



مشکاتی  
Meshkati

**LED**

**CATALOGUE**

 **8004300030**

**2022 - 2023**

 | Our Brands

العلامات التجارية | 



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 ٢٠٠٩ 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.

تعد 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

MeshKati Company	1	شركة مشكاتي
MeshKati Brands	2	العلامات التجارية
Certificates	3	الشهادات
Down Light	8	مجموعة الداون لايت
Track Light	22	مجموعة انارة المسار
Spot Light	28	مجموعة الإنارة المركزة
Tube Light	36	مجموعة الإنارة الانبوبية
Panel Light	42	مجموعة البانل لايت
Stripe Light	52	مجموعة الإنارة الشريطية
High power warehouse lighting	68	إنارة المستودعات عالية الطاقة
Flood Light	74	مجموعة إنارة الكشافات
Buried Light	80	مجموعة الإنارة الارضية
Linear Light	90	مجموعة الإنارة الخطية
Frames	98	مجموعة الفريمات
Led Pulp Energizer	110	إنارة اللمبات انرجايزر
Pendant Lamp	116	إنارات معلقة
LED Drivers	122	محولات الليد
Lighting Information	124	معلومات حول الإنارة
Symbols in The Table	126	رموز الجدول

**هافان :** تعتبر العلامة التجارية هافان هي ثاني علامة تجارية لشركة مشكاتي وهي علامة تجارية تختص بالإضاءة، تتميز بالجودة العالية والسعر المنافس وضمن يمتد الى 3 سنوات .



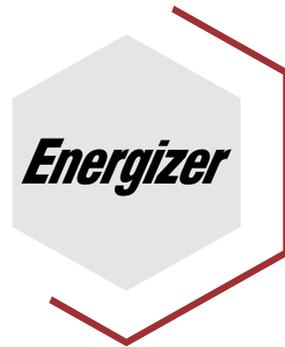
**Havan:** The Havan brand is the second brand of MishKati Company, which is a brand specializing in lighting, characterized by high quality, competitive price, and a guarantee that extends to 3 years.

**قلولايت:** تعتبر العلامة التجارية مميزة في مجال الإضاءة، تعتبر قلو لايت العلامة الثالثة لشركة مشكاتي تختص بمنتجات إضاءة عملية وعصرية ، ضمان يصل ، حتى 3 سنوات .



**GLOWLIGHT:** It is a distinguished brand in the field of lighting. GLOWLIGHT is the third brand of MashKati Company, specialized in practical and modern lighting products, with a warranty of up to 3 years.

**انرجايزر :** هي علامة تجارية عالمية وقد حازت على ثقة مشكاتي بأن تكون الوكيل الحصري للعلامة وهي علامة تجارية تتضمن منتجات LED وضمن يصل الى 3 سنوات.



**Energizer :** It is a global brand that has the trust of MashKati to be the exclusive agent of the brand, a brand that includes LED products and a warranty of up to 3 years.

**نووركو :** هي علامة تجارية الأولى لشركة مشكاتي وتتميز بالجودة العالية ، ضمان يصل حتى 5 سنوات للإضاءة وحتى 25 سنة للمفاتيح والأفياش .



**NOORCO :** It is the first brand of MashKati Company and is characterized by high quality, a guarantee of up to 5 years for lighting and up to 25 years for Switches and sockets.

**نووركو بلس :** هي علامة تجارية لشركة مشكاتي، وتتميز بالجودة والمواصفات العالية والاحترافية ويندرج من ضمنها منتجات الإضاءة والمفاتيح والأفياش بضمن يصل حتى 30 سنة.



**Noorco Plus :** It is a trademark of MashKati and is characterized by high quality and specifications, and it includes several products, including lighting and sockets, and warranty up to 30 years.

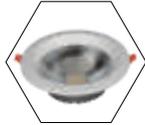


# LED DOWN LIGHT

-مجموعة الانارة السقفية



NR-CL103



HV-DL103



NR-ML101-1-3



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 وتكسيه قوة ومثانة 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
image			
W Wattage	7W	10W	15W
V · Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	665lm	1067lm	1600lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	45°	45°	60°
IP	IP20	IP20	IP20
Life	50,000 hours	50,000 hours	50,000 hours
DF	≥0.8	≥0.8	≥0.8
Mounting Hole	Φ72mm	Φ100mm	Φ140mm
Ra	≥80	≥80	≥80
COB SMD	COB	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO
Material	Alum+Glass	Alum+Glass	Alum+Glass



bridgelux

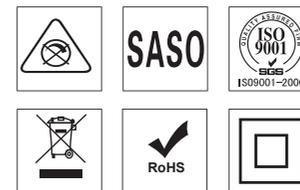


Product Color:  
White:

Specifications	NR-CL103COB-30	NR-CL103COB-50	NR-CL103COB-60
image			
W Wattage	30W	50W	60W
V · Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	3200lm	5360lm	4800lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
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	<b>NOORCO</b>	<b>NOORCO</b>	<b>NOORCO</b>
Material	Alum+Glass	Alum+Glass	Alum+Glass



bridgelux.



Product Color:  
White:

Specifications	HV-DL103-7	HV-DL103-10	HV-DL103-15
image			
Wattage	7W	10W	15W
V · Hz	AC100-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	540lm	750lm	1200lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	45°	45°	120°
IP	IP20	IP20	IP20
hours	30,000 hours	30,000 hours	30,000 hours
DF	≥0.8	≥0.8	≥0.8
cutout diameter	Φ72mm	Φ100mm	Φ140mm
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips			
Driver	هافان HAVANN	هافان HAVANN	هافان HAVANN
Material	Alum+Glass	Alum+Glass	Alum+Glass

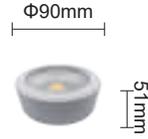
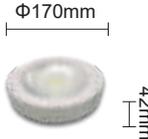
Specifications	HV-DL103-30	HV-DL103SMD-60	HV-DL103SMD-80
image			
Wattage	30W	60W	80W
V · Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	3200lm	6600lm	8240lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	90°	120°	120°
IP	IP20	IP20	IP20
hours	50,000 hours	50,000 hours	50,000 hours
DF	≥0.9	≥0.9	≥0.9
cutout diameter	Φ200mm	Φ200mm	Φ200mm
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips			
Driver	هافان HAVANN	هافان HAVANN	هافان HAVANN
Material	Alum+Glass	Alum+Glass	Alum+Glass

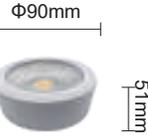
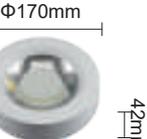
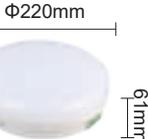
Specifications	NR-ML101-1-3	NR-ML101-2-6	NR-ML101-3-9	NR-ML101-3
image				
W Wattage	3W	6W	9W	3W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	140lm	315lm	440lm	195lm
CCT	3000K	3000K	3000K	3000K
Beam Angle	24°	24°	36°	45°
IP	IP20	IP20	IP20	IP20
hours	30,000 hours	30,000 hours	30,000 hours	30,000 hours
DF	≥0.4	≥0.7	≥0.7	≥0.4
mm	36*36mm	36*68mm	36*85mm	35mm
Ra	≥80	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD	SMD
Chips	bridgelux®	bridgelux®	bridgelux®	bridgelux®
Driver	NOORCO	NOORCO	NOORCO	NOORCO
Material	Alum+GLASS	Alum+GLASS	Alum+GLASS	Alum+GLASS



Specifications	GL-DL103-7	GL-DL103-10	GL-DL103-15	GL-DL103-30
image				
W Wattage	7W	10W	15W	30W
V·Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	540lm	750lm	1200lm	2400lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	45°	90°	120°	90°
IP	IP20	IP20	IP20	IP20
hours	30,000 hours	30,000 hours	30,000 hours	30,000 hours
DF	≥0.8	≥0.7	≥0.8	≥0.9
cutout	Φ70mm	Φ100mm	Φ140mm	Φ200mm
Ra	≥80	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD	SMD
Chips				
Driver				
Material	Alum+PC	Alum+PC	Alum+PC	Alum+PC

Specifications	GL-DL105-7	GL-DL105-10	GL-DL105-15	GL-DL105-30
image				
W Wattage	7W	10W	15W	30W
V·Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	540lm	750lm	1200lm	2400lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	45°	120°	120°	120°
IP	IP20	IP20	IP20	IP20
hours	30,000 hours	30,000 hours	30,000 hours	30,000 hours
DF	≥0.8	≥0.8	≥0.8	≥0.9
cutout	Φ70mm	Φ100mm	Φ140mm	Φ200mm
Ra	≥80	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD	SMD
Chips				
Driver				
Material	Alum+PC	Alum+PC	Alum+PC	Alum+PC

Specifications	HV-CL101S-7	HV-CL101S-15	HV-CL101S-24	HV-CL101S-40
image				
Wattage	7W	15W	24W	40W
V·Hz	AC100-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	540lm	1200lm	1920lm	3200lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	120°	120°	120°	120°
IP	IP20	IP20	IP20	IP20
hours	30,000 hours	30,000 hours	30,000 hours	30,000 hours
DF	≥0.8	≥0.8	≥0.8	≥0.9
Frame Color	White	White	White	White
Ra	≥80	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD	SMD
Chips				
Driver				
Material	Alum	Alum	Alum	Alum

Specifications	NR-CL101S-7	NR-PL101S-18	NR-PL101S-24	NR-EM106S-15
image				
Wattage	7W	18W	24W	15W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC220-240V 50/60Hz Battery:1500mAh
lm	600lm	1440lm	1920lm	900lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	120°	120°	120°	120°
IP	IP20	IP20	IP20	IP65
hours	30,000 hours	30,000 hours	30,000 hours	30,000 hours
DF	≥0.7	≥0.9	≥0.9	≥0.5
Frame Color	White	White	White	White
Ra	≥80	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD	SMD
Chips				
Driver				
Material	Alum	Alum	Alum	PC

# LED Track Light

-مجموعة انارات المسارات



NRP-TL102



NR-TL101



NR-TL109-SQ



NR-TL109



NR-TR104-GU10



Square T-rail Series



Concated Rail Series

## -مميزات المنتج :

- يتميز المنتج بعدسة COB ذات جودة عالية تتميز بالسطوع والعمر الافتراضي 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 والمنشآت 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

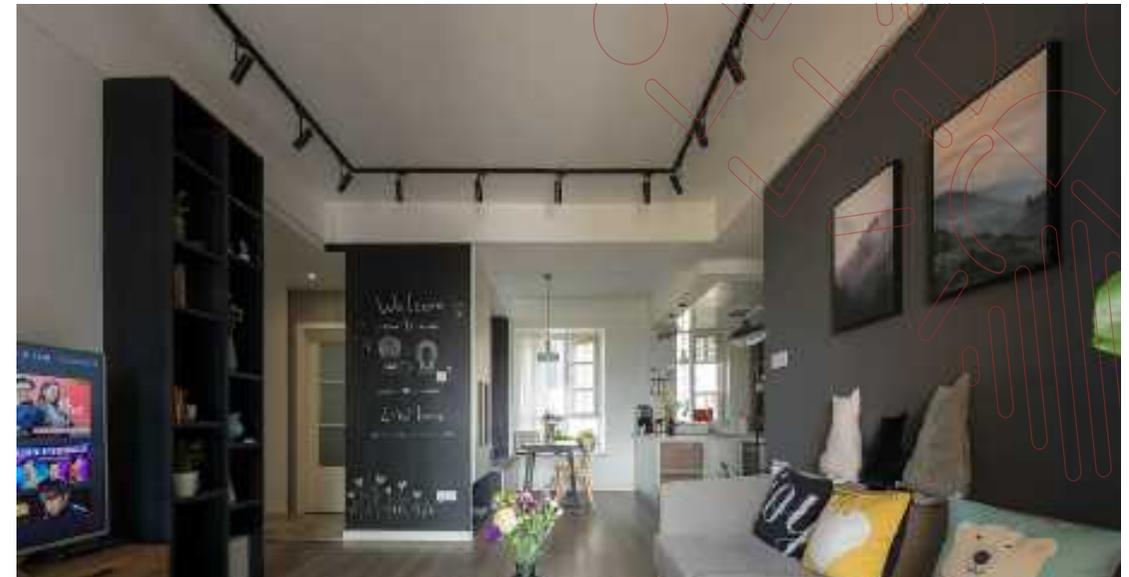
### Application:

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

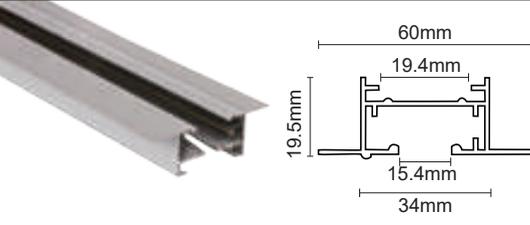


Specifications	NRP-TL102COB-10	NRP-TL102COB-14	NRP-TL102COB-20	NRP-TL102COB-30
image				
W Wattage	10W	14W	20W	30W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	850lm	1260lm	1600lm	2700lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	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/White	Black/White	Black/White	Black/White
Ra	≥97	≥97	≥97	≥97
COB SMD	COB	COB	COB	COB
Chips	bridgelux®	bridgelux®	bridgelux®	bridgelux®
Driver	NOORCO	NOORCO	NOORCO	NOORCO
Material	Alum+Glass	Alum+Glass	Alum+Glass	Alum+Glass

Specifications	NR-TR104-GU10	NR-TL109	NR-TL109-SQ
image			
IP	IP20	IP20	IP20
	None	None	None
Frame Color	Black/White	Black/White	Black/White
Fitting Lamp	MR16	MR16	MR16
Material	Alum	Alum	Alum



Specifications	NR-TL101-10	NR-TL101-15	NR-TL101-20	NR-TL101-30
image				
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	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	24°	24°	24°	24°
IP	IP20	IP20	IP20	IP20
hours	30,000 hours	30,000 hours	30,000 hours	30,000 hours
DF	≥0.8	≥0.8	≥0.8	≥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+PC	Alum+PC	Alum+PC	Alum+PC

Two Wires Square T- rail Series	Two Wires Concealed Rail Series
 <p>NR-TL110-1-M</p>	
 <p>NR-TL120-180</p>	 <p>NR-CTL120-180-W</p>
 <p>NR-TL120-90</p>	 <p>NR-CTL120-90-W</p>
 <p>NR-TL120-270    NR-TL120-360</p>	 <p>NR-CTL120-T-W    NR-CTL120-CROSS-W</p>
 <p>Steel Rope</p>	 <p>NR-CTL120-ACS</p>

# LED Lamp

مجموعة مصابيح LED



NR-G9



NR-SLM101-7



AR-111



SL101

## -مميزات المنتج :

- هيكل اللامبات مصنوع من مواد عالية الجودة .
- عمر افتراضي طويل واستهلاك منخفض للطاقة.
- درجة وضوح عالية للون وشدة اضاءة ممتازة .
- زوايا متعددة المقاسات مما يجعله مناسب لكافة الاستخدامات سواء كانارة عامة او انارات مركزة.
- تتوفر بعدة الوان ودرجات 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.



Specifications	NR-G9-3.5W	NR-G9-4W	NR-G9-5W	NR-G9-5.3W
image				
Wattage	3.5W	4W	5W	5.3W
V·Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	350lm	368lm	490lm	530lm
CCT	2700-7000K	2700-7000K	2700-7000K	2700-7000K
Beam Angle	270°	270°	270°	270°
IP	IP20	IP20	IP20	IP20
hours	20,000 hours	20,000 hours	20,000 hours	20,000 hours
Dimmable	NO	NO	NO	NO
Base	G9	G9	G9	G9
Ra	≥80	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO	NOORCO
Material	PC	PC	PC	PC

Specifications	NR-SL101SMD	NR-DIMC-5.3 WW	NR-G10-5-8030	NR-G10-5-9527
image				
Wattage	5.3W	5.3W	5.3W	5.3W
V·Hz	AC100-240V 50/60Hz	AC220-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	600lm	300lm	380lm	424lm
CCT	2700-7000K	2700-7000K	2700-7000K	2700-7000K
Beam Angle	60°	60°	12°	60°
IP	IP20	IP20	IP20	IP20
hours	20,000 hours	20,000 hours	20,000 hours	20,000 hours
Dimmable	NO	YES	NO	NO
Base	GU10	GU10	GU10	GU10
Ra	≥85	≥95	≥80	≥95
COB SMD	SMD	SMD	SMD	SMD
Chips	bridgelux	bridgelux	bridgelux	bridgelux
Driver	NOORCO	NOORCO	NOORCO	NOORCO
Material	PC+PA	PC+PA	PC+PA	PC

Specifications	NR-G10-5-9530	NR-G10-5-8027	SL101-6-W	GL-SL101-6-W
image				
Wattage	5.3W	5.3W	6W	6W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC220-240V 50/60Hz
lm	470lm	600lm	550lm	550lm
CCT	2700-7000K	2700-7000K	2700-7000K	2700-7000K
Beam Angle	60°	60°	60°	60°
IP	IP20	IP20	IP20	IP20
hours	20,000 hours	20,000 hours	20,000 hours	20,000 hours
DF	NO	NO	NO	NO
Base	GU10	GU10	GU10	GU10
Ra	≥95	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD	SMD
Chips				
Driver				
Material	PC+PA	PC	PC+PA	PC+PA

Specifications	NR-AR111-15	NR-AR111-30	HV-AR111-15	HV-AR111-30
image				
Wattage	15W	30W	15W	30W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	1200lm	2700lm	1200lm	2700lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	24°	90°/45°	24°	90°/45°
IP	IP20	IP20	IP20	IP20
hours	30,000 hours	30,000 hours	30,000 hours	30,000 hours
DF	≥0.8	≥0.9	≥0.8	≥0.9
Frame Color	Silver	Silver	White	White
Ra	≥80	≥80	≥80	≥80
COB SMD	COB	COB	COB	COB
Chips				
Driver				
Material	Alum+PC+Glass	Alum+PC+Glass	Alum+PC+Glass	Alum+PC+Glass

Specifications	NR-SLM101-7	NR-SLM101-10	NR-SLM101-15
image			
W Wattage	7W	10W	15W
V · Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	540lm	750lm	1200lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	24°/45°	36°	36°
IP	IP20	IP20	IP20
	30,000 hours	30,000 hours	30,000 hours
DF	≥0.8	≥0.8	≥0.8
Frame Color	Brown	Brown	Brown
Ra	≥90	≥90	≥90
COB SMD	COB	COB	COB
Chips	bridgelux.	bridgelux.	bridgelux.
Driver	NOORCO	NOORCO	NOORCO
Material	Alum+PMMA	Alum+PMMA	Alum+PMMA

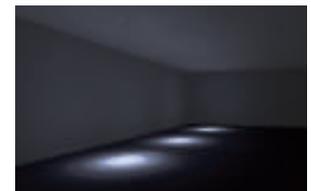


**Description:**  
Spot Light Modular

**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 30,000 hours.  
• High quality light, high color rendering, less heat, not UV or IR radiation  
• Build-in LED driver

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



Product Color:

Brown:

# LED Tube Light

مجموعة الانارة الأنبوبية



T8-GL



NR-T8-1.2X1



NR-T8-ABS-1X120

## -مميزات المنتج :

- نظام عالي الطاقة يمتاز بفاعلية كبيرة ودرجة سطوع عالية .
- استهلاك منخفض للطاقة مع شدة اضاءة ممتازة.
- زوايا انتشار واسعة تمنع تكوين ظلال مع الإضاءة.
- تنوع المقاسات المتوفرة مما يجعله 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.

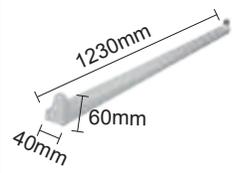
### Application:

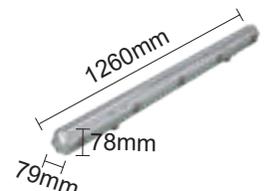
Homes, commercial and administrative buildings and hotels.



Specifications	T8-GL-60-9	T8-GL-120-18	T8-GL-150-24
image			
W Wattage	10W	18W	24W
V · Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	1067lm	2200lm	2900lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	270°	270°	270°
IP	IP40	IP40	IP40
hours	50,000 hours	50,000 hours	50,000 hours
DF	≥0.7	≥0.7	≥0.7
Base	G13	G13	G13
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips			
Driver			
Material	PC+Glass	PC+Glass	PC+Glass

Specifications	HV-T8-60-10	HV-T8-120-20	HV-T8-120-24
image			
W Wattage	10W	20W	24W
V · Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	1067lm	1900lm	2280lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	270°	270°	270°
IP	IP40	IP40	IP40
hours	30,000 hours	30,000 hours	30,000 hours
DF	≥0.7	≥0.7	≥0.7
Base	G13	G13	G13
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips			
Driver			
Material	PC+Glass	PC+Glass	PC+Glass

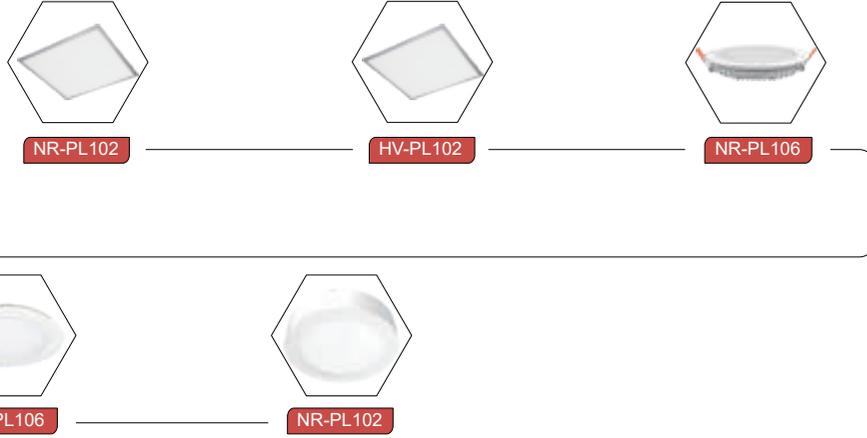
Specifications	NR-T8-1.2X1	NR-T8-1.2X2	NR-T8-1.2X2-REF
image			
IP	IP20	IP20	IP20
Material	Iron	Iron	Iron
	G13*2	G13*4	G13*4

Specifications	NR-T8-ABS-1X120	NR-T8-ABS-2X120
image		
IP	IP65	IP65
Material	ABS+PS	ABS+PS
	G13*2	G13*4



# LED Panel light

مجموعة الانارة المسطحة



## -مميزات المنتج:

- ضوء ساطع وموحد وزوايا انتشار واسعة لتغطية مساحات اوسع .
- حجم المصباح رقيق ليناسب الاماكن الضيقة .
- تنوع المقاسات ودرجات الاضاءة ليناسب كافة الاستخدامات .
- مناسب للاسقف الجبسية وبعض الانواع تصلح للاسقف الخرسانية .

## -أماكن الاستخدام:

- يصلح للاستخدام في أماكن العمل كالمكاتب والمدارس كما يصلح للاستخدام في المطاعم - والمباني 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.

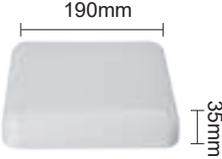
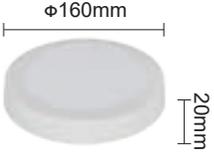
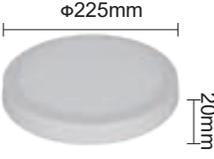


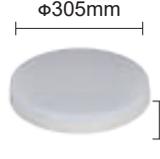
Specifications	NR-PL102-36	NR-PL102-40	NR-PL102-50	NR-PL102-72
image				
Wattage	36W	40W	50W	72W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	3240lm	3600lm	4500lm	6480lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	120°	120°	120°	120°
IP	IP20	IP20	IP20	IP20
hours	50,000 hours	50,000 hours	50,000 hours	50,000 hours
DF	≥0.9	≥0.9	≥0.9	≥0.9
Dimensions	595*595mm	595*595mm	595*595mm	595*1195mm
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

Specifications	HV-PL102-36	HV-PL102-40	HV-PL102-50	HV-PL102-72
image				
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	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	120°	120°	120°	120°
IP	IP20	IP20	IP20	IP20
hours	30,000 hours	30,000 hours	30,000 hours	30,000 hours
DF	≥0.9	≥0.9	≥0.9	≥0.9
Dimensions	595*595	595*595	595*595	595*1195
Ra	≥80	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD	SMD
Chips				
Driver	هافان HAVANN	هافان HAVANN	هافان HAVANN	هافان HAVANN
Material	Alum+PMMA	Alum+PMMA	Alum+PMMA	Alum+PMMA

Specifications	HV-PL106-5	HV-PL106-12	HV-PL106-18
image			
W Wattage	5W	12W	18W
V·Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	375lm	900lm	1854lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	120°	120°	120°
IP	IP20	IP20	IP20
hours	30,000 hours	30,000 hours	30,000 hours
DF	≥0.5	≥0.9	≥0.9
Mounting	Φ75mm	Φ150mm	Φ200mm
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips			
Driver			
Material	Alum+PS	Alum+PS	Alum+PS

Specifications	GL-PL101-4	GL-PL101-8	GL-PL101-12	GL-PL101-18
image				
W Wattage	4W	8W	12W	18W
V·Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	260lm	600lm	900lm	1440lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	120°	120°	120°	120°
IP	IP20	IP20	IP20	IP20
hours	30,000 hours	30,000 hours	30,000 hours	30,000 hours
DF	≥0.5	≥0.9	≥0.9	≥0.9
Mounting	Φ75mm	Φ100mm	Φ150mm	Φ200mm
Ra	≥80	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD	SMD
Chips				
Driver				
Material	Iron	Iron	Iron	Iron

Specifications	NR-PL101S-18-SQ	NR-PL101-18	NR-PL101-24
image			
Wattage	18W	18W	24W
V·Hz	AC220-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	1440lm	1440lm	1920lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	120°	120°	120°
IP	IP44	IP20	IP20
Life	50,000 hours	50,000 hours	50,000 hours
DF	≥0.9	≥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	PC	Alum	Alum

Specifications	HV-PL102-10	HV-PL102-20	HV-PL102-30	HV-PL102-40
image				
Wattage	10W	20W	30W	40W
V·Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	1067lm	2060lm	3090lm	4120lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	120°	120°	120°	120°
IP	IP20	IP20	IP20	IP20
Life	30,000 hours	30,000 hours	30,000 hours	30,000 hours
DF	≥0.9	≥0.9	≥0.9	≥0.9
Ra	≥80	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD	SMD
Chips				
Driver	هافان HAVANN	هافان HAVANN	هافان HAVANN	هافان HAVANN
Material	Alum+PS	Alum+PS	Alum+PS	Alum+PS
Frame Color	White	White	White	White

Specifications	GL-PL102-10	GL-PL102-20	GL-PL102-30	GL-PL102-40
image				
Wattage	10W	20W	30W	40W
V · Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	750lm	1600lm	2400lm	3200lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	120°	120°	120°	120°
IP	IP20	IP20	IP20	IP20
hours	30,000 hours	30,000 hours	30,000 hours	30,000 hours
DF	≥0.9	≥0.9	≥0.9	≥0.9
Ra	≥80	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD	SMD
Chips				
Driver				
Material	Iron+PS	Iron+PS	Iron+PS	Iron+PS
Frame Color	White	White	White	White

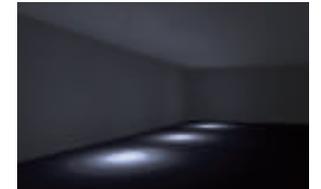


**Description:**  
Spot Light Modular

**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 rendering, less heat, not UV or IR radiation  
• Build-in LED driver

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



Product Color:  
White:

## LED Strip light

-مجموعة الانارة الشريطية .



NR-ST101



HV-ST101



NR-NE101



NRP-ST24



NR-ST24-60



NR-PS102

### -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 تأتي مع شريط لاصق لتناسب جميع الأماكن والاعراض .

### -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	NR-ST101-5050	NR-ST101-RGB	NR-ST101-R	NR-ST101-G
image				
Wattage	8W/m	8W/m	8W/m	8W/m
V·Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	580lm/m	250lm/m	120lm/m	360lm/m
CCT	2700K-6500K	RGB	Red	Green
Beam Angle	120°	120°	120°	120°
IP	IP65	IP65	IP65	IP65
Cutting Unit	60LEDs/1m	60LEDs/1m	60LEDs/1m	60LEDs/1m
Ra	≥80	≥80	≥80	≥80
DF	≥0.9	≥0.9	≥0.9	≥0.9
Size	W14.7*H7.3*L50000mm	W14.7*H7.3*L50000mm	W14.7*H7.3*L50000mm	W14.7*H7.3*L50000mm
COB SMD	SMD	SMD	SMD	SMD
Chips	bridgelux.	bridgelux.	bridgelux.	bridgelux.
Driver	NOORCO	NOORCO	NOORCO	NOORCO
Image	YES	YES	YES	YES

Specifications	NR-ST101-B	NR-ST101-P	NR-ST102
image			
Wattage	8W/m	8W/m	5.8W/m
V·Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	90lm/m	120lm/m	696lm/m
CCT	Blue	Purple	3000-6500K
Beam Angle	120°	120°	120°
IP	IP65	IP65	IP65
Cutting Unit	60LEDs/1m	60LEDs/1m	96LEDs/1m
Ra	≥80	≥80	≥80
DF	≥0.9	≥0.9	≥0.9
Size	W14.7*H7.3*L50000mm	W14.7*H7.3*L50000mm	W16*H7*L50000mm
COB SMD	SMD	SMD	SMD
Chips	bridgelux.	bridgelux.	bridgelux.
Driver	NOORCO	NOORCO	NOORCO
Image	YES	YES	YES

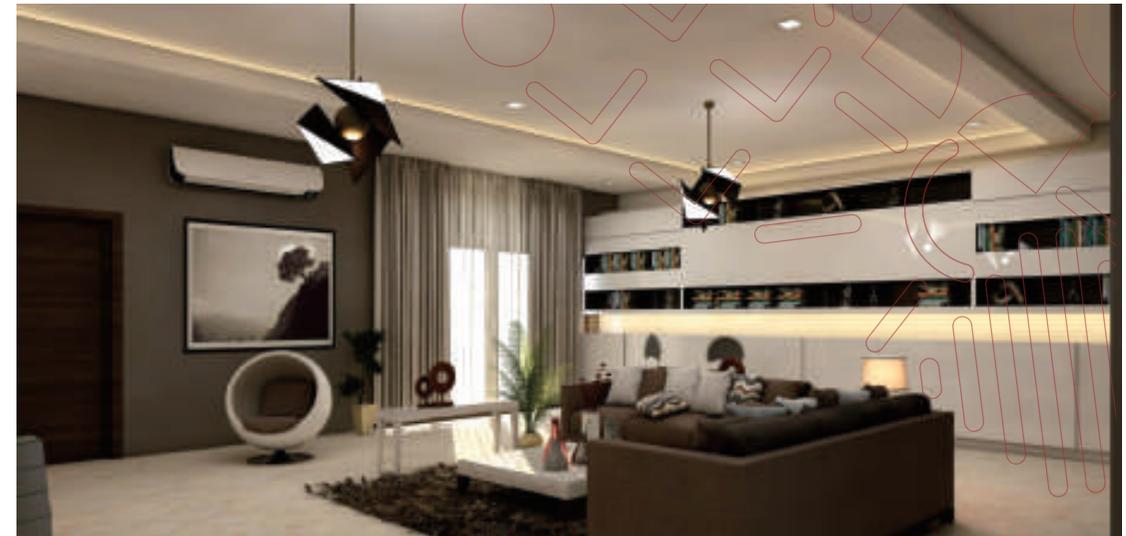
Specifications	HV-ST101	GL-ST105
image		
Wattage	6W/m	10W/m
V·Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	360lm/m	883-904lm/m
CCT	3000K-6500K	3000K-6500K
Beam Angle	120°	120°
IP	IP65	IP65
Cutting Unit	60LEDs/m	180LEDs/m
Ra	≥70	≥70
DF	≥0.9	≥0.9
Size	W14.7*H7.3*L50000mm	W14.5*H6*L50000mm
COB SMD	SMD	SMD
Chips		
Driver		
	YES	YES

Specifications	NR-NE101-50	NR-NE101-50	NR-NE101-50
image			
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	3000-5300K	3000-5300K	630K/525K 470K/595K
Beam Angle	120°	120°	120°
IP	IP65	IP65	IP65
Cutting Unit	120LEDs/m	120LEDs/m	120LEDs/m
Ra	≥80	≥80	≥80
DF	≥0.9	≥0.9	≥0.9
Size	W16*H16*L50000mm	W16*H16*L50000mm	W16*H16*L50000mm
COB SMD	SMD	SMD	SMD
Chips			
Driver			
	YES	YES	YES

Specifications	NRP-ST24	NRP-ST24-IP65	NR-ST24-60
image			
Wattage	10W/m	10W/m	5W/m
V·Hz	DC24V	DC24V	DC24V
lm	1000lm/m	1000lm/m	450m/m
CCT	3000-6500K	3000-6500K	3000-6500K
Beam Angle	120°	120°	120°
IP	IP20	IP65	IP20
Cutting Unit	41.67mm	41.67mm	100mm
Ra	≥90	≥90	≥90
DF	None	None	None
LED Quantity	384LEDs/m	384LEDs/m	60LEDs/m
COB SMD	COB	COB	SMD
Chips	bridgelux®	bridgelux®	bridgelux®
Driver	NOORCO	NOORCO	NOORCO
	YES	YES	YES

Specifications	NR-ST24-120	NRP-ST24-128	NRP-ST24-168
image			
Wattage	9W/m	23W/m	14W/m
V·Hz	DC24V	DC24V	DC24V
lm	820lm/m	2700lm/m	1800lm/m
CCT	3000-6500K	3000-6500K	3000-6500K
Beam Angle	120°	120°	120°
IP	IP20	IP20	IP20
Cutting Unit	50mm	63mm	42mm
Ra	≥90	≥90	≥95
DF	None	None	None
LED Quantity	120LEDs/m	128LEDs/m	168LEDs/m
COB SMD	SMD	SMD	SMD
Chips	bridgelux®	bridgelux®	bridgelux®
Driver	NOORCO	NOORCO	NOORCO
	YES	YES	YES

Specifications	NR-ST24-IP65-60	NRP-ST24-IP65-168	NRP-NE24-IP67
image			
Wattage	5W	14W	9W
V·Hz	DC24V	DC24V	DC24V
lm	415lm/w	1660lm/w	856lm/w
CCT	3000-6500K	3000-6500K	3000-6500K
Beam Angle	120°	120°	120°
IP	IP65	IP65	IP67
Cutting Unit	100mm	42mm	50mm
Ra	≥90	≥90	≥95
DF	None	None	None
LED Quantity	60LEDs/m	168LEDs/m	120LEDs/m
COB SMD	SMD	SMD	SMD
Chips	bridgelux.	bridgelux.	bridgelux.
Driver	NOORCO	NOORCO	NOORCO
	YES	YES	YES



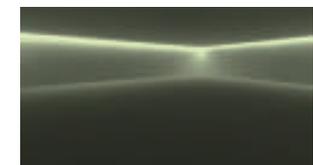
**Description:**  
Line Light

**Main material**  
• Engineering plastic

**Specification**  
• High quality light, high color rendering, less heat, not UV or IR radiation  
• LED Strip Power Supply

**Applications**  
• Shopping mall  
• Entertainment & leisure  
• Retail  
• Office

bridgelux.



Item Code	NR-ST101-DR-150W06	NR-ST101-DR-250W11	NR-ST102-DR-250W
Power	150W	250W	250W
Input	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
Output	226V0.63A DC	226V1.10A DC	270V1.00A DC
DF	≥0.9	≥0.9	≥0.9
Size	L119xW31.5xH29mm	L145.8xW42xH33mm	L150xW45xH34mm
IP	IP65	IP65	IP65
Matching series	NR-ST101 Series	NR-ST101 Series	NR-ST102 Series

**Product Features:**

- Stable output
- No stroboscopic anti-interference
- IP65
- Stable power supply, longer life



Item Code	HV-ST101-DR-150W06	HV-ST101-DR-250W11
Power	150W	250W
Input	AC220-240V 50/60Hz	AC220-240V 50/60Hz
Output	226V0.63A DC	226V1.10A DC
DF	≥0.9	≥0.9
Size	L119xW31.5xH29mm	L145.8xW42xH33mm
IP	IP65	IP65
Matching series	HV-ST101 Series	HV-ST101 Series

**Product Features:**

- Stable output
- No stroboscopic anti-interference
- IP65
- Stable power supply, longer life



Item Code	NR-PS-60W	NR-PS102-24V-60W	NR-PS102-24V-60-IP65W
image			
Power	60W	60W	60W
Input	AC100-240V 50/60Hz 0.6A	AC100-240V 50/60Hz 0.6A	AC100-240V 50/60Hz 0.6A
Output	24V2.5A DC	24V2.5A DC	24V2.5A DC
IP	IP20	IP20	IP65

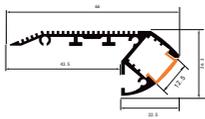
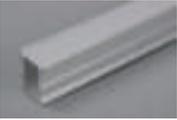
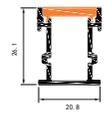
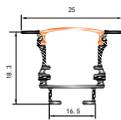
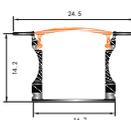
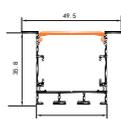
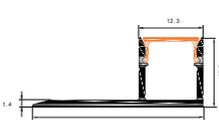
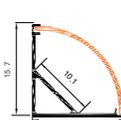
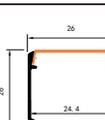


**NOTE:the power supply should not exceed 80% of the rated power for long periods of time!**

Item Code	NR-PS-100W	NR-PS102-24-150W	NR-PS-150W	NR-PS-360W
image				
Power	100W	150W	150W	360W
Input	AC100-240V 50/60Hz 1A	AC100-240V 50/60Hz 1.5A	AC100-240V 50/60Hz 1.5A	AC100-240V 50/60Hz 3.6A
Output	24V4.2A DC	24V6.3A DC	24V6.2A DC	24V15A DC
IP	IP20	IP20	IP20	IP20



**NOTE:the power supply should not exceed 80% of the rated power for long periods of time!**

Picture	Item Code	Cross section dimension	Match LED strip lights size
	XT-355		Max 12mm
	XT-210		Max 12mm
	XT-226		Max 10mm
	PXG-1201H		Max 12mm
	PXG-3535-A		Max 27mm
	PXG-301		Max 11mm
	PXG-1616		Max 10mm
	PXG-2626		Max 24mm

accessories			
End cap	Top wire outlet	Bottom wire outlet	Left wire outlet
	Right wire outlet		
Mounting clip	Aluminum clip (outlet)	Aluminum clip	PC clip
Mounting groove	Aluminum groove	Aluminum groove (outlet)	PC groove
Aluminum groove with reserved wire	outlet position	Side bend	Top bend

# LED High Bay Lamp

مجموعة إنارة المستودعات بمصابيح (LED) عالية الطاقة



NR-HB-104



HV-HB-101



NR-BL101

## -مميزات المنتج:

- مادة الصنع الألمنيوم عالي الجودة مصنوع بجودة عالية ذات شكل انيق .
- استخدام الومنيوم مؤكسد بدرجة نقاء عالية وزجاج مشع عاكس يغطي مصدراالضاءة .
- 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 منخفض للطاقة .

## -اماكن الاستخدام:

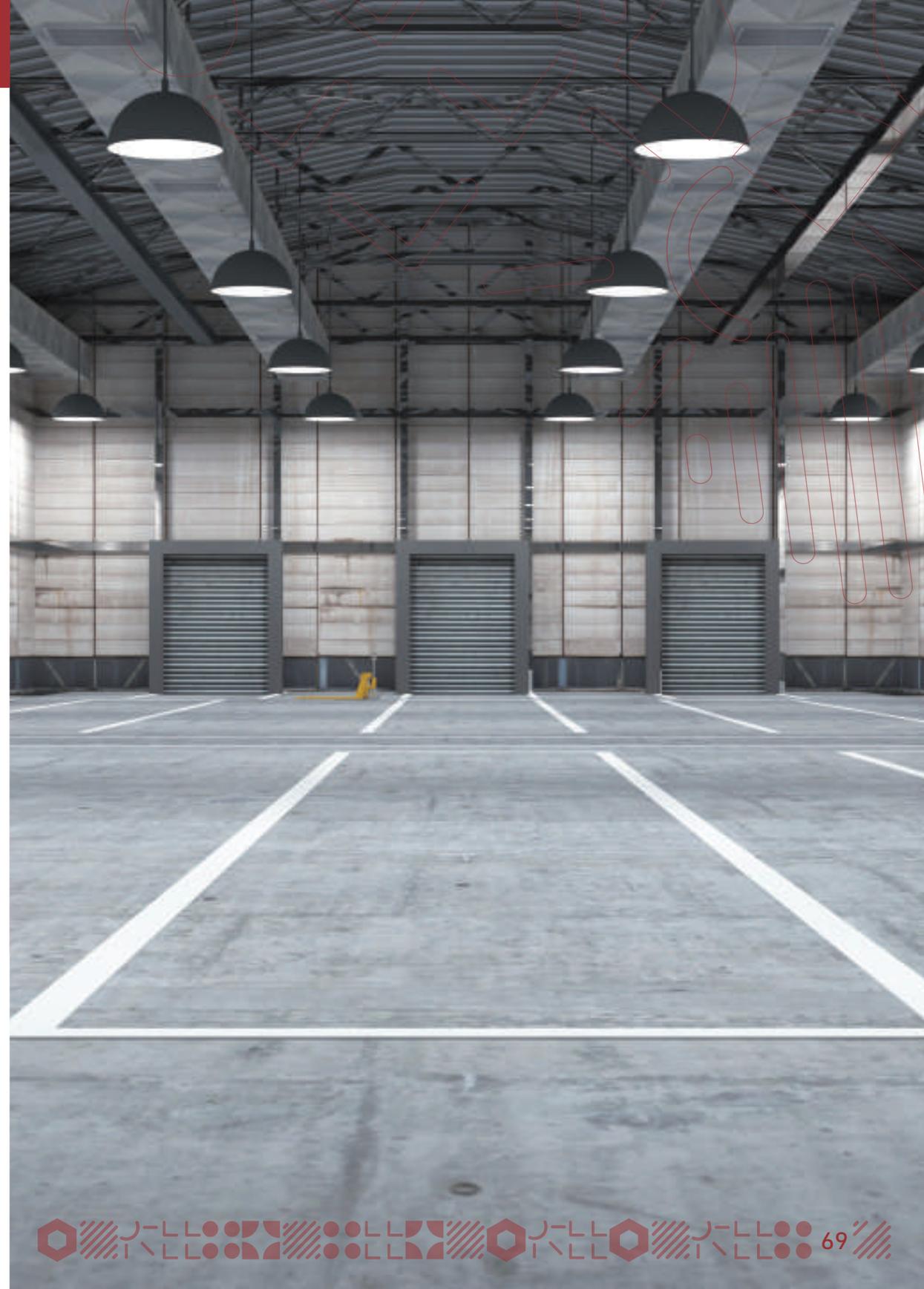
ورش العمل والمستودعات والمباني الادارية، المحطات، قاعات العرض والصالات الرياضية والمراكز التجارية.

### 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:

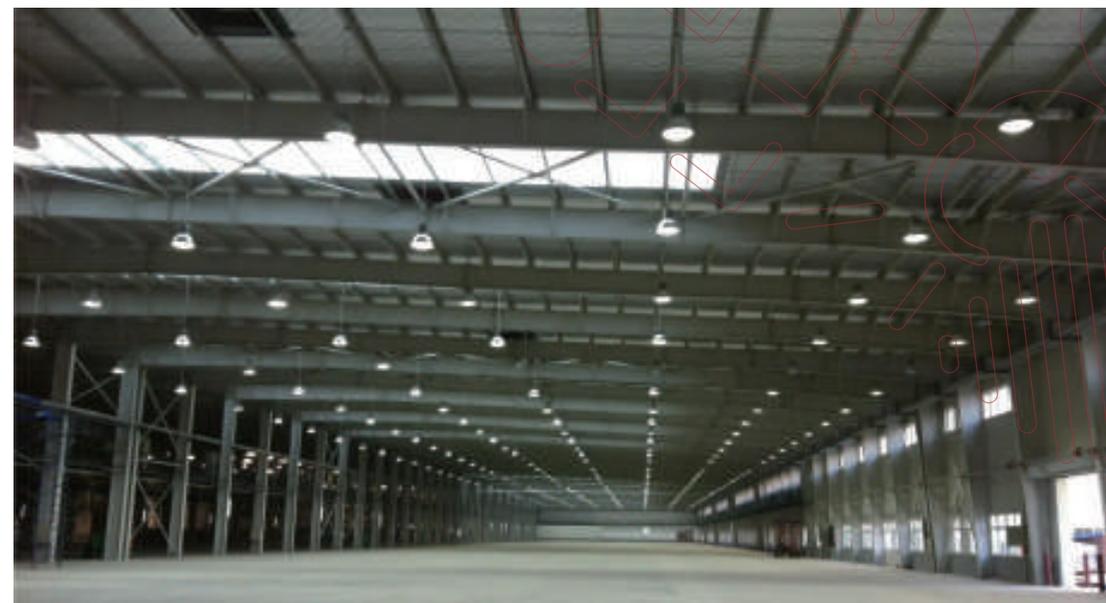
Workshops, warehouses, administrative buildings, stations, exhibition rooms, gymnasiums and commercial centers.



Specifications	NR-HB104-100W	NR-HB104-150W	NR-HB104-200W
image			
W Wattage	100W	150W	200W
V · Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	10100lm	15150lm	20200lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	120°	120°	120°
IP	IP65	IP65	IP65
Life	50,000 hours	50,000 hours	50,000 hours
DF	≥0.9	≥0.9	≥0.9
Frame Color	Black	Black	Black
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips			
Driver			
Material	Alum+PC	Alum+PC	Alum+PC

Specifications	HV-HB-101-50W	HV-HB-101-100W	HV-HB-101-150W	HV-HB-101-200W
image				
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	15000lm	20000lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	90°/120°	90°/120°	90°/120°	90°/120°
IP	IP65	IP65	IP65	IP65
Life	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				
Driver				
Material	Alum+PC	Alum+PC	Alum+PC	Alum+PC

Specifications	NR-BL101-50	NR-BL101-100	NR-BL101-140
image			
W Wattage	50W	100W	140W
V · Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	5050lm	10100lm	16660lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
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
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



**Description:**  
LED High Bay Light

**Main material**

- Die-cast aluminum Engineering plastic + PC

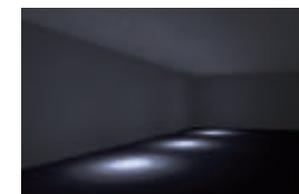
**Specification**

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

**Applications**

- Warehouse
- Workshop
- Indoor stadium
- Fitness room

bridgelux.



Product Color:  
White:

# LED Flood Lamp

مجموعة الانارة المسطحة



NR-FL103S



NR-FL106-24

## -مميزات المنتج :

- هيكل قوى مصنوع من ركائز الألومنيوم عالي الجودة بتصميم متفرد رائع.
- درجة تحمل عالية ومقاومة للماء والغبار .
- مدول ليد مدمج مما يساعد على ثبات الضوء واستقراره .
- يعمل بفعالية ضمن نطاق 110 الى 220 فولت .

## -أماكن الاستخدام :

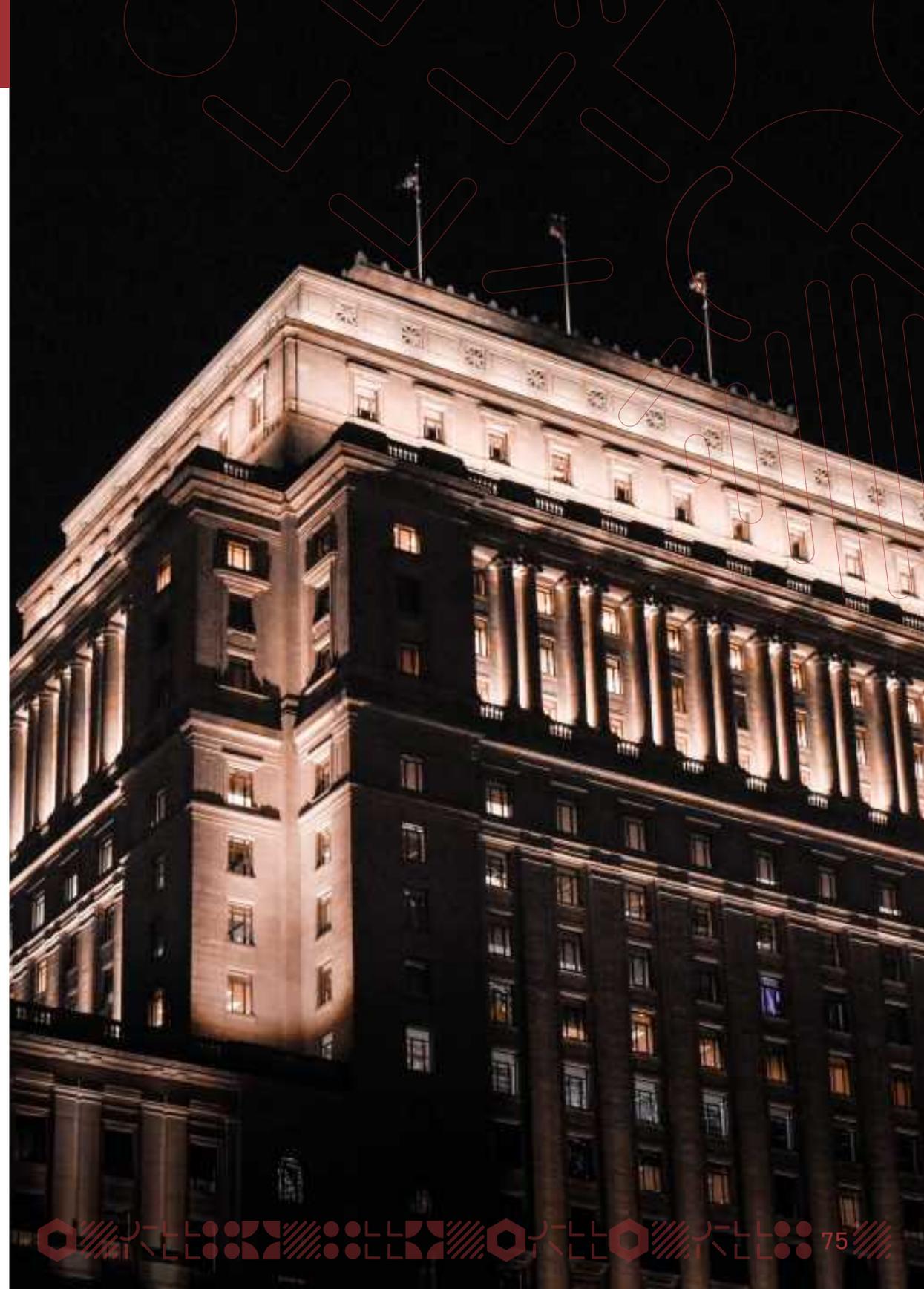
الحدائق والطرق والميادين والفنادق ومواقف السيارات واغراض الانارة الخارجية .

### 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
image			
Wattage	20W	30W	50W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	2166lm	3201lm	5360lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	60°	60°	60°
IP	IP65	IP65	IP65
hours	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			
Driver	NOORCO	NOORCO	NOORCO
Material	Alum+PC	Alum+PC	Alum+PC

Specifications	NR-FL103S-100	NR-FL103S-150	NR-FL103S-200
image			
Wattage	100W	150W	200W
V·Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	10600lm	17000lm	20600lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	60°	60°	60°
IP	IP65	IP65	IP65
hours	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			
Driver	NOORCO	NOORCO	NOORCO
Material	Alum+PC	Alum+PC	Alum+PC

Specifications	NR-FL106-24	NR-FL106-40	NR-FL106-70
image			
W Wattage	24W	40W	70W
V·Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	1776lm	2960lm	5180lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	36°	36°	36°
IP	IP65	IP65	IP65
	30,000 hours	30,000 hours	30,000 hours
DF	≥0.9	≥0.9	≥0.9
Frame Color	Gray	Gray	Gray
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	bridgelux.	bridgelux.	bridgelux.
Driver	NOORCO	NOORCO	NOORCO
Material	Alum	Alum	Alum



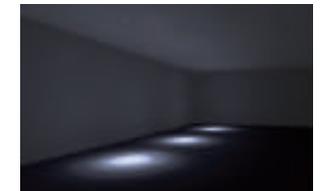
**Description:**  
LED Flood Lamp

bridgelux.

**Main material**  
• Die-cast aluminum Engineering plastic



**Specification**  
• Energy saving, up to 85% energy saving comparing to standard halogen and incandescent lamps  
• High quality light, high color rendering less heat, not UV or IR radiation  
• supplied with LED driver



**Applications**  
• Warehouse  
• Workshop  
• Indoor stadium  
• Fitness room



Product Color:  
Gray:

# LED Floor Light

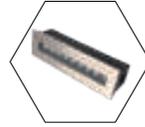
-مجموعة الانارات الأرضية.



NR-UL101



NR-ULS-6



NR-WG102-9



NR-UL103-Y-1



CP7025-8



NR-WS102-ANTI

## -مميزات المنتج :

- هيكل اللامبات مصنوع من ركائز الألمنيوم وغطاء محكم وتقنية تبريد حراري ممتاز .
- الغطاء مزود بطبقة مطاطية مغلقة بإحكام للتأكد من مقاومة المصباح للأمطار والغبار .
- الاستهلاك المنخفض للطاقة والفعالية العالية وتحقق ممتاز للانارة .
- إمكانية تغيير اللامبات 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.

Specifications	NR-UL101-3	NR-UL101-7	NR-UL101-15	NR-UL101-22
image				
Wattage	3W	7W	15W	22W
V·Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	150lm	385lm	900lm	1430m
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	20°	24°	24°	24°
IP	IP65	IP65	IP65	IP65
hours	30,000 hours	30,000 hours	30,000 hours	30,000 hours
DF	≥0.4	≥0.7	≥0.7	≥0.7
Frame Color	Silver	Silver	Silver	Silver
Ra	≥80	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD	SMD
Chips	bridgelux.	bridgelux.	bridgelux.	bridgelux.
Driver	NOORCO	NOORCO	NOORCO	NOORCO
Material	Stainless 316+PA66	Stainless 316+PA66	Stainless 316+PA66	Stainless 316+PA66

Specifications	NR-ULS-6	NR-ULS-15	NR-ULS-36
image			
Wattage	6W	15W	36W
V·Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	390lm	1075lm	2665lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	36°	36°	36°
IP	IP65	IP65	IP65
hours	30,000 hours	30,000 hours	30,000 hours
DF	≥0.7	≥0.8	≥0.9
Frame Color	Gray	Gray	Gray
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	bridgelux.	bridgelux.	bridgelux.
Driver	NOORCO	NOORCO	NOORCO
Material	Iron	Iron	Iron

Specifications	NR-WG102-9	NR-WG102-15	NR-WG102-24
image			
W Wattage	9W	15W	24W
V · Hz	A220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	585lm	1075lm	1776lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	36°	36°	36°
IP	IP65	IP65	IP65
Life	30,000 hours	30,000 hours	30,000 hours
DF	≥0.7	≥0.8	≥0.7
Frame Color	Silver	Silver	Silver
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips			
Driver	<b>NOORCO</b>	<b>NOORCO</b>	<b>NOORCO</b>
Material	316 stainless steel	316 stainless steel	316 stainless steel

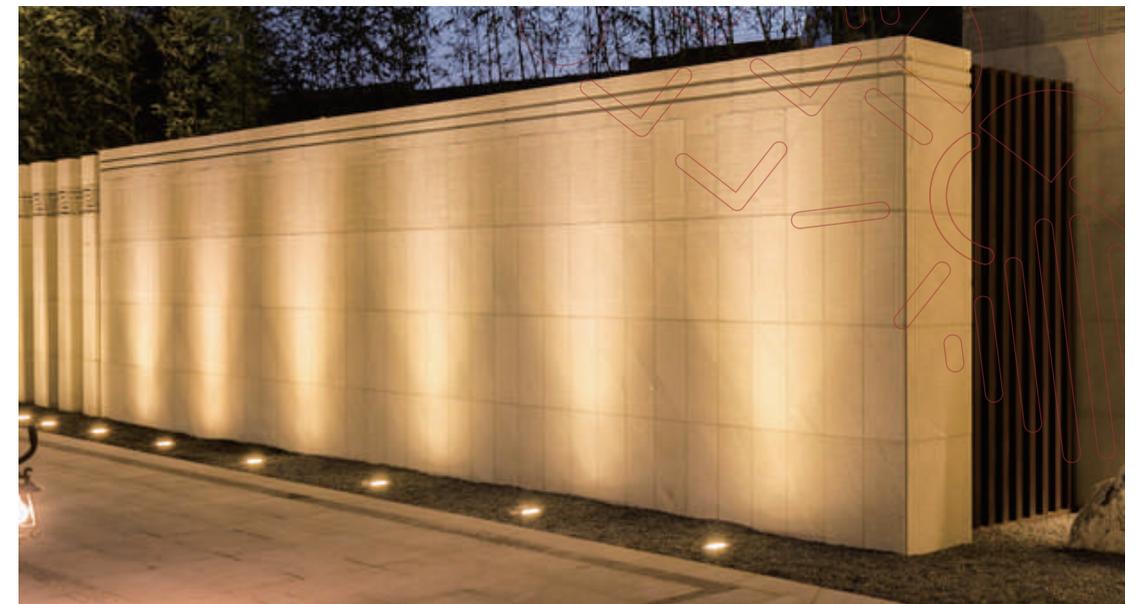
Specifications	NR-UL103-Y-1	NR-UL103-F-1	NR-UL102-Y-1	NR-UL103-2
image				
W Wattage	1W	1W	1W	2W
V · Hz	DC24V	DC24V	DC24V	DC24V
lm	65lm	65lm	65lm	130lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	15°	15°	15°	10°
IP	IP67	IP67	IP67	IP66
Life	30,000 hours	30,000 hours	30,000 hours	30,000 hours
DF	None	None	None	≥0.4
Frame Color	Silver	Silver	Silver	Silver
Ra	≥80	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD	SMD
Chips				
Driver	<b>NOORCO</b>	<b>NOORCO</b>	<b>NOORCO</b>	<b>NOORCO</b>
Material	Alum	Alum	316 stainless steel	316 stainless steel

Specifications	CP7025-1	CP7025-2	CP7025-8	CP7026
image				
Wattage	3W	3W	3W	3W
V·Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	195lm	195lm	195lm	195lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	15°	15°	15°	36°
IP	IP65	IP65	IP65	IP65
hours	30,000 hours	30,000 hours	30,000 hours	30,000 hours
DF	≥0.4	≥0.4	≥0.4	≥0.4
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	Alum	Alum	Alum

Specifications	NR-WS102-ANTI-12	NR-WS102-ANTI-24	NR-WS102-ANTI-36
image			
Wattage	12W	24W	36W
Solar panels	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	900lm	1920lm	2880lm
CCT	3000K	3000K	3000K
Beam Angle	24°	24°	24°
IP	IP65	IP65	IP65
hours	30,000 hours	30,000 hours	30,000 hours
DF	≥0.9	≥0.9	≥0.9
Frame Color	Light grey	Light grey	Light grey
Ra	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD
Chips	bridgelux®	bridgelux®	bridgelux®
Driver	NOORCO	NOORCO	NOORCO
Material	Alum+Glass	Alum+Glass	Alum+Glass

Specifications	4011-3
image	
W Wattage	3W
V · Hz	AC176-240V 50/60Hz
lm	180lm
CCT	3000-4000-6500K
Beam Angle	36°
IP	IP65
	50,000 hours
DF	≥0.4
Frame Color	Black
Ra	≥80
COB SMD	COB
Chips	bridgelux
Driver	NOORCO
Material	Alum

Specifications	4011-C	4011-S
image		
IP	IP65	IP65
	None	None
Frame Color	Silver	Silver
Fitting Lamp	GU10*1	GU10*1
Material	Alun+PC	Alun+PC



# LED Linear Lamp

مجموعة الانارة الخطية



NR-AL101-Anti



NR-AL101



NR-AL102



NR-AL103



NR-T5-PC



NR-T15-101-36



NR-AL104-40

## -مميزات المنتج :

- تصميم فريد ورائع وهيكلي 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 3000 كلفن حتى 6500 كلفن .
- زوايا انتشار متنوعة ليتماشى مع كافة الاستخدامات .

## -أماكن الاستخدام:

- يصلح للاستخدام في أماكن العمل كالمكاتب والمدارس كما يصلح للاستخدام في المطاعم -
- والعابى 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.



Specifications	NR-AL102-20-Anti	NR-AL101-30-Anti	NR-AL101-36	NR-AL101-40	NR-AL101-40-Anti
image					
W Wattage	20W	30W	36W	40W	40W
V · Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	1600lm	2700lm	3841lm	4060lm	3200m
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	36°	36°	120°	120°	36°
IP	IP20	IP20	IP20	IP20	IP20
	30,000 hours	30,000 hours	50,000 hours	50,000 hours	50,000 hours
DF	≥0.9	≥0.9	≥0.9	≥0.9	≥0.9
Frame Color	Black/White	Black/White	Black/White	Black/White	Black/White
Ra	≥80	≥80	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD	SMD	SMD
Chips					
Driver	<b>NOORCO</b>	<b>NOORCO</b>	<b>NOORCO</b>	<b>NOORCO</b>	<b>NOORCO</b>
Material	Alum+PC	Alum	Alum	Alum	Alum

### SkyLine

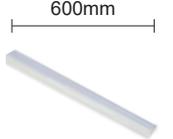
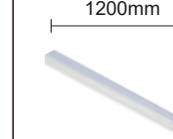
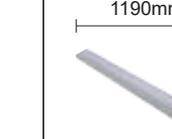


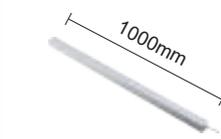
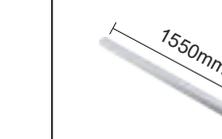

Item Code	Color	Dimensions in mm			Light Strip Max Size (D mm)	
		A	B	C		
NR-SKY-BK	Black	55	55	160		0.18
NR-SKY-WH	White	55	55	160		0.18
NR-Steel-BK	Black	10000	21	4	13	0.11/Meter
NR-Steel-WH	White	10000	21	4	13	0.11/Meter

**Dimensions in mm**

Specifications	NR-AL104-40	NR-AL104-20	NR-AL104X-20
image			
Wattage	40W	20W	20W
V·Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	4510lm	2060lm	2060lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	120°	120°	120°
IP	IP20	IP20	IP20
hours	50,000 hours	50,000 hours	50,000 hours
DF	≥0.9	≥0.9	≥0.9
Dimensions	1215*55mm	615*55mm	360*320*55mm
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-AL104WL-20	NR-AL104T-20	NR-AL104L-20
image			
Wattage	20W	20W	20W
V·Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
lm	2060lm	2060lm	2060lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	120°	120°	120°
IP	IP20	IP20	IP20
hours	50,000 hours	50,000 hours	50,000 hours
DF	≥0.9	≥0.9	≥0.9
Dimensions	365*290*55mm	360*334**55mm	375*334*55mm
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-T5-PC-60-8	NR-T5-PC-90-12	NR-T5-PC-120-18	NR-T15-101-36
image				
Wattage	8W	12W	18W	36W
V · Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	665lm	1280lm	1600lm	4060lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	270°	270°	270°	120°
IP	IP20	IP20	IP20	IP20
Life	50,000 hours	50,000 hours	50,000 hours	50,000 hours
DF	≥0.7	≥0.7	≥0.7	≥0.9
Base	G13	G13	G13	None
Ra	≥80	≥80	≥80	≥80
COB SMD	SMD	SMD	SMD	SMD
Chips	EPISTAR	EPISTAR	EPISTAR	EPISTAR
Driver	NOORCO	NOORCO	NOORCO	NOORCO
Material	Alum+PC	Alum+PC	Alum+PC	Alum+PC

Specifications	NR-AL103-30	NR-AL103-40	NR-AL103-44
image			
Wattage	30W	40W	44W
V · Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
lm	2700lm	3600lm	3960lm
CCT	3000-4000-6500K	3000-4000-6500K	3000-4000-6500K
Beam Angle	120°	120°	120°
IP	IP40	IP40	IP40
Life	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 MEAN WELL	NOORCO MW MEAN WELL	NOORCO MW MEAN WELL
Material	Alum+PMMA	Alum+PMMA	Alum+PMMA

# Lamp Frame

## مجموعة الفريمات



NR-FR101



NR-FR102



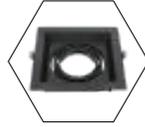
NR-FR104



NR-FR105



NR-SURFACE-200



NR-BG102

### -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 :-** يأتي المنتج بعدد مقاسات واشكال 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.

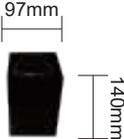
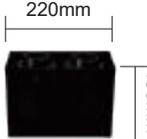
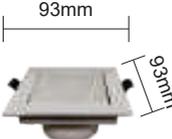


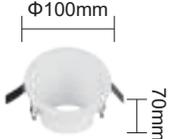
Specifications	NR-FR101-70-W-IP44	NR-FR101-70	NR-FR102-70	NR-FR102-100	NR-FR113-W
image					
IP	IP44	IP20	IP20	IP20	IP20
	70mm	70mm	70mm	100mm	90mm
Frame Color	White/Black	White/Black/ Gold/Silver	White/Black	White/Black	White/Black
Fitting Lamp	MR16	MR16	MR16	MR16	MR16
Material	Alum	Alum	Alum	Alum	Alum

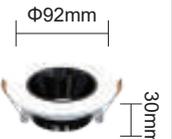
Specifications	NR-FR103-70	NR-FR103-SQ-70	NR-FR104-70	NR-FR104-SQ-70	NR-TRM113
image					
IP	IP20	IP20	IP20	IP20	IP20
	70mm	70mm	70mm	70mm	90mm
Frame Color	White/Black	White/Black	White/Black	White/Black	White/Black
Fitting Lamp	MR16	MR16	MR16	MR16	MR16
Material	Alum	Alum	Alum	Alum	Alum

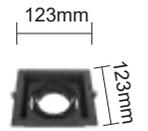
Specifications	NR-REF101-AG	NR-REF101-BK	NR-REF101-CH	NR-REF102-100-AG
image				
IP	IP20	IP20	IP20	IP20
	None	None	None	None
Frame Color	Gray	Black	Silver	White/Black
Fitting Lamp	MR16	MR16	MR16	MR16
Material	Alum	Alum	Alum	Alum

Specifications	NR-FR104-140	NR-FR104SQ-140	NR-FR104-200	NR-FR104SQ-200
image				
IP	IP20	IP20	IP20	IP20
	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

Specifications	NR-FR105-MR16-1	NR-FR105-MR16-2	NR-FR105-SQ-75	NR-FR105-70
image				
IP	IP20	IP20	IP20	IP20
	None	None	75*75mm	70mm
Frame Color	Black/White	Black/White	Black/White	Black/White
Fitting Lamp	MR16	MR16	MR16	MR16
Material	Alum	Alum	Alum	Alum+PC

Specifications	NR-FR112-85-W	NR-FR112-85-SQ-W	NR-FR112-85-BK	NR-FR112-85-SQ-BK
image				
IP	IP20	IP20	IP20	IP20
	90mm	90*90mm	90mm	90*90mm
Frame Color	White	White	Black	Black
Fitting Lamp	MR16	MR16	MR16	MR16
Material	Alum	Alum	Alum	Alum

Specifications	NR-FR107-70	NR-FR107-100	NR-FR107-140	NR-FR107-140-Anti
image				
IP	IP20	IP20	IP20	IP20
	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

Specifications	NR-BG102-FRAME-1	NR-BG102-FRAME-2	NR-BG102-FRAME-3
image			
IP	IP20	IP20	IP20
	100*100mm	100*200mm	100*280mm
Frame Color	Black/White	Black/White	Black/White
Socket	MR16*1	MR16*2	MR16*3
Material	Alum	Alum	Alum

Specifications	NR-BG102-FRAME-1-Anti	NR-BG102-FRAME-2-Anti	NR-BG102-FRAME-3-Anti
image			
IP	IP20	IP20	IP20
	100*100mm	100*200mm	100*280mm
Frame Color	Black/White	Black/White	Black/White
Fitting Lamp	MR16*1	MR16*2	MR16*3
Material	Alum	Alum	Alum

Specifications	NR-BG105-FRMAE-1	NR-BG105-FRMAE-2	NR-BG105-FRMAE-3
image			
IP	IP20	IP20	IP20
	90*90mm	90*168mm	90*255mm
Frame Color	Black/White	Black/White	Black/White
Fitting Lamp	MR16*1	MR16*2	MR16*3
Material	Alum	Alum	Alum

Specifications	NR-BG104-FRAME-1	NR-BG104-FRAME-2	NR-BG104-FRAME-3
image			
IP	IP20	IP20	IP20
	160*160mm	160*310mm	160*460mm
Frame Color	Black/White	Black/White	Black/White
Socket	AR111*1	AR111*2	AR111*3
Material	Alum	Alum	Alum

Specifications	NR-BG106-FRAME-1	NR-BG106-FRAME-2	NR-BG106-FRAME-3
image			
IP	IP20	IP20	IP20
	150*150mm	150*300mm	150*450mm
Frame Color	Black/White	Black/White	Black/White
Fitting Lamp	AR111*1	AR111*2	AR111*3
Material	Alum	Alum	Alum

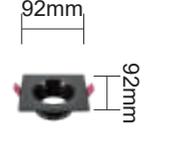
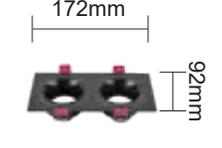
Specifications	NR-FR109-SURFACE	NR-FR109-SURFACE-SQ	NR-FR111	NR-FR111-SQ
image				
IP	IP20	IP20	IP20	IP20
	None	None	∅75mm	75*75mm
Frame Color	Black/White	Black/White	Black/White	Black/White
Fitting Lamp	MR16	MR16	MR16	MR16
Material	Alum	Alum	PC	PC

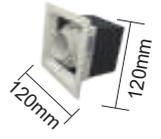
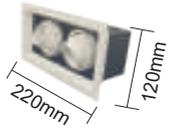
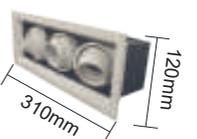
Specifications	NR-BG108-1	NR-BG108-2	NR-SP101-1	NR-SP101-2	NR-SP101-3
image					
IP	IP20	IP20	IP20	IP20	IP20
	85*85mm	152*82mm	None	None	None
Frame Color	Black/White	Black/White	White/Black	White/Black	White/Black
Fitting Lamp	MR16*1	MR16*2	MR16*1	MR16*2	MR16*3
Material	PC	PC	Alum	Alum	Alum

Specifications	NR-SURFACE-MR16	NR-SURFACE-MR16-SQ	NR-SURFACE-AR111	NR-SURFACE-AR111-SQ
image				
IP	IP20	IP20	IP20	IP20
	None	None	None	None
Frame Color	White/Black	White/Black	White/Black	White/Black
Fitting Lamp	MR16	MR16	AR111	AR111
Material	Iron	Iron	Iron	Iron

Specifications	NR-SURFACE-200	NR-SURFACE-200-SQ	NR-SURFACE-230
image			
IP	IP20	IP20	IP20
	None	None	None
Frame Color	White/Black	White/Black	White/Black
Fitting Lamp	30W/60W DownLight	AR111	80W DownLight
Material	Iron	Iron	Iron

Specifications	NR-REF108	NR-REF108-SQ	NR-REF109	NR-REF109-SQ
image				
IP	IP20	IP20	IP20	IP20
	None	None	None	None
Frame Color	Black/Plating Black/Chrome	Black/Plating Black/Chrome	Black/White/Plating Black	Black/White/Plating Black
Fitting Lamp	MR16	MR16	MR16	MR16
Material	PC	PC	PC	PC

Specifications	NR-BG110-1-BK	NR-BG110-2-BK	NR-BG110-3-BK
image			
IP	IP20	IP20	IP20
	φ76mm	150*76mm	235*76mm
Frame Color	Black/White	Black/White	Black/White
Fitting Lamp	MR16*1	MR16*2	MR16*3
Material	PC	PC	PC

Specifications	NR-BG107-FRAME-1	NR-BG107-FRAME-2	NR-BG107-FRAME-3
image			
IP	IP20	IP20	IP20
	100*100mm	100*200mm	100*290mm
Frame Color	White/Black	White/Black	White/Black
Fitting Lamp	MR16*1	MR16*2	MR16*3
Material	Alum	Alum	Alum

Specifications	NR-BG109-1	NR-BG109-2	NR-FR108	NR-FR108-SQ
image				
IP	IP20	IP20	IP20	IP20
	80*80mm	165*80mm	φ77mm	77*77mm
Frame Color	Black/White	Black/White	Black/White	Black/White
Fitting Lamp	MR16*1	MR16*2	MR16*1	MR16*1
Material	Alum	Alum	Alum	Alum

## LED Blub Light Energizer

مجموعة لمبات الليد انرجايزر



S14580



S14587



S14598



S14600



S14605



S14608

### -مميزات المنتج:

- جودة عالية وضمان اعلى درجة من التدرج اللوني .
- بدون وميض مما يجعله غير مؤذى للعين .
- 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 offices,restaurants,shops,and indoor lighting purposes.



Specifications	S14580	S14587	S14589
image			
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
Life	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
Driver	<i>Energizer</i>	<i>Energizer</i>	<i>Energizer</i>
Material	Alum+PC	Alum+PC	Alum+PC

Specifications	S14592	S14594	S14595
image			
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
Life	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
Driver	<i>Energizer</i>	<i>Energizer</i>	<i>Energizer</i>
Material	Alum+PC	Alum+PC	Alum+PC

Specifications	S14596	S14598	S14600
image			
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
hours	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	COB	COB
Driver	<i>Energizer</i>	<i>Energizer</i>	<i>Energizer</i>
Material	Alum+PC	Alum+Glass	Alum+Glass

Specifications	S14605	S14608	S14609
image			
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
hours	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	COB	COB	COB
Driver	<i>Energizer</i>	<i>Energizer</i>	<i>Energizer</i>
Material	Alum+PC	Alum+Glass	Alum+Glass

## Pendant Lamp

مجموعة الانارات المعلقة



NR-101A



NR-101B



NR-101C



NR-102A



NR-102B

### -مميزات المنتج :

- يتميز المنتج بسهولة فك وتركيب اللامبات وتغيير الوان الإضاءة .
- المنتج مصنوع من الألومنيوم وباتي بعدة الوان ليناسب كافة الأماكن .

### -أماكن الاستخدام:

- يستخدم المنتج في أغراض الانارة الداخلية حيث يمكن استخدامه بالمنزل والمطاعم والمكاتب
- وأغراض 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:

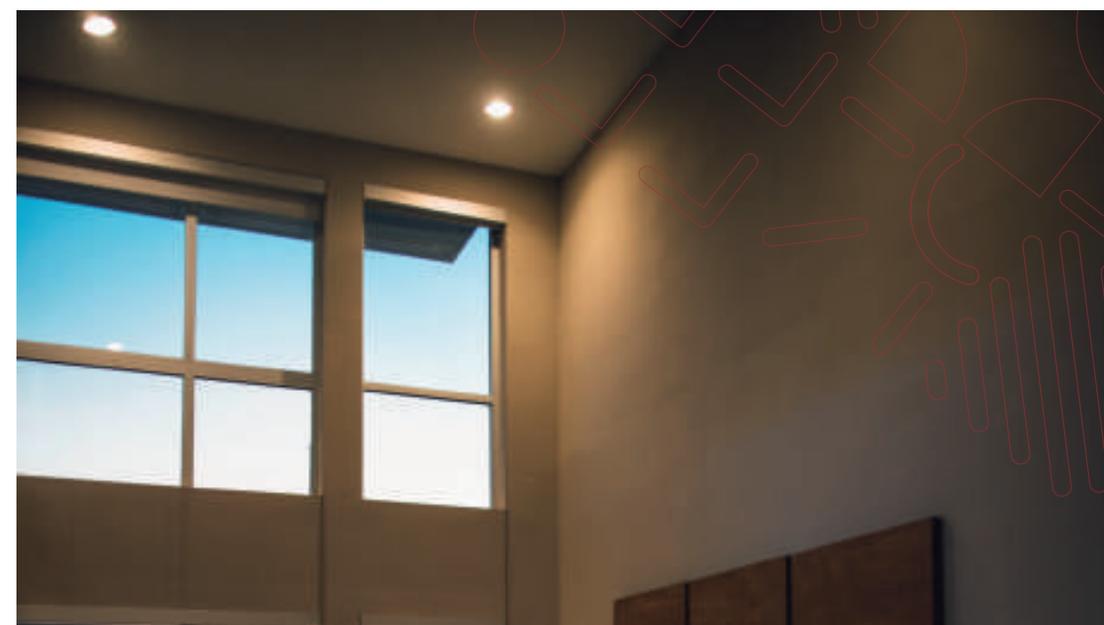
The product is used for interior lighting purposes, as it can be used in homes, restaurants, offices and interior lighting purposes.



Specifications	NR-102AE27-QG	NR-101BE27-JG	NR-101CE27-JG
image			
IP	IP20	IP20	IP20
Installation	Ceiling	Ceiling	Ceiling
Frame Color	Tan	Gold	Gold
Socket	E27	E27	E27
Material	Alum	Alum	Alum

Specifications	NR-101C-L	NR-102A-L	NR-102A-QG
image			
IP	IP20	IP20	IP20
Installation	None	None	None
Frame Color	Silver	Silver	Tan
Socket	E27	E27	E27
Material	Alum	Alum	Alum

Specifications	NR-102AE27-JG	NR-102BE27-QG	NR-102B-MGJ
image			
IP	IP20	IP20	IP20
Installation	Ceiling	Ceiling	Ceiling
Frame Color	Chrome	Tan	Copper
Socket	E27	E27	E27
Material	Alum	Alum	Alum



## 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 with NOORCO SCR dimmer switch, with a maximum of 50W light source

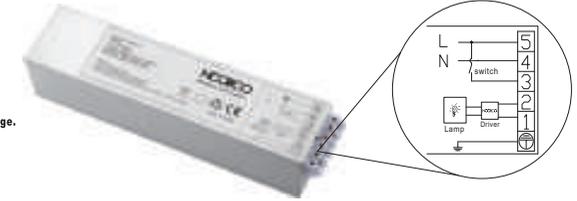
## LED RGB Strip Control



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



### Features:

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



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

The table represents the power specifications of the corresponding series.

## درجة حرارة اللون (Color Temperature)

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.

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



## زاوية الشعاع (The beam angle)

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

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



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.

## اللومن (Lumen)

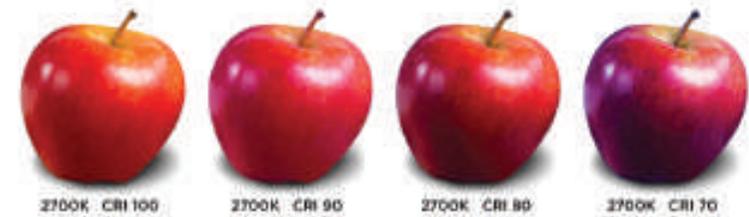
هي وحدة قياس الفيض الضوئي وتعد وسيلة لمقارنة اقتصادية بين أنواع اللمبات المختلفة وتعني أن كلفة التيار الكهربائي المارة في لمبة وما تنتجه اللمبة من شدة الإضاءة .



## معامل إظهار اللون (CRI)

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).

هو مقياس كمي 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 الطبيعي (الشمس) = 100 (CRI=100).



## الواط Watt :

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 8·W halogen lamp consumes 8· watts hourly, while 80W LED lamp consumes 80 watts hourly, i.e., the halogen lamp consumes eight times the consumption of the LED lamp and gives the same luminous intensity.

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 وحدة لقياس القدرة الكهربائية ويرمز لها بالرمز "W" ويعتبر الواط أحد طرق مقارنة إقتصادية للمبات حيث يعبر الواط للمبة عن ما تقوم للمبة 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 تستهلكه اللمبة LED والتي تعطي نفس شدة الإضاءة

## العمر الافتراضي Life span :

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

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

$$\frac{\text{العمر الافتراضي للمصباح}}{\text{عدد ساعات العمل اليومي} \times \text{عدد أيام العمل السنوي}} = \text{عدد سنوات العمل} = \text{Work years}$$

## 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:

الأجسام الصلبة		المواد السائلة	
درجة مقاومة الجهاز للأجسام الصلبة Degree of protection against solid objects		درجة مقاومة الجهاز للماء Degree of protection against water	
No Protection	لا توجد حماية	No Protection	لا توجد حماية
Protected against a solid object greater than 50mm, such as a hand	حماية من الأجسام الصلبة الأكبر من 50 ملم ، مثل اليد	Protected against water drops	حماية من قطرات الماء الساقطة عمودياً على الجهاز
Protected against a solid object greater than 12.5mm, such as a finger	حماية من الأجسام الصلبة الأكبر من 12.5 ملم ، مثل الأصابع	Protected against water drops at a 15 degree angle	حماية من قطرات الماء الساقطة عمودياً على جهاز مائل بنسبة 15 درجة
Protected against a solid object greater than 2.5mm, such as a wire	حماية من الأجسام الصلبة الأكبر من 2.5 ملم ، مثل السلك	Protected against water spray at 60 degree angle	حماية من رش المياه الموجه على الجهاز بزاوية 60 درجة
Protected against a solid object greater than 1.0mm, such as a thin strap	حماية من الأجسام الصلبة الأكبر من 1 ملم مثل الشفرة	Protected against water splashing from any angle	حماية من رش المياه الموجه على الجهاز بأي زاوية
Dust Protected prevents ingress of dust sufficient to cause harm	حماية محدودة من الأتربة، يمكن دخولها ولكن ليعطل الجهاز	Protected against water jets from any angle	حماية من دفع المياه القوي على الجهاز بأي زاوية
Dust tight no ingress of dust	حماية كاملة من الأتربة والأجسام الصلبة	Protected against powerful water jets and heavy seas	حماية من دفع المياه القوي وأمواج البحر
<b>Example:</b>	<b>مثال تطبيقي</b>	Protected against the effects of temporary submersion in water (feet 3 30 minutes at )	حماية من غطس الجهاز مؤقتاً تحت الماء 30 دقيقة عند 3 قدم حد أقصى
Protected against water splashing from any angle Dust Protected prevents ingress of dust sufficient to cause harm	حماية من رش المياه الموجه على الجهاز بأي زاوية حماية محدودة من الأتربة، يمكن دخولها ولكن ليعطل الجهاز	Protected against the effects of permanent submersion in water (feet 13 Up to )	حماية كاملة لغطس الجهاز تحت الماء حتى 13 قدم - 4 أمتار

Symbols in tables	صورة الرمز	الرموز بالجداول
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
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 الافتراضي
Power Factor		معامل القدرة

decorative lighting	الإضاءة الديكورية
Pendants & chandeliers	Wall Light & Bollard LIGHT & Stair LIGHT
	
	