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LED Lighting
Product Catalogue 2014
www.nge-led.com



Shop LED Lighting



Office LED Lighting



Commercial LED lighting



Industrial LED lighting

Shenzhen NGE Technology Co., Ltd
NGE Technology (Hong Kong) Limited

LED Lighting Specialist



COMPANY PROFILE

NGE Technology Limited is a professional indoor LED lighting manufacturer and solutions provider. We are specialized in the LED shop light, LED tube, LED panel, LED downlight, LED high bay and LED flood light.

We have more than 120 experienced workers, 15 persons' R&D team and more than 8000 square workshop. It is equipped with auto SMT machines, reflow-soldering machine, integrating sphere and goniophotometers machine, etc.

We have endeavors to develop new LED lighting products, our expert R&D team have abundant knowledge of electronic technology, structure technology, thermal management as well as optics design. All of our products are CE certificated and RoHS compliant, and our LED shop light are SAA and C Tick approved.

We have successfully achieved over 50% annual growth in the turnover in the past 3 years. Let's work together to devote to the new, green and eco-friendly cause for the world.

CORPORATE CULTURE

Values

Sincerity, Enterprise, Cooperation, Innovation.

Vision

To be a leader of the green, energy-saving, eco-friendly industry.

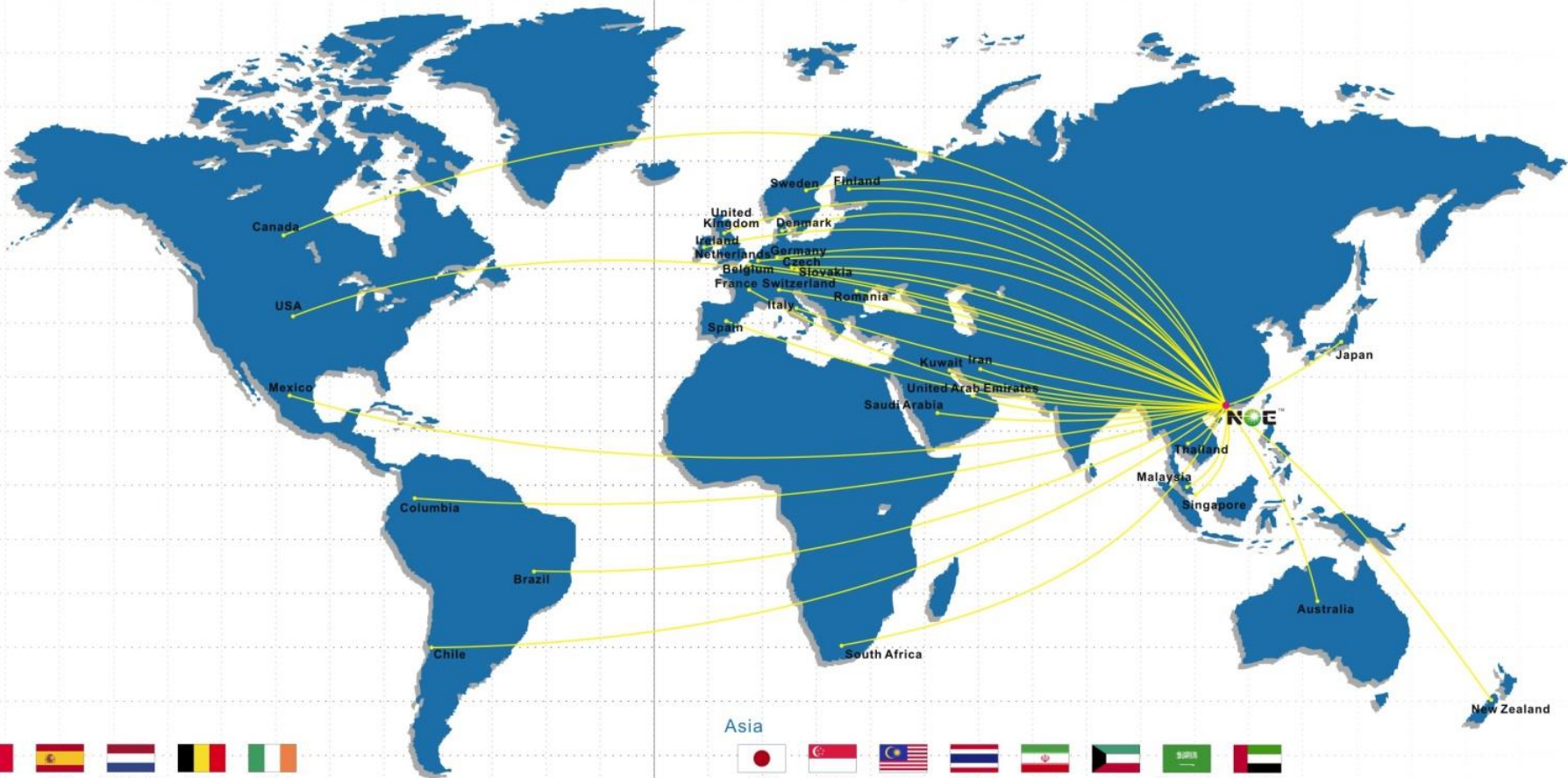
Mission

To provide green, energy-saving, eco-friendly products,
recover the green earth, improve the quality of human life.

Operation Philosophy

To create customers' value,
realize staff's dream,
enhance enterprise's value.

NGE GLOBAL SALES NETWORKS



- Europe
- | | | | | | | | |
|--|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |
| United Kingdom | France | Germany | Italy | Spain | Netherlands | Belgium | Ireland |
|  |  |  |  |  |  |  | |
| Sweden | Finland | Denmark | Switzerland | Czech | Slovakia | Romania | |
- North America
- | | |
|--|---|
|  |  |
| USA | Canada |
- Latin America
- | | | | |
|--|---|---|---|
|  |  |  |  |
| Brazil | Columbia | Chile | Mexico |

- Asia
- | | | | | | | | |
|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |
| Japan | Singapore | Malaysia | Thailand | Iran | Kuwait | Saudi Arabia | United Arab Emirates |
- Oceania
- | | |
|---|---|
|  |  |
| Australia | New Zealand |
- Africa
- | |
|---|
|  |
| South Africa |

CERTIFICATIONS



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SHOP LED LIGHTING

NGE LED Shop Light (Rectangular LED Downlight and Adjustable LED Downlight) is the ideal replacement for the conventional HID shop light, energy-saving above 60%. Designed with beautiful and advanced heat dissipation structure, used high brightness Samsung SMD LED or Bridgelux COB LED and super constant current driver, they become most popular LED Shop Light in the market.

Application: Shop, Super Market, Store Mall, Hotel, Show Room, Museum, etc.



Rectangular
LED downlight



Adjustable
LED downlight



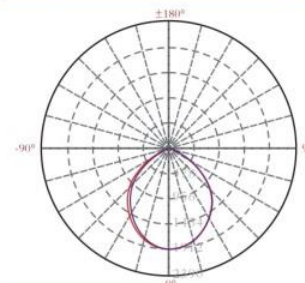
Rectangular LED Downlight

>>Features

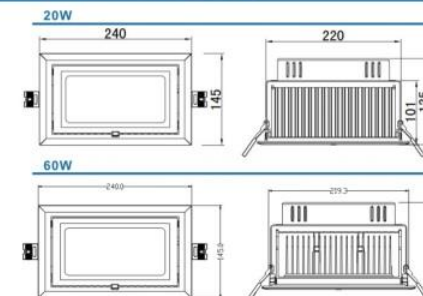
1. High Lumen Samsung LED, 100lm/w for whole lighting, CRI >80; Bridgelux COB LED.
2. Excellent Driver wide AC100V~240V, PF>0.90, low THD<15%.
3. Ultra-low light degradation, compliance with the U.S. Energy Star requirements, L70>35,000hrs.
4. Good thermal structure design, the fully released, lamp life last longer than 35,000hrs.
5. Dimmable and emergency version available for choice.
6. Three years warranty, CE, RoHS, SAA and C-Tick approved.
7. Direct replacement for Philips rectangular downlight HIT-DE MBS200, QBS200, SBS200.



>>Distribution Curve



>>Physical Dimension



>>Specification

Model No.	Power	Input Voltage	Color Temperature	Luminous Flux	Size	Cutout	Power Factor	LED Brand	CRI
NGE-SMD01-RD20W	20W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	1950±100lm	240*145*135mm	227*130mm	>0.90	Samsung SMD LED	>80
NGE-SMD01-RD28W	28W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	2750±100lm	240*145*135mm	227*130mm	>0.90	Samsung SMD LED	>80
NGE-SMD01-RD38W	38W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	3700±100lm	240*145*135mm	227*130mm	>0.90	Samsung SMD LED	>80
NGE-SMD01-RD48W	48W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	4650±100lm	240*145*135mm	227*130mm	>0.90	Samsung SMD LED	>80
NGE-SMD01-RD60W	60W	AC100~277V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	5950±100lm	240*145*143mm	215*125mm	>0.90	Samsung SMD LED	>80
Model No.	Power	Input Voltage	Color Temperature	Luminous Flux	Size	Cutout	Power Factor	LED Brand	CRI
NGE-COB01-RD20W	20W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	1900±100lm	240*145*135mm	227*130mm	>0.90	Bridgelux COB LED	>75
NGE-COB01-RD28W	28W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	2450±100lm	240*145*135mm	227*130mm	>0.90	Bridgelux COB LED	>75
NGE-COB01-RD38W	38W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	3200±100lm	240*145*135mm	227*130mm	>0.90	Bridgelux COB LED	>75
NGE-COB01-RD48W	48W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	4000±100lm	240*145*135mm	227*130mm	>0.90	Bridgelux COB LED	>75
NGE-COB01-RD60W	60W	AC100~277V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	5000±100lm	240*145*143mm	215*125mm	>0.90	Bridgelux COB LED	>75

>>Application

Shop, Super Market, Store Mall, Hotel,
Show Room, Museum, etc.



20W 28W 38W 48W



60W



20W 28W 38W 48W



60W

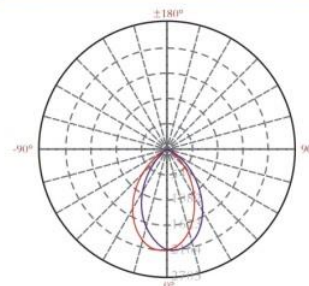
Adjustable LED Downlight

>>Features

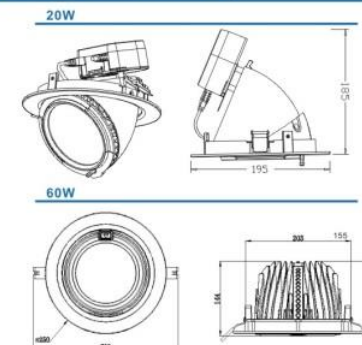
1. High Lumen Samsung LED, 100lm/w for whole lighting, CRI >80; Bridgelux COB LED.
2. Excellent Driver wide AC100V~240V, PF>0.90, low THD<15%.
3. Ultra-low light degradation, compliance with the U.S.Energy Star requirements, L70>35,000hrs.
4. Good thermal structure design, the fully released, lamp life last longer than 35,000hrs.
5. Dimmable and emergency version available for choice.
6. Three years warranty, CE, RoHS, SAA approved.
7. Direct replacement for traditional adjustable downlight, popular in shop, supermarket.



>>Distribution Curve



>>Physical Dimension



>>Specification

Model No.	Rated Power	Input Voltage	Color Temperature	Luminous Flux	Size	Cutout	Power Factor	LED Brand	CRI
NGE-SMD01-AD20W	20W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	1850±100lm	Φ195*179mm	Φ165mm-185mm	>0.90	Samsung SMD LED	>80
NGE-SMD01-AD28W	28W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	2550±100lm	Φ195*179mm	Φ165mm-185mm	>0.90	Samsung SMD LED	>80
NGE-SMD01-AD38W	38W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	3500±100lm	Φ195*179mm	Φ165mm-185mm	>0.90	Samsung SMD LED	>80
NGE-SMD01-AD48W	48W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	4750±200lm	Φ250*144mm	Φ210mm-230mm	>0.90	Samsung SMD LED	>80
NGE-SMD01-AD60W	60W	AC100~277V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	6000±200lm	Φ250*144mm	Φ210mm-230mm	>0.90	Samsung SMD LED	>80

Model No.	Rated Power	Input Voltage	Color Temperature	Luminous Flux	Size	Cutout	Power Factor	LED Brand	CRI
NGE-COB01-AD20W	20W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	1800±100lm	Φ195*179mm	Φ165mm-185mm	>0.90	Bridgelux COB LED	>75
NGE-COB01-AD28W	28W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	2400±100lm	Φ195*179mm	Φ165mm-185mm	>0.90	Bridgelux COB LED	>75
NGE-COB01-AD38W	38W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	2900±100lm	Φ195*179mm	Φ165mm-185mm	>0.90	Bridgelux COB LED	>75
NGE-COB01-AD60W	60W	AC100~277V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	4900±200lm	Φ250*144mm	Φ210mm-230mm	>0.90	Bridgelux COB LED	>75

>>Application

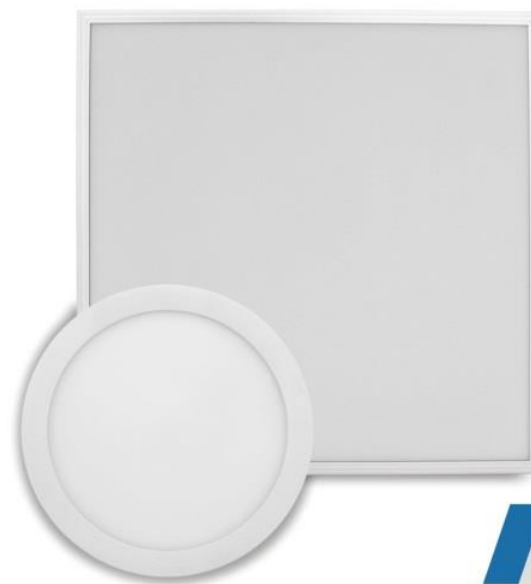
Shop, Super Market, Show Room, Hotel, Department Store, Museum, etc.

20W 28W 38W

48W 60W

20W 28W 38W

60W



LED Panel Light

— • OFFICE LED LIGHTING • —

NGE office LED lighting includes LED panel light and LED Tube light. They are the ideal replacement for the conventional fluorescent tube and grille lamp, energy-saving above 60%. With more uniform and soft light, deluxe appearance, NGE office LED lighting are very popular all over the world.

Application: Office, Meeting Room, Factory, Hotel, Store, School, Hospital, etc.



LED Tube Light

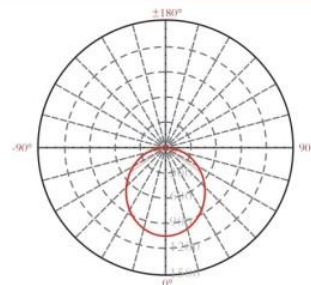
3014 SMD LED Panel Light

>>Features

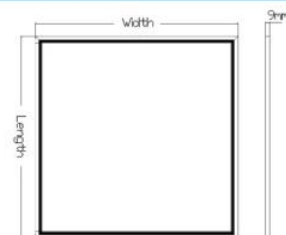
1. LED: Taiwan Epistar 3014 SMD, light efficiency of LED panel 85lm/w.
2. Driver: UL listed MOSO, Long Bright constant current drivers, PF>0.95.
3. Excellent PMMA optical light guide plate, very uniform light.
4. Patent design frame, easy installation for any application.
5. Side emitting model, super light and thickness 9mm.
6. Triac and 0-10V dimming models are available.
7. Beam angle: >110°, Ra>80, IP44 CLASS II.
8. Certificate: CE, RoHS.
9. Warranty: 3 years.



>>Distribution Curve



>>Physical Dimension



>>Specification

Model No.	Size	Input Voltage	Power	Lumen	Color Temperature	LED Type
NGE-P0606-S24W	595X595mm (600X600)	AC100-240V 50-60Hz	24W	1920-2160LM	3000k-3500k 4000k-4500k 5500k-6500k	3014 SMD
NGE-P0606-S30W	595X595mm (600X600)	AC100-240V 50-60Hz	30W	2400-2700LM	3000k-3500k 4000k-4500k 5500k-6500k	3014 SMD
NGE-P0606-S36W	595X595mm (600X600)	AC100-240V 50-60Hz	36W	2880-3240LM	3000k-3500k 4000k-4500k 5500k-6500k	3014 SMD
NGE-P0606-S48W	595X595mm (600X600)	AC100-240V 50-60Hz	48W	3840-4320LM	3000k-3500k 4000k-4500k 5500k-6500k	3014 SMD
NGE-P0606-S60W	595X595mm (600X600)	AC100-240V 50-60Hz	60W	4800-5400LM	3000k-3500k 4000k-4500k 5500k-6500k	3014 SMD
NGE-P1203-S30W	1195X295mm (1200X300)	AC100-240V 50-60Hz	30W	2400-2700LM	3000k-3500k 4000k-4500k 5500k-6500k	3014 SMD
NGE-P1203-S36W	1195X295mm (1200X300)	AC100-240V 50-60Hz	36W	2880-3240LM	3000k-3500k 4000k-4500k 5500k-6500k	3014 SMD
NGE-P1203-S48W	1195X295mm (1200X300)	AC100-240V 50-60Hz	48W	3840-4320LM	3000k-3500k 4000k-4500k 5500k-6500k	3014 SMD
NGE-P1203-S60W	1195X295mm (1200X300)	AC100-240V 50-60Hz	60W	4800-5400LM	3000k-3500k 4000k-4500k 5500k-6500k	3014 SMD
NGE-P0303-S12W	295X295mm (300X300)	AC100-240V 50-60Hz	12W	960-1080LM	3000k-3500k 4000k-4500k 5500k-6500k	3014 SMD
NGE-P0303-S18W	295X295mm (300X300)	AC100-240V 50-60Hz	18W	1440-1620LM	3000k-3500k 4000k-4500k 5500k-6500k	3014 SMD
NGE-P0303-S24W	295X295mm (300X300)	AC100-240V 50-60Hz	24W	1920-2160LM	3000k-3500k 4000k-4500k 5500k-6500k	3014 SMD
NGE-P0603-S18W	595X295mm (600X300)	AC100-240V 50-60Hz	18W	1440-1620LM	3000k-3500k 4000k-4500k 5500k-6500k	3014 SMD
NGE-P0603-S24W	595X295mm (600X300)	AC100-240V 50-60Hz	24W	1920-2160LM	3000k-3500k 4000k-4500k 5500k-6500k	3014 SMD
NGE-P0603-S30W	595X295mm (600X300)	AC100-240V 50-60Hz	30W	2400-2700LM	3000k-3500k 4000k-4500k 5500k-6500k	3014 SMD
NGE-P0606G-S36W	620X620mm (600X600) Germany Size	AC100-240V 50-60Hz	36W	2880-3240LM	3000k-3500k 4000k-4500k 5500k-6500k	3014 SMD
NGE-P0606G-S48W	620X620mm (600X600) Germany Size	AC100-240V 50-60Hz	48W	3840-4320LM	3000k-3500k 4000k-4500k 5500k-6500k	3014 SMD
NGE-P0606G-S60W	620X620mm (600X600) Germany Size	AC100-240V 50-60Hz	60W	4800-5400LM	3000k-3500k 4000k-4500k 5500k-6500k	3014 SMD
NGE-P1206-S48W	1195X595mm (1200X600)	AC100-240V 50-60Hz	48W	3840-4320LM	3000k-3500k 4000k-4500k 5500k-6500k	3014 SMD
NGE-P1206-S60W	1195X595mm (1200X600)	AC100-240V 50-60Hz	60W	4800-5400LM	3000k-3500k 4000k-4500k 5500k-6500k	3014 SMD



>>Application

Office, Meeting Room, Factory, Hotel,
Store, School, Hospital, etc.

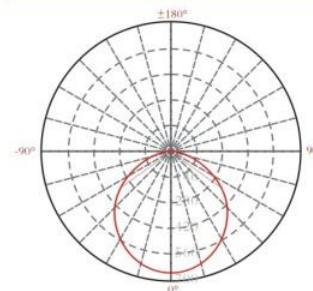
Round LED Panel Light

>>Features

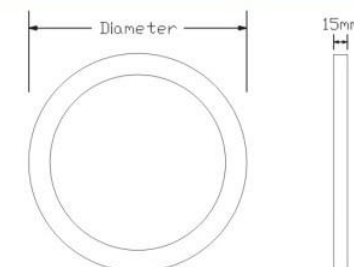
1. LED: Taiwan 3014 SMD LED, light efficiency of LED panel 85lm/w.
2. Driver: High quality constant current drivers, PF>0.95.
3. Excellent PMMA optical light guide panels, very uniform lighting.
4. Patent design frame, easy installation for any application.
5. Side emitting model, super light and thickness 15mm.
6. Beam angle: >110°, RA>75, IP42 CLASS II.
7. Certificate: CE, RoHS.
8. Warranty: 3 years.



>>Distribution Curve



>>Physical Dimension



>>Specification

Model No.	Size	Input Voltage	Power	Luminous Flux	LED Quantity	LED Type
NGE-P180-R10W	D180*15mm	AC110-240V 50-60Hz	10W	800-900lm	90	3014 SMD
NGE-P200-R15W	D200*15mm	AC110-240V 50-60Hz	15W	1200-1350lm	160	3014 SMD
NGE-P240-R18W	D240*15mm	AC110-240V 50-60Hz	18W	1440-1620lm	180	3014 SMD
NGE-P300-R24W	D300*15mm	AC110-240V 50-60Hz	24W	1920-2160lm	245	3014 SMD



>>Application

Office, Meeting Room, Factory, Hotel,
Store, School, Hospital, etc.

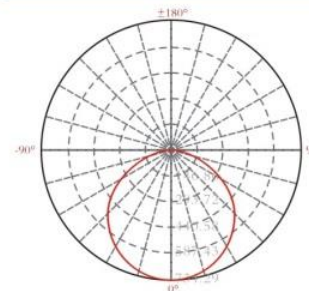
T801 Oval LED Tube Light

>>Features

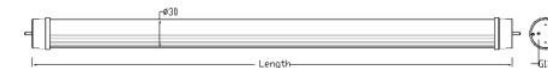
1. LED: High brightness Taiwan Epistar chip 2835 LED, light efficiency 105lm/w.
2. Super driver: High quality constant current driver, conversion efficiency above 90% and PF>0.90.
3. Thermal technology: Advanced technology with first class radiator materials.
4. Modular Structure, easy assembly and disassembly, rotatable end cap design.
5. Certificate: CE approval and RoHS compliant.
6. Warranty: 3 years.



>>Distribution Curve



>>Physical Dimension



>>Specification

Model No.	Rated Power	Input Voltage	LED Quantity	Color Temperature	Luminous Flux	Illuminance	Materials	Power Factor	Equal to traditional downlight
NGE-T801-60CM-T10W	10W	AC100~240V 50~60Hz	48pcs 2835 SMD	3000k-3500k 4000k-4500k 5500k-6500k	1050±100lm	1M=350lux 2M=90lux 3M=43lux	Aluminum Shell, Clear PC,	>0.9	20W
NGE-T801-60CM-M10W	10W	AC100~240V 50~60Hz	48pcs 2835 SMD	3000k-3500k 4000k-4500k 5500k-6500k	900±100lm	1M=236lux 2M=75lux 3M=36lux	Aluminum Shell, Frosted PC,	>0.9	20W
NGE-T801-120CM-T18W	18W	AC100~240V 50~60Hz	96pcs 2835 SMD	3000k-3500k 4000k-4500k 5500k-6500k	1890±100lm	1M=604lux 2M=152lux 3M=71lux	Aluminum Shell, Clear PC,	>0.9	40W
NGE-T801-120CM-M18W	18W	AC100~240V 50~60Hz	96pcs 2835 SMD	3000k-3500k 4000k-4500k 5500k-6500k	1620±100lm	1M=446lux 2M=122lux 3M=48lux	Aluminum Shell, Frosted PC,	>0.9	40W
NGE-T801-150CM-T25W	25W	AC100~240V 50~60Hz	120pcs 2835 SMD	3000k-3500k 4000k-4500k 5500k-6500k	2625±150lm	1M=830lux 2M=210lux 3M=93lux	Aluminum Shell, Clear PC,	>0.9	58W
NGE-T801-150CM-M25W	25W	AC100~240V 50~60Hz	120pcs 2835 SMD	3000k-3500k 4000k-4500k 5500k-6500k	2250±150lm	1M=586lux 2M=142lux 3M=65lux	Aluminum Shell, Frosted PC,	>0.9	58W

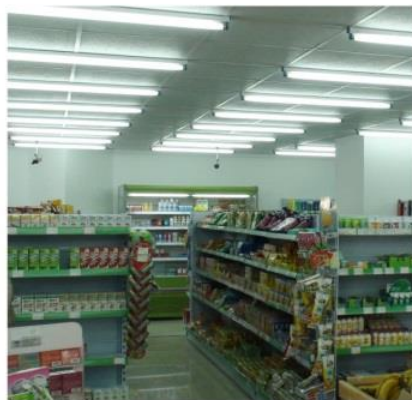
>>Application

Office, School, Meeting Room, Hotel,
Hospital, Store, Factory, etc.

T802 Round LED Tube Light

>>Features

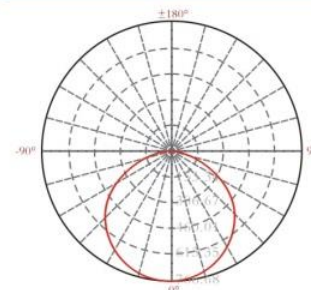
1. LED: Taiwan Epistar 2835 LED, CRI>80, light efficiency of tube 115lm/w.
2. Super driver: Conversion efficiency above 90% and PF>0.90.
3. Thermal technology: Advanced technology with first class radiator materials.
4. Modular Structure: Modular design, easy assembly and disassembly.
5. Certificate: CE approval and RoHS compliant.
6. Warranty: 3 years.



>>Application

Office, School, Meeting Room, Hotel,
Hospital, Store, Factory, etc.

>>Distribution Curve

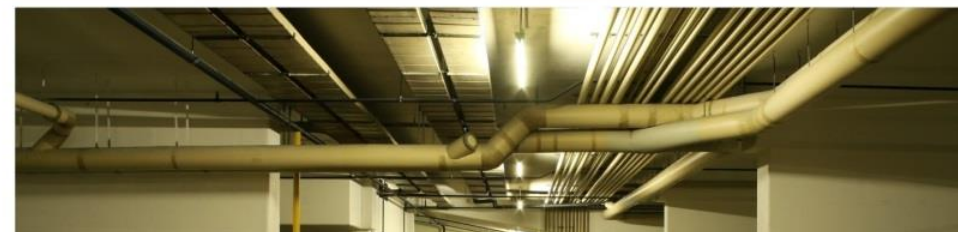


>>Physical Dimension



>>Specification

Model No.	Rated Power	Input Voltage	LED Quantity	Color Temperature	Luminous Flux	Illuminance	Materials	Power Factor	Equal to traditional downlight
NGE-T802-60CM-T10W	10W	AC170~265V 50~60Hz	60pcs	3000k-3500k 4000k-4500k 5500k-6500k	1150±100lm	1M=383lux 2M=99lux 3M=47lux	Aluminum& Clear PC	>0.90	20W
NGE-T802-60CM-M10W	10W	AC170~265V 50~60Hz	60pcs	3000k-3500k 4000k-4500k 5500k-6500k	980±100lm	1M=259lux 2M=82lux 3M=39lux	Aluminum& Frosted PC	>0.90	20W
NGE-T802-90CM-T14W	14W	AC170~265V 50~60Hz	72pcs	3000k-3500k 4000k-4500k 5500k-6500k	1610±100lm	1M=514lux 2M=132lux 3M=58lux	Aluminum& Clear PC	>0.90	30W
NGE-T802-90CM-M14W	14W	AC170~265V 50~60Hz	72pcs	3000k-3500k 4000k-4500k 5500k-6500k	1370±100lm	1M=359lux 2M=97lux 3M=41lux	Aluminum& Frosted PC	>0.90	30W
NGE-T802-120CM-T18W	18W	AC170~265V 50~60Hz	120pcs	3000k-3500k 4000k-4500k 5500k-6500k	2070±100lm	1M=661lux 2M=167lux 3M=75lux	Aluminum& Clear PC	>0.90	40W
NGE-T802-120CM-M18W	18W	AC170~265V 50~60Hz	120pcs	3000k-3500k 4000k-4500k 5500k-6500k	1760±100lm	1M=466lux 2M=127lux 3M=53lux	Aluminum& Frosted PC	>0.90	40W
NGE-T802-120CM-T20W	20W	AC170~265V 50~60Hz	120pcs	3000k-3500k 4000k-4500k 5500k-6500k	2300±100lm	1M=736lux 2M=184lux 3M=84lux	Aluminum& Clear PC	>0.90	40W
NGE-T802-120CM-M20W	20W	AC170~265V 50~60Hz	120pcs	3000k-3500k 4000k-4500k 5500k-6500k	1960±100lm	1M=512lux 2M=138lux 3M=59lux	Aluminum& Frosted PC	>0.90	40W
NGE-T802-150CM-T25W	25W	AC170~265V 50~60Hz	144pcs	3000k-3500k 4000k-4500k 5500k-6500k	2875±150lm	1M=909lux 2M=230lux 3M=102lux	Aluminum& Clear PC	>0.90	58W
NGE-T802-150CM-M25W	25W	AC170~265V 50~60Hz	144pcs	3000k-3500k 4000k-4500k 5500k-6500k	2450±150lm	1M=641lux 2M=155lux 3M=71lux	Aluminum& Frosted PC	>0.90	58W
NGE-T802-180CM-T28W	28W	AC170~265V 50~60Hz	144pcs	3000k-3500k 4000k-4500k 5500k-6500k	3220±150lm	1M=920lux 2M=258lux 3M=104lux	Aluminum& Clear PC	>0.90	70W
NGE-T802-180CM-M28W	28W	AC170~265V 50~60Hz	144pcs	3000k-3500k 4000k-4500k 5500k-6500k	2740±150lm	1M=690lux 2M=190lux 3M=82lux	Aluminum& Frosted PC	>0.90	70W
NGE-T802-240CM-T36W	36W	AC170~265V 50~60Hz	240pcs	3000k-3500k 4000k-4500k 5500k-6500k	4140±150lm	1M=978lux 2M=351lux 3M=156lux	Aluminum& Clear PC	>0.90	110W
NGE-T802-240CM-M36W	36W	AC170~265V 50~60Hz	240pcs	3000k-3500k 4000k-4500k 5500k-6500k	3530±150lm	1M=725lux 2M=259lux 3M=109lux	Aluminum& Frosted PC	>0.90	110W





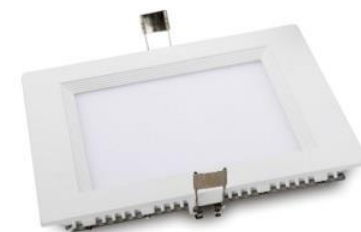
S MD 01
LED Downlight



S MD 02
LED Downlight



S MD 03
LED Downlight



S MD 04
LED Downlight

—• COMMERCIAL LED LIGHTING —•

NGE Commercial LED lighting includes LED Downlight and Spotlight. They are the ideal replacement for the conventional downlight and spotlight, energy-saving up to 70%. Designed with advanced heat dissipation technology, used high brightness LED and super driver, NGE commercial LED lighting become more and more popular in the market.

Application: Shop, Super Market, Station, Airport, Hotel, etc.

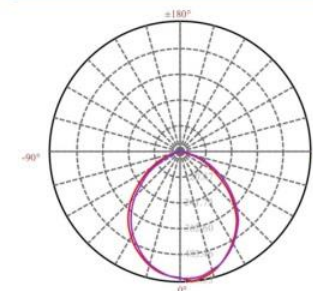
SMD 01 LED Downlight

>>Features

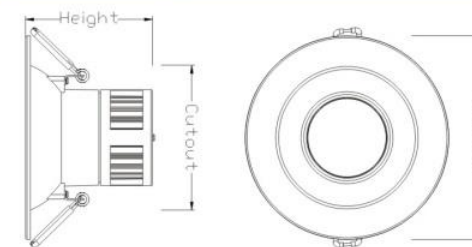
1. LED: High Brightness Epistar 5730 LED, light efficiency >100lm/w, CRI>80.
2. Excellent driver: Conversion efficiency above 85% and power factor >0.90.
3. Perfect light: Used low power SMD LED, uniform light and no flare.
4. Thermal technology: Aluminum radiator inside and PC outside.
5. Certificate: CE approval and RoHS compliant.
6. Warranty: 3 years.



>>Distribution Curve



>>Physical Dimension



>>Specification

Model No.	Rated Power	Input Voltage	Color Temperature	Luminous Flux	Size	Cutout	Power Factor	Equal to traditional downlight	LED Brand
NGE-SMD01-D6W3 (3 Inch)	5W	AC85~265V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	400±50lm	Φ125*H77mm	Φ90mm	>0.90	13W	10pcs Epistar 5730 LED
NGE-SMD01-D8W4 (4 Inch)	8W	AC85~265V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	640±50lm	Φ140*H93mm	Φ120mm	>0.90	20W	14pcs Epistar 5730 LED
NGE-SMD01-D12W5 (5 Inch)	12W	AC85~265V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	960±100lm	Φ180*H95mm	Φ150mm	>0.90	30W	24pcs Epistar 5730 LED
NGE-SMD01-D15W6 (6 Inch)	15W	AC85~265V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	1200±100lm	Φ190*H95mm	Φ170mm	>0.90	38W	36pcs Epistar 5730 LED
NGE-SMD01-D18W6 (6 Inch)	18W	AC85~265V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	1440±100lm	Φ190*H95mm	Φ170mm	>0.90	45W	36pcs Epistar 5730 LED
NGE-SMD01-D15W8 (8 Inch)	15W	AC85~265V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	1200±100lm	Φ230*H100mm	Φ200mm	>0.90	38W	36pcs Epistar 5730 LED
NGE-SMD01-D20W8 (8 Inch)	20W	AC85~265V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	1600±100lm	Φ230*H100mm	Φ200mm	>0.90	50W	48pcs Epistar 5730 LED

>>Application

Shop, Super Market, Station, Airport, Hotel, etc.

SMD02 LED Downlight

>>Features

1. LED: High Brightness Samsung LED, CRI>80, light efficiency >100lm/w.
2. Excellent driver: Conversion efficiency above 85% and PF>0.90.
3. Thermal technology: Advanced technology with first class radiator materials.
4. Perfect light: Used low power SMD LED, more even and soft light.
5. Certificate: CE approval and RoHS compliant.
6. Warranty: 3 years.



Leaf Spring



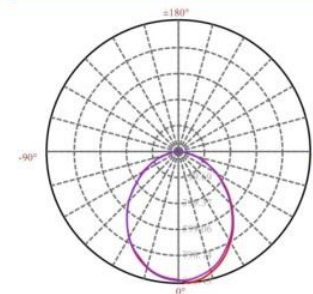
Dimming LED Downlight



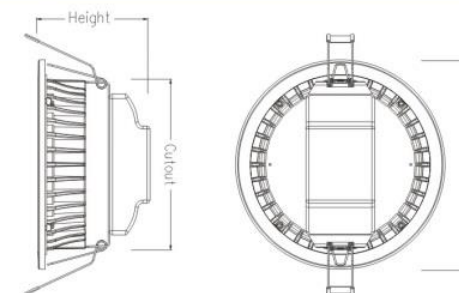
Emergency LED Downlight



>>Distribution Curve



>>Physical Dimension



>>Specification

Model No.	Rated Power	Input Voltage	Color Temperature	Luminous Flux	Illuminance	Size	Cutout	Power Factor	Equal to traditional downlight
NGE-SMD02-D10W4 (4 Inch)	10W	AC85~265V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	800±50lm	1M=510lux 2M=124lux 3M=55lux	Φ140*H80mm	Φ120mm	>0.90	25W
NGE-SMD02-D12W5 (5 Inch)	12W	AC85~265V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	960±100lm	1M=580lux 2M=150lux 3M=64lux	Φ180*H80mm	Φ150mm	>0.90	30W
NGE-SMD02-D15W5 (5 Inch)	15W	AC85~265V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	1200±100lm	1M=640lux 2M=168lux 3M=72lux	Φ180*H80mm	Φ150mm	>0.90	40W
NGE-SMD02-D15W6 (6 Inch)	15W	AC85~265V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	1200±100lm	1M=640lux 2M=168lux 3M=72lux	Φ190*H80mm	Φ170mm	>0.90	40W
NGE-SMD02-D20W6 (6 Inch)	20W	AC85~265V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	1600±100lm	1M=750lux 2M=174lux 3M=89lux	Φ190*H80mm	Φ170mm	>0.90	50W
NGE-SMD02-D25W8 (8 Inch)	25W	AC85~265V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	2000±100lm	1M=830lux 2M=208lux 3M=95lux	Φ230*H88mm	Φ200mm	>0.90	65W
NGE-SMD02-D30W8 (8 Inch)	30W	AC85~265V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	2400±100lm	1M=925lux 2M=236lux 3M=107lux	Φ230*H88mm	Φ200mm	>0.90	75W

>>Application

Shop, Super Market, Station, Airport, Hotel, etc.

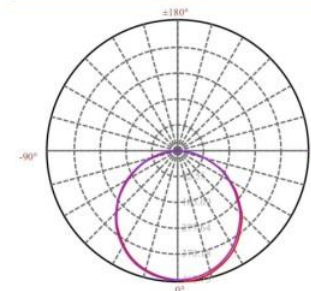
SMD 03 LED Downlight

>>Features

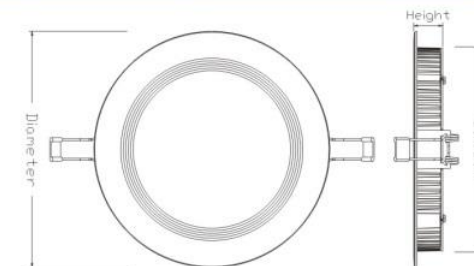
1. LED: High Brightness Epistar 2835 SMD, CRI>80, light efficiency >100lm/w.
2. Excellent driver: Conversion efficiency above 85% and PF >0.90.
3. Thermal technology: Advanced technology with first class radiator materials.
4. Perfect light: Ultra-thin casing design, super uniform and soft light.
5. Certificate: CE approval and RoHS compliant.
6. Warranty: 3 years.



>>Distribution Curve



>>Physical Dimension



>>Specification

Model No.	Rated Power	Input Voltage	Color Temperature	Luminous Flux	Size	Cutout	Power Factor	Equal to traditional downlight
NGE-SMD03-D8W4 (4 Inch)	8W	AC85~265V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	520±50lm	φ145*H18mm	φ130mm	>0.90	20W
NGE-SMD03-D12W5 (5 Inch)	12W	AC85~265V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	780±100lm	φ180*H18mm	φ160mm	>0.90	30W
NGE-SMD03-D16W8 (6 Inch)	16W	AC85~265V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	1040±100lm	φ240*H18mm	φ220mm	>0.90	40W
NGE-SMD02-D20W12 (12 Inch)	20W	AC85~265V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	1300±100lm	φ300*H18mm	φ280mm	>0.90	50W

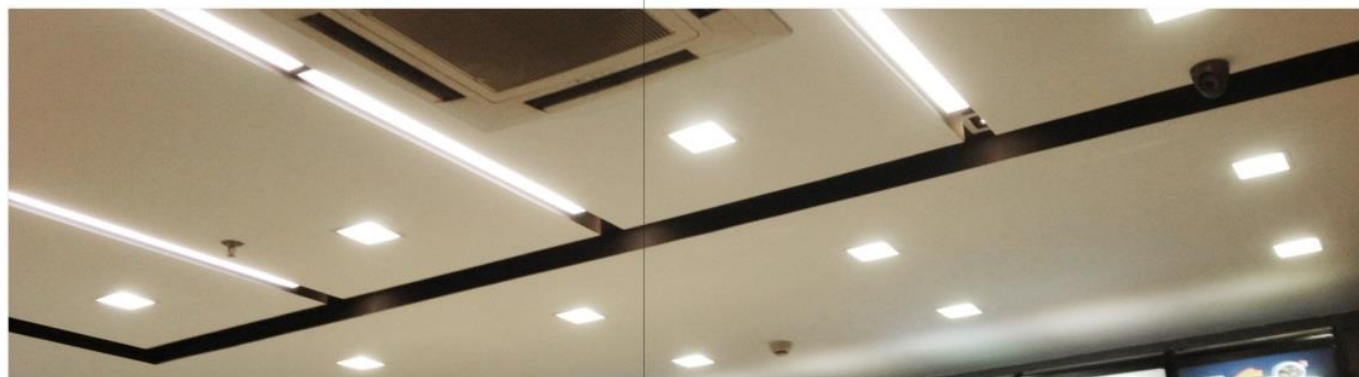
>>Application

Shop, Super Market, Station, Airport, Hotel, etc.

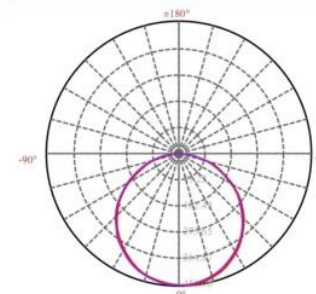
SMD 04 LED Downlight

>>Features

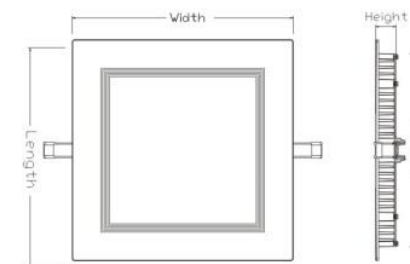
1. LED: High Brightness Samsung 5630 SMD, CRI>80, light efficiency >100lm/w.
2. Excellent driver: Conversion efficiency above 85% and PF >0.90.
3. Thermal technology: Advanced technology with first class radiator materials.
4. Perfect light: Ultra-thin casing design, super uniform and soft light.
5. Certificate: CE approval and RoHS compliant.
6. Warranty: 3 years.



>>Distribution Curve



>>Physical Dimension



>>Specification

Model No.	Rated Power	Input Voltage	Color Temperature	Luminous Flux	Size	Cutout	Power Factor	Equal to traditional downlight
NGE-SMD04-D15W6 (6 Inch)	15W	AC85~265V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	1050±50lm	200*200*H18mm	180*180mm	>0.90	36W
NGE-SMD04-D15W8 (8 Inch)	15W	AC85~265V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	1050±50lm	240*240*H18mm	220*220mm	>0.90	36W
NGE-SMD04-D18W8 (8 Inch)	18W	AC85~265V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	1260±50lm	240*240*H18mm	220*220mm	>0.90	46W
NGE-SMD04-D20W12 (12 Inch)	20W	AC85~265V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	1400±50lm	300*300*H18mm	275*275mm	>0.90	50W

>>Application

Shop, Super Market, Station, Airport,
Hotel, etc.



— • INDUSTRIAL LED LIGHTING — •

Comparing with traditional HPS or Mercury lights, NGE LED high bay lights and LED Floodlight save 50% - 65% electricity cost. Lifespan of LED high bay light and LED floodlight are 3-5 times than lifespan of HPS, metal halide and halogen light.

Application: Factory, Workshop, Shop, Gas Station, Gymnasium, Plaza, Building, Signboard, Toll-gate, etc.



LED High Bay Light



LED Flood Light

LED High Bay Light

>>Features

1. Bridgelux COB LED, high lumen and stable quality.
2. UL and TÜV CE approved driver, PF>0.95, efficiency>90%.
3. Good quality aluminum or Copper Pillar radiator materials.
4. Aluminum alloy and PC reflectors available, 45°/90°/120°.
5. Equal to metal halide or mercury lamp, energy saving 60%.
6. CE, RoHS certificate, Three years warranty.

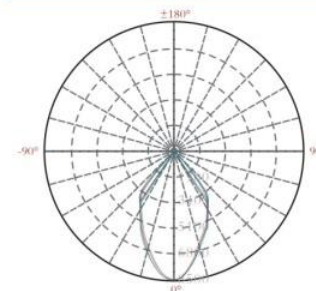


Aluminum Reflector
45°/90°/120°

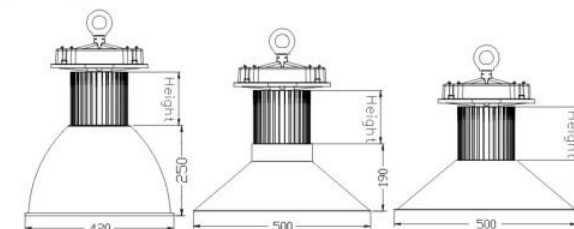


PC Reflector 45°

>>Distribution Curve



>>Physical Dimension



>>Specification

Model No.	Rated Power	Input Voltage	Color Temperature	Size	Beam Angle	Luminous Flux	Radiator Materials
NGE-HB01-30W	30W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	60mm	45°/90°/120°	2880lm±5%	Extruded Aluminum Black/Silver Color
NGE-HB01-50W	50W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	100mm	45°/90°/120°	4640lm±5%	Extruded Aluminum Black/Silver Color
NGE-HB01-80W	80W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	150mm	45°/90°/120°	7350lm±5%	Extruded Aluminum Black/Silver Color
NGE-HB01-100W	100W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	180mm	45°/90°/120°	8500lm±5%	Extruded Aluminum Black/Silver Color
NGE-HB01-120W	120W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	200mm	45°/90°/120°	10150lm±5%	Extruded Aluminum Black/Silver Color
NGE-HB01-150W	150W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	140mm	45°/90°/120°	12850lm±5%	Copper Pillar Silver Color
NGE-HB01-180W	180W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	220mm	45°/90°/120°	15450lm±5%	Copper Pillar Silver Color
NGE-HB01-200W	200W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	220mm	45°/90°/120°	17300lm±5%	Copper Pillar Silver Color

>>Application

Factory, Workshop, Warehouse, Shop,
Gas Station, Gymnasium, etc.



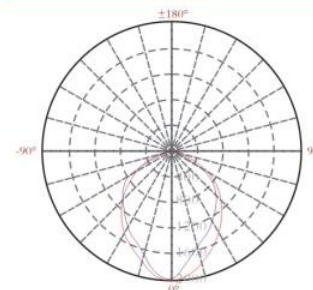
LED Flood Light

>>Features

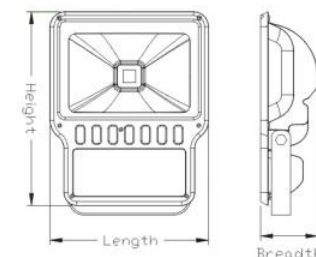
1. Bridgelux COB LED, high lumen and stable quality.
2. UL and TUV CE approved driver, PF>0.95, efficiency>90%.
3. Good quality aluminum radiator and tempered glass, IP65.
4. Equal to metal halide or mercury lamp, energy saving 60%.
5. CE, RoHS certificate.
6. Three years warranty.



>>Distribution Curve



>>Physical Dimension



>>Specification

Model No.	Rated Power	Input Voltage	Color Temperature	Size	Luminous Flux	Radiator Materials
NGE-F115-10W	10W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	86*114.5*105mm	950lm±5%	Die-casting aluminum Tempered glass
NGE-F185-20W	20W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	140*180*140mm	1840lm±5%	Die-casting aluminum Tempered glass
NGE-F225-30W	30W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	186*225*155mm	2720lm±5%	Die-casting aluminum Tempered glass
NGE-F290-50W	50W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	236*290*183mm	4480lm±5%	Die-casting aluminum Tempered glass
NGE-F360-70W	70W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	360*285*110mm	6250lm±5%	Die-casting aluminum Tempered glass
NGE-F360-80W	80W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	360*285*110mm	7050lm±5%	Die-casting aluminum Tempered glass
NGE-F400-100W	100W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	370*285*120mm	9000lm±5%	Die-casting aluminum Tempered glass
NGE-F400-120W	120W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	404*330*120mm	10600lm±5%	Die-casting aluminum Tempered glass
NGE-F400-150W	150W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	404*330*120mm	13500lm±5%	Die-casting aluminum Tempered glass
NGE-F385-120W	120W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	280*380*170mm	10600lm±5%	Die-casting aluminum Tempered glass
NGE-F425-150W	150W	AC100~240V 50~60Hz	3000k-3500k 4000k-4500k 5500k-6500k	320*420*200mm	13500lm±5%	Die-casting aluminum Tempered glass

>>Application

Plaza, Building, Signboard, Toll-gate,
Advertising Board, Gymnasium, etc.