/Black	White/Black	White/Black	White/Black
Fitting Lamp	MR16	MR16	MR16	AR111
Material	Alum	Alum	Alum	Alum

SURFACE

Specifications	NR-SURFACE-MR16	NR-SURFACE-MR16-SQ	NR-SURFACE-AR111	NR-SURFACE-AR111-SQ
				
IP	20	20	20	20
	None	None	None	None
Frame Color	White/Black	White/Black	White/Black	White/Black
Fitting Lamp	MR16	MR16	AR111	AR111
Material	Alum	Alum	Alum	Alum

SP101

Specifications	NR-SP101-1	NR-SP101-2	NR-SP101-3	NR-TR104-GU10
				
IP	20	20	20	20
	None	None	None	None
Frame Color	White/Black	White/Black	White/Black	White/Black
Fitting Lamp	MR16	MR16	MR16	MR16
Material	Alum	Alum	Alum	Alum

LED Blub Light Energizer

مجموعة لمبات الليد انرجايزر

-مميزات المنتج :

-جودة عالية وضمان اعلى درجة من التدرج اللونى .

-بدون وميض مما يجعله غير مؤذى للاعين .

-تنوع الاحجام والاشكال مما يجعله مناسب لكافة الاستخدامات .

-عمر افتراضي طويل وشدة اضاءة مناسبة واستهلاك منخفض للطاقة .

-أماكن الاستخدام :

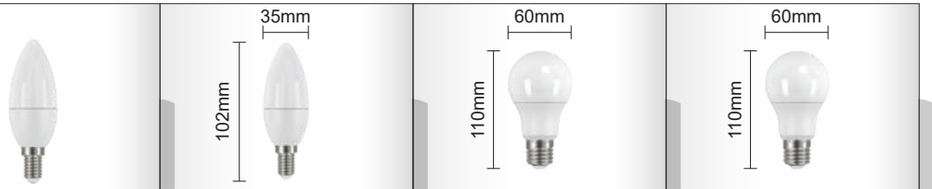
-المنتج مناسب لاستخدام في المنازل والمكاتب الإدارية والمطاعم والمحلات التجارية واغراض الانارة الداخلية.

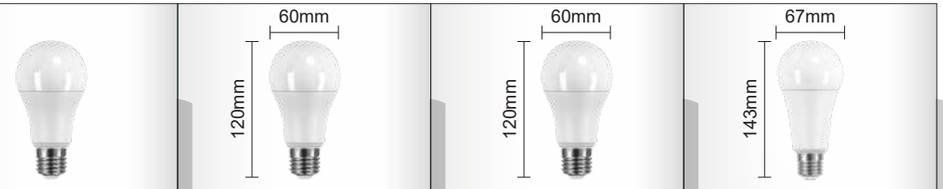
Product features:

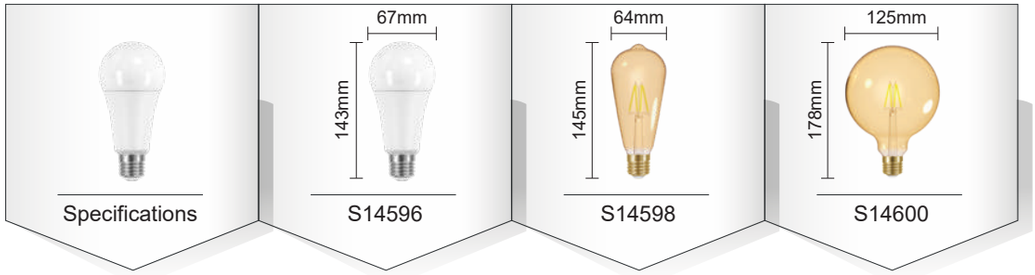
High quality,ensuring the highest degree of color gamut.
No shimer, which is harmless to eyes.
A variety of sizes and shapes, which makes it suitable for all uses.
Long virtual age,proper lighting intensity and low energy consumption.

Application:

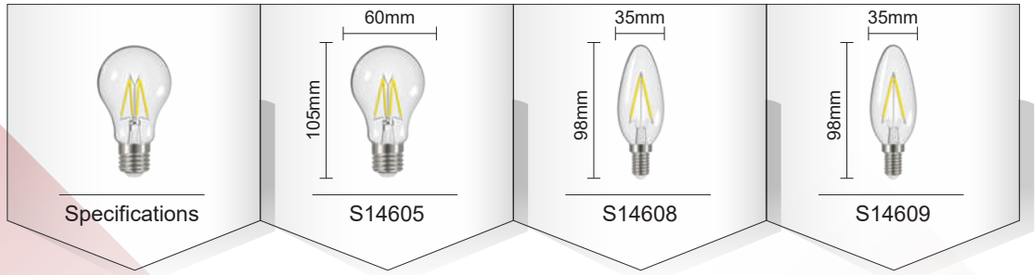
The product is suitable for use in homes,administrative offces,restaurants,shops,and indoor lighting purposes.

Specifications	S14580	S14587	S14589
			
W Wattage	5.2W	8.2W	8.2W
V·Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	470lm	806lm	806lm
CCT	2700K	2700K	6500K
Beam Angle	280°	200°	200°
IP	IP20	IP20	IP20
	15,000 hours	15,000 hours	15,000 hours
DF	≥0.4	≥0.7	≥0.7
Socket	E14	E27	E27
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO
Material	Alum+PC	Alum+PC	Alum+PC

Specifications	S14592	S14594	S14595
			
W Wattage	13.2W	13.2W	20W
V·Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	1521lm	1521lm	2452lm
CCT	2700K	6500K	6500K
Beam Angle	200°	200°	200°
IP	IP20	IP20	IP20
	15,000 hours	15,000 hours	15,000 hours
DF	≥0.7	≥0.7	≥0.7
Socket	E27	E27	E27
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO
Material	Alum+PC	Alum+PC	Alum+PC



Specifications	S14596	S14598	S14600
W Wattage	20W	4W	4W
V·Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	2452lm	320lm	320lm
CCT	2700K	2000K	2000K
Beam Angle	200°	320°	320°
IP	IP20	IP20	IP20
	15,000 hours	15,000 hours	15,000 hours
DF	≥0.7	≥0.4	≥0.4
Socket	E27	E27	E27
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO
Material	Alum+PC	Alum+Glass	Alum+Glass

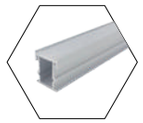


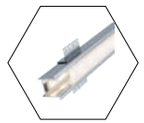
Specifications	S14605	S14608	S14609
W Wattage	8W	4W	4.5W
V·Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	1060lm	470lm	450lm
CCT	2700K	2700K	2700K
Beam Angle	320°	320°	320°
IP	IP20	IP20	IP20
	15,000 hours	15,000 hours	15,000 hours
DF	≥0.7	≥0.4	≥0.4
Socket	E27	E14	E14
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO
Material	Alum+PC	Alum+Glass	Alum+Glass

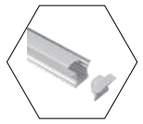
Aluminum Profile

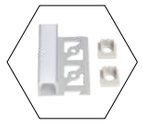
قنوات الألومنيوم

XT-355


XT-210


PXG-XT-226


PXG-1201H


PXG-301

PXG-3535-A

-مميزات المنتج:

- قنوات معدنية من الألومنيوم تاتى بمقاسات متنوعة لتناسب كافة الاستخدمات.

-سهولة تغيير الانارة الداخلية دون الحاجة لتغيير المجرى.

-أماكن الاستخدام:

- تصلح لأغراض الانارة الداخلية في المنازل والمكاتب والمباني التجارية.

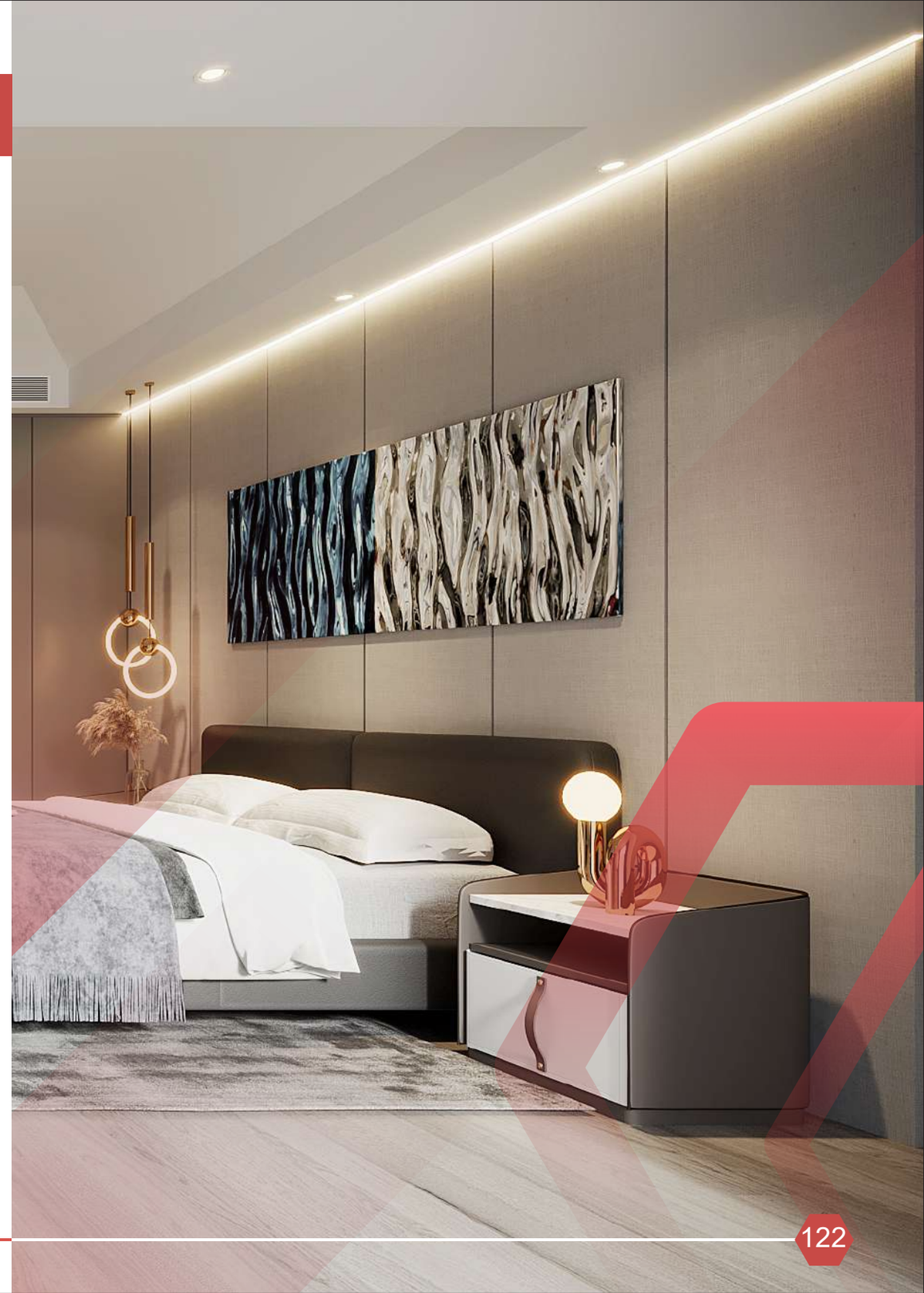
-والدرج تصلح للاستخدام الخارجي.

Product features:

Aluminum metal profiles come in a variety of scales to suit all uses.
It's easy to change the internal lights without having to change the stream.

Application:

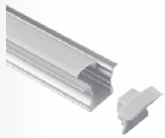
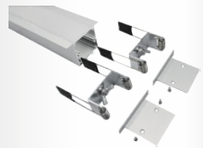
Fixed for internal lighting in houses,offices and commercial buildings.
Fixed for external use and stairs.



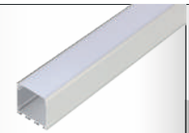
XT
PXG-XT

Specifications	XT-355	XT-210	PXG-XT-226
Thickness	2mm	2mm	2mm
Weight	1.2kg	1.2kg	1.2kg
Frame Color	Silver	Silver	Silver
Length	4m	4m	4m
Material	Alum+PC	Alum+PC	Alum

PXG

Specifications	PXG-1201H	PXG-301	PXG-3535-A
			
Thickness	2mm	2mm	2mm
Weight	1.2kg	1.2kg	1.2kg
Frame Color	Silver	Silver	Silver
Length	4m	3m	4m
Material	Alum+PC	Alum+PC	Alum+PC

PXG

Specifications	PXG-226	PXG-2626	PXG-1616
			
Thickness	2mm	2mm	2mm
Weight	1.2kg	1.2kg	1.2kg
Frame Color	Silver	Silver	Silver
Length	4m	6m	3m
Material	Alum	Alum+PC	Alum+PC

Pendant Lamp

مجموعة الانارات المعلقة

NR-101A

NR-101B

NR-101C

NR-102A

NR-102B

-مميزات المنتج :

-يتميز المنتج بسهولة فك وتركيب اللمبات وتغيير الوان الإضاءة .

-المنتج مصنوع من الألومنيوم وياتي بعدة الوان ليناسب كافة الأماكن .

-أماكن الاستخدام:

-يستخدم المنتج في أغراض الانارة الداخلية حيث يمكن استخدامه بالمنازل والمطاعم والمكاتب واغراض الانارة الداخلية.

Product features:

The product is characterized by easy removal and installation of the bulbs and changing the lighting colors.

The product is made of aluminum and comes in several colors to suit all places.

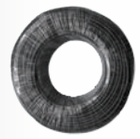
Application:

The product is used for interior lighting purposes, as it can be used in homes, restaurants, offices and interior lighting purposes.

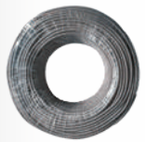
NR-102A NR-102B NR-102C			
Specifications	NR-102AE27-QG	NR-101BE27-JG	NR-101CE27-JG
IP	20	20	20
Installtion	Ceiling	Ceiling	Ceiling
Frame Color	Tan	Gold	Gold
Socket	E27	E27	E27
Material	Alum	Alum	Alum

NR-102A NR-102B			
Specifications	NR-102AE27-JG	NR-102BE27-QG	NR-102B-MGJ
IP	20	20	20
Installtion	Ceiling	Ceiling	Ceiling
Frame Color	Chrome	Tan	Copper
Socket	E27	D27	E27
Material	Alum	Alum	Alum

NR-101 NR-102			
Specifications	NR-101C-L	NR-102A-L	NR-102A-QG
IP	20	20	20
Installtion	None	None	None
Frame Color	Silver	Silver	Tan
Socket	E27	E27	E27
Material	Alum	Alum	Alum

NR-101			
Specifications	NR-101-BK	NR-101-BKB	NR-101-H
Wire diameter	0.75mm²	0.75mm²	0.75mm²
Rated Voltage	220V	220V	220V
Color	Black	Black and White	Gray
Length	300m/PCS	300m/PCS	300m/PCS
Material	Oxygen-free pure copper	Oxygen-free pure copper	Oxygen-free pure copper

NR-101

Specifications	NR-101-B	NR-101-JG	NR-101-NH
			
Wire diameter	0.75mm²	0.75mm²	0.75mm²
Rated Voltage	220V	220V	220V
Color	White	Gold	Black
Length	300m/PCS	300m/PCS	300m/PCS
Material	Oxygen-free pure copper	Oxygen-free pure copper	Oxygen-free pure copper

Pendant Lamp
NOORCO نورکو

LED Driver

The NOORCO LED drive can separately match the LED lamps on the market, from 3W to 50W ,300mA to 1500mA

model	Rated power	input voltage	output voltage	output current
NR-DR101-1-3W	1-3W	AC100-240V	3-12V	300mA
NR-DR101-3-7W	3-7W	AC100-240V	9-25V	300mA
NR-DR101-5-9W	5-9W	AC100-240V	15-28V	300mA
NR-DR101-8-12W	8-12W	AC100-240V	20-40V	300mA
NR-DR101-12-18W	12-18W	AC100-240V	30-55V	300mA
NR-DR101-18-25W	18-25W	AC100-240V	50-80V	300mA
NR-DR101-25-30W	25-30W	AC100-240V	70-95V	300mA
NR-DR101-30-50W	30-50W	AC100-240V	30-95V	300-1500mA

Dimmer Driver

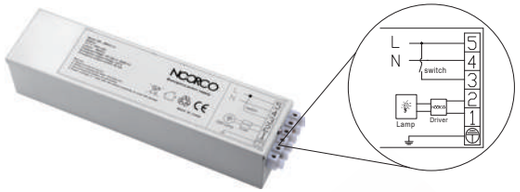
NOORCO Dimmer device
is equipped withNOORCOSCR dimmer switch,
with a maximum of 50W light source

LED RGB Strip Control

The lamp belt controller can control the lamp belt through infrared remote control to change into a corresponding color, also can control the changing pattern.

Emergency Driver

Warning:
1. Away from the fire source.
2. 48 Hours charging time when first time use.
3. Non-professional workers do not remove.
4. Please recharge in 7 days after the battery discharge to avoid the damage.



model	Rated power	input voltage	Li battery
NR–EM101–12	12w	100–240V	2000mAh
NR–EM101–18	18w	100–240V	3000mAh
NR–EM101–36	36w	100–240V	6000mAh
NR–EM101–40	40w	100–240V	6000mAh

12V/24V Switching Power Supply

MEAN WELL NOORCO

Features:

- Miniature size ,non-PFC
- 5G vibration,70℃ operation
- 300VAC input surge
- 2 outputs are isolated for RID series

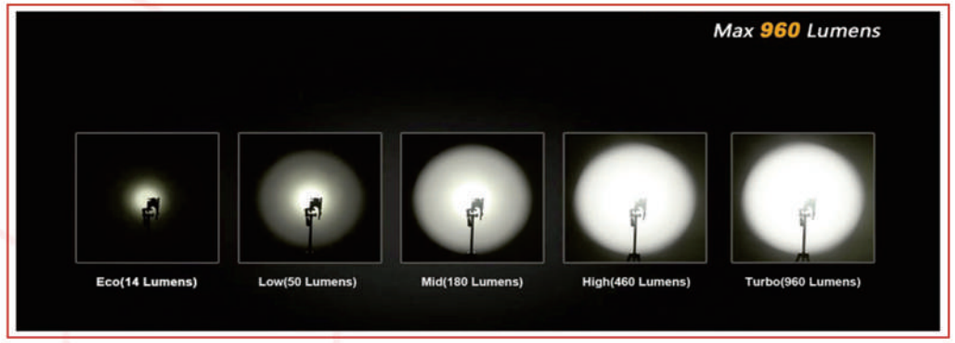
model	15W	25W	35W	50W	65W	75W	85W	100W	125W	150W
MW RS	○	○	○	○		○		○		○
MW RD			○	○	○		○		○	
MW RT				○	○		○		○	
MW RQ				○	○		○		○	
NOORCO	○	○	○	○	○	○	○	○	○	○

The table represents the power specifications of the corresponding series.

اللومن (Lumen)

هي وحدة قياس الفيض الضوئي وتعد وسيلة لمقارنة اقتصادية بين أنواع اللمبات المختلفة وتعني أن كلفة التيار الكهربائي المارة في لمبة وما تنتجه اللمبة من شدة الإضاءة ·

A measure of the luminous flux and a method to conduct an economical comparison between different types of lamps . It indicates the cost of the electric current flowing in a lamp and the luminous intensity produced by the lamp.



معامل إظهار اللون (CRI)

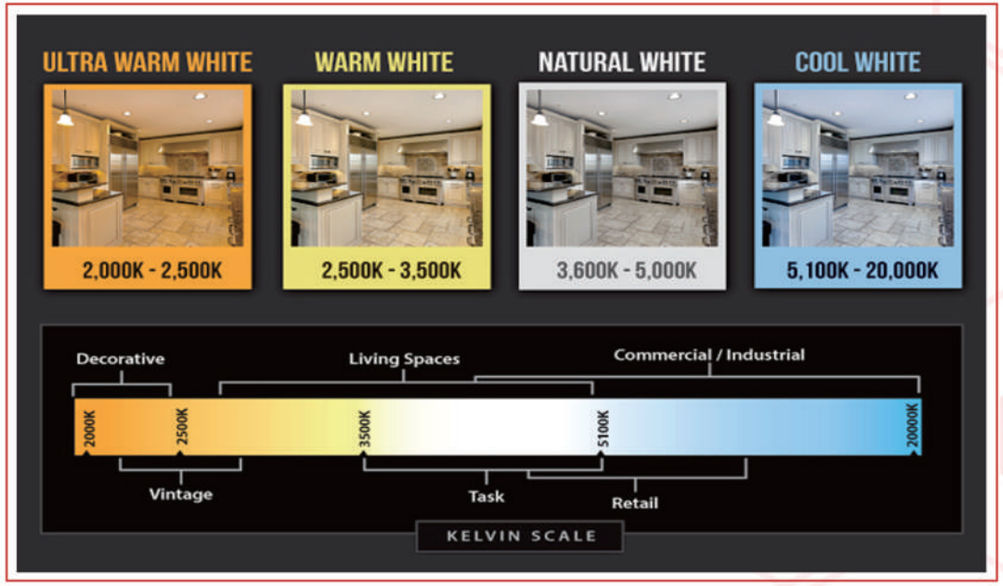
هو مقياس كمّي لتحديد مقدرة مصدر ضوئي على كشف ألوان الأجسام المختلفة بالمقارنة مع مصدر ضوئي قياسي أو معياري أو طبيعي
وينصح بشراء المصابيح التي يكون معامل إظهار اللون لها أكبر من 80 (CRI>80)
وحيث يعد معامل إظهار اللون لمصدر الضوء الضوء الطبيعي (الشمس)= 100 (CRI=100)

It's a quantitative measure to determine the capability of a source of light to show the colors of different objects compared to a standard or a natural source of light. It's recommended to buy lamps of color rendering index more than 80. (CRI>80). The color rendering index of the natural source of light (the Sun) = 100 (CRI=100).

درجة حرارة اللون (Color Temperature)

هو عبارة عن رقم يعبر عن درجة حرارة اللون و وحدة قياسه الكالفن (K) . وهو لون الإنارة وتختلف الألوان حسب درجة حرارة اللون ·

It's a number indicating the temperature of a color in Kelvi and the color of the lighting. Colors differ according to the temperature of the color.



زاوية الشعاع (The beam angle)

تعرف على أنها الزاوية التي ينبعث منها الضوء من مصدر ضوء معين

Known as the angle from which light emits from a certain source of light.

Watt الـــواط :

It is a unit of measurement for the electric power and is referred to by “W”. Watt is one of the methods to conduct an economic comparison between lamps as watt indicates the electricity consumption of the lamp per hour. For example, a 40W halogen lamp consumes 40 watts hourly, while 5W LED lamp consumes 5 watts hourly, i.e., the halogen lamp consumes eight times the consumption of the LED lamp and gives the same luminous intensity.

هي وحدة لقياس القدرة الكهربائية ويرمز لها بالرمز "W" ويعتبر الواط أحد طرق مقارنة إقتصادية اللمبات حيث يعبر الواط للمبة عن ما تقوم اللمبة بإستهلاكه من كهرباء في الساعة . على سبيل المثال لمبة هالوجين 40 واط فهي تستهلك 40 واط بالساعة بينما لمبة LED 5 واط تستهلك 5 واط بالساعة مما يعني أن اللمبة الهالوجين تستهلك ما يقارب 8 أضعاف ما تستهلكة اللمبة LED والتي تعطي نفس شدة الإضاءة

Life span العمر الإفتراضي :

It's the approximate life span of the lamp/ torch without breakdowns. It's also considered one of the methods to conduct an economic comparison between lamps. Where there is lighting with long life span, there is no need to replace it over a short period, and vice versa, if the lighting life span is short, this requires it to be replaced from time to time due to breakdowns, which will cause additional cost.

LED lamps can work up to 80000 hrs, while the life span of the traditional lamp ranges from 2000 hrs to 4000 hrs.

هي المدة التقريبية لعمل اللمبة/الكشاف بدون أعطال ، وتعتبر أيضاً أحد طرق مقارنة إقتصادية اللمبات حيث أنه في حالة توافر إنارة بعمر إفتراضي كبير لا توجد حاجة لإستبدالها خلال فترة قصيرة والعكس في حالة توافر إنارة بعمر إفتراضي قصير يستدعي ذلك إستبدالها كل فترة نتيجة وجود أعطال بها مما يتسبب بوجود تكلفة إضافية .

تتميز مصابيح LED بقدرة على العمل حتى 80000 ساعة بينما يختلف العمر الإفتراضي للمصباح العادي من 2000 ساعة وحتى 4000 ساعة .

Lamp Life Span العمر الإفتراضي للمصباح

= عدد سنوات العمل Work years

عدد ساعات العمل اليومي X عدد أيام العمل السنوي
daily work hours x annual work days

Ingress Protection (IP) Rating: درجة الحماية (IP)

تعبر عن مدى مقاومة الجهاز للأجزاء الصلبة والماء . والرقم الأول يشير إلى الأجسام الصلبة والرقم الثاني للمواد السائلة وهذا جدول يبين درجة الحماية لكل رقم :

A measure of the capacity of the device to resist hard particles and water. The first number refers to hard particles, while the second number refers to liquids. The following is a schedule indicating the ingress protection rating of each number:

1st Digit-SOLID الأجسام الصلبة درجة مقاومة الجهاز للأجسام الصلبة Degree of protection against solid objects			2nd Digit-LIQUID المواد السائلة درجة مقاومة الجهاز للماء Degree of protection against water		
0	لاتوجد حماية	No Protection	0	لاتوجد حماية	No Protection
1	حماية من الأجسام الصلبة الأكبر من 50 ملم ، مثل اليد	Protected against a solid object greater than 50mm, such as a hand	1	حماية من قطرات الماء الساقطة عمودياً على الجهاز	Protected against water drops
2	حماية من الأجسام الصلبة الأكبر من 12,5 ملم ، مثل الأصبع	Protected against a solid object greater than 12,5mm,such as a finger	2	حماية من قطرات الماء الساقطة عمودياً على جهاز مائل بنسبة 15 درجة	Protected against water drops at a15 degree angle
3	حماية من الأجسام الصلبة الأكبر من 2,5 ملم ، مثل السلك	Protected against a solid object greater than 2,5mm, such as a wire	3	حماية من رش المياه الموجه على الجهاز بزاوية 60 درجة	Protected against water spray at60 degree angle
4	حماية من الأجسام الصلبة الأكبر من 1 ملم ، مثل الشفره	Protected against a solid object greater than 1,0mm, such as a thin strap	4	حماية من رش المياه الموجه على الجهاز بأي زاوية	Protected against water splashing from any angle
5	حماية محدودة من الترابة، يمكن دخولها ولكن لايعطل الجهاز	Dust Protected prevents ingress of dust sufficient to cause harm	5	حماية من دفع المياه القوي على الجهاز بأي زاوية	Protected against water jets from any angle
6	حماية كاملة من الترابة والأجسام الصلبة	Dust tight no ingress of dust	6	حماية من دفع المياه القوي وأمواج البحر	Protected against powerful water jets and heavy seas
مثال تطبيقي :		Example :	7	حماية من غطس الجهاز مؤقتاً تحت الماء (30 دقيقة عند 3 قدم) حد أقصى	Protected against the effects of temporary submersion in water (30minutes at 3 feet)
IP 5 4 حماية من رش المياه الموجه على الجهاز بأي زاوية حماية محدودة من الترابة، يمكن دخولها ولكن لايعطل الجهاز .		Protected against water splashing from any angle Dust Protected prevents ingress of dust sufficient to cause harm	8	حماية كاملة لغطس الجهاز تحت الماء حتى 13 قدم - 4 أمتار	Protected against the effects of permanent submersion in water (Up ta 13 feet)

Symbols in tables	صورة الرمز	الرموز بالجداول
Power in Watt		القدرة بالواط
Volt - Hertz		الجهد – التردد
Luminous flux in lumen		شدة الإضاءة باللومين
Correlated Color Temperature		درجة حرارة اللون
Beam Angle		زاوية الإضاءة
Ingress Protection		درجة الحماية
Life Span		العمر الإفتراضي
Power Factor		معامل القدرة
Hole Size		مقاس الفتحة
Color Rendering Index		مُعامل إظهار اللون
Light Source		مصدر الإضاءة
Chips Type		نوع العدسة
Driver Type		نوع المُحول
Material		مادة الصنع
Frame Color		لون الإطار