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**NC LED**  
BRILLIANT SENSE OF LIGHT!

Distributed by :

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Excellence in LED Lighting



**Brighten UP**  
Your business with NC LED

**NC LED**  
BRILLIANT SENSE OF LIGHT!



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Product Introduction

# NC LED

BRILLIANT SENSE OF LIGHT!

## LED Signage Module

Vivid and uniform lighting  
that will make your signs illuminate  
even brighter

## LED Lighting

Directly connects to AC Voltage  
and ideal for outdoor lighting

COMPLETE  
LED SOLUTION  
FOR THE SIGN  
INDUSTRY

## Excellent Customer Service

Experienced LED professionals  
ready to provide complete  
support for your LED needs

## SMPS Power Supply

Great partner to LED modules  
with multiple wattage options

02  
03

## ABOUT US

NC LED strives to be the answer for all your needs for outdoor and indoor LED signage with confidence in energy efficiency and quality. Ever since the foundation in 2006, we have been assisting businesses with our trustworthy LED products.

NC LED took its first step in Korea. However, just within 3 years of establishment, we lucratively expanded to international markets, including American, European, and Middle Eastern countries. We proved the high standards for our products over the years, and proudly can accentuate our nearly zero defect rate thanks to fully automated production facility. We attribute our confidence in the products to our 3 operating factories and teams of highly motivated people. Each team develops and produces products that highlights their expertise. We place our modules through 3 different chamber tests: thermal resistance, low-temperature resistant, and humidity resistance to fully satisfy IP68 for all our modules.

Make a decision to brighten up your business today with NC LED.

## DISCOVER NC LED

### LED Signage Module

NC LED proudly presents selection of assorted signage modules that suits perfectly to your needs and fits any kind of price range-affordable to deluxe. All NC LED modules are guaranteed not only of their outstanding quality, but also for their vivid and uniform lighting that will make your signs illuminate even brighter.

### LED Lighting

NC LED's LED Lighting selections can endure various weather conditions, which makes them ideal for outdoor lighting. Our LED Lighting selections are long-lasting, connect directly to AC voltage for convenient installation.

### Power Supply

NC LED's power supply line comes in multiple wattage for wider range of choices, and serves as a great partner to LED modules. Our power supply line is highly efficient and incorporated with safety protection features.



# Why NC LED?

- High-quality and dependable modules that are trusted globally
- Wide range of products with varied price and performance options to satisfy any LED needs
- Strict Quality Control for products that are always reliable
- Automated production facility with nearly 0% defect rate in modules
- Every department consists of experienced professionals to provide exceptional customized service
- Fully controlled system from design to packing to ensure consistency and quality

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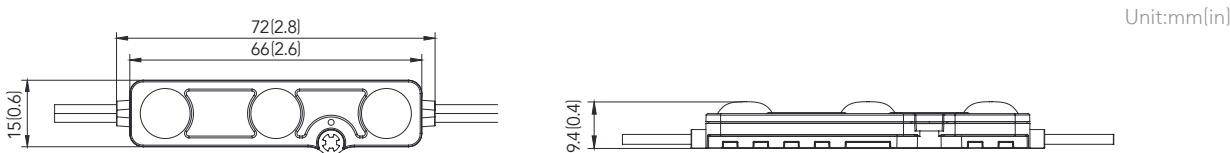
V2 ECO3S LW2 Samsung LED Series



Features

- NC LED's most cost-efficient model
- 140 degree wide angle allows the light to spread evenly and eliminates hot spots
- Ensures excellent transmittance and uniform lighting
- Specially designed durable polycarbonate cover that withstands harsh environment and protects the LED
- High luminous efficacy guaranteed up to 93 lm/W
- Easy installation with double sided 3M tape and screw holes for extra security
- IP68 Waterproof
- Approved by UL, CE, RoHS / LED provided by Samsung

Dimensions



Specifications

Model	Available Color Temp.	Viewing Angle	Input Voltage	Module/ft	Lumen/ft	Watt/ft	Watts/Module	Efficacy (lm/W)	60W Power Supply Load	Waterproof Rating
ECO3S-LW2-SS	3000K, 4000K, 6500K, 9500K	140°	12V DC	2 Modules	186 lm	2.0W	1.0W	93 lm	51 Modules	IP68
ECO3S-HW2-SS	12000K	140°	12V DC	2 Modules	224 lm	2.4W	1.2W	93 lm	42 Modules	IP68

Above specification is based on SAMSUNG 2835 6500K.



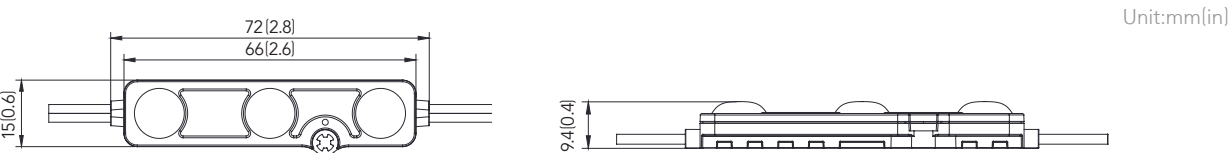
V2 ECO3S LW2 NS Series



Features

- NC LED's most cost-efficient model
- 140 degree wide angle allows the light to spread evenly and eliminates hot spots
- Ensures excellent transmittance and uniform lighting
- Specially designed durable polycarbonate cover that withstands harsh environment and protects the LED
- High luminous efficacy guaranteed up to 90 lm/W
- Easy installation with double sided 3M tape and screw holes for extra security
- IP68 Waterproof
- Approved by UL, CE, RoHS

Dimensions

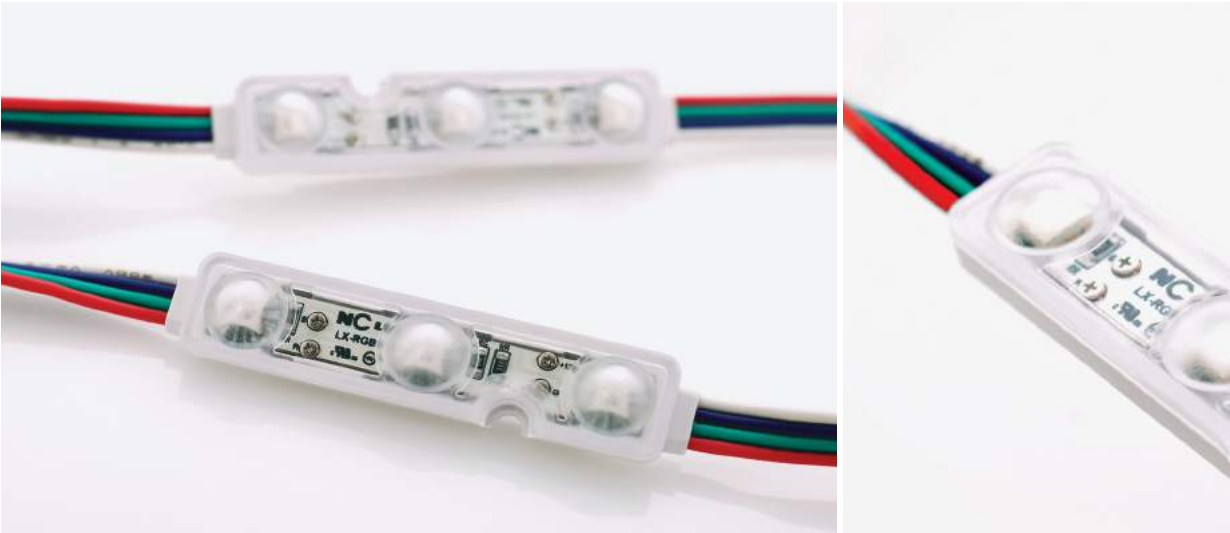


Specifications

Model	Available Color Temp.	Viewing Angle	Input Voltage	Module/ft	Lumen/ft	Watts/ft	Watts/Module	Efficacy (lm/W)	60W Power Supply Load	Waterproof Rating
ECO3S-LW2-NS 0.72W	3000K, 4000K, 6500K, 8000K, 10000K, 12000K	140°	12V DC	2 Modules	130 lm	1.44W	0.72W	90 lm	71 Modules	IP68
ECO3S-LW2-NS 1.0W		140°	12V DC	2 Modules	160 lm	2.0W	1.0W	80 lm	51 Modules	IP68
ECO3S-HW2-NS 1.2W		140°	12V DC	2 Modules	216 lm	2.4W	1.2W	90 lm	42 Modules	IP68
ECO3S-LW2-RED	620-625K	140°	12V DC	2 Modules	38 lm	1.44W	0.72W	26 lm	71 Modules	IP68
ECO3S-LW2-GREEN	520-525K	140°	12V DC	2 Modules	92 lm	1.44W	0.72W	64 lm	71 Modules	IP68
ECO3S-LW2-BLUE	460-465K	140°	12V DC	2 Modules	18 lm	1.44W	0.72W	13 lm	71 Modules	IP68
ECO3S-LW2-YELLOW	590-595K	140°	12V DC	2 Modules	24 lm	1.44W	0.72W	17 lm	71 Modules	IP68



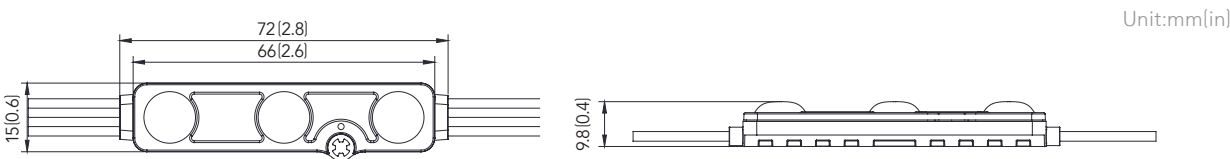
V2 RGB3 LW2



Features

- NC LED's most cost-efficient full color model
- Full color with natural color projection
- 140 degree wide angle allows the light to spread evenly and eliminates hot spots
- Ensures excellent transmittance and uniform lighting
- Specially designed durable polycarbonate cover that withstands harsh environment and protects the LED
- Easy installation with double sided 3M tape and screw holes for extra security
- P68 Waterproof
- Approved by UL, CE, RoHS

Dimensions



Specifications

Model	Available Color Temp.	Viewing Angle	Input Voltage	Module /ft	Lumen /ft	Watts /ft	Watts /Module	Efficacy (lm/W)	60W Power Supply Load	Waterproof Rating
RGB3-LW2-FUTC50	R:620-625nm G:520-525nm B:460-465nm	140°	12V DC	2 Modules	43.2lm	1.44W	0.72W	30lm	71 Modules	IP68



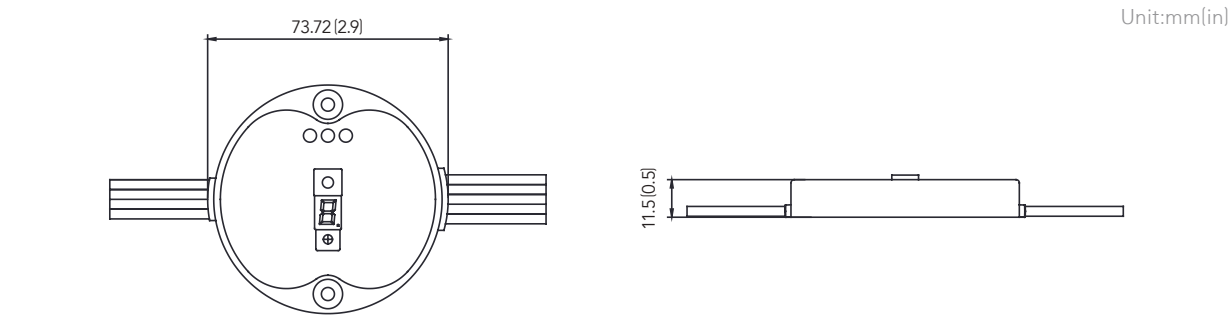
LED RGB Controller



Features

- Compact and simple design
- Provides full spectrum color selection with smooth fading
- Easily visible status through LED lamp
- Ability to pause function while displaying to showcase desired color
- Accessible with easy installation

Dimensions



Specifications

Model	Input Voltage	Current Limit	Max Output	RGB3-LW2 Max Units	Operating Temp.	Dimensions	Weight
CTM-300	12V DC	18A	216W	300 EA	-4°F ~ 140°F	L74*W70*H12mm	70g



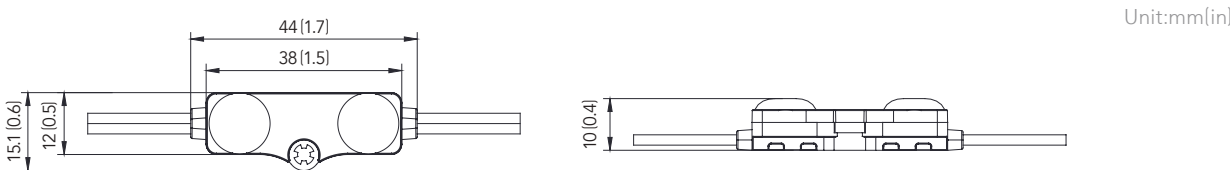
V1 ECO2S 160° Series



Features

- NC LED's high performance wide angle model
- Compact size, best suitable for smaller and shallow channel letter
- 160 degree wide angle allows the light to spread evenly and eliminates hot spots
- Ensures excellent transmittance and uniform lighting
- Specially designed durable polycarbonate cover that withstands harsh environment and protects the LED
- High luminous efficacy
- Easy installation with double sided 3M tape and screw holes for extra security
- IP68 Waterproof
- Approved by UL, CE, RoHS / LED provided by Samsung

Dimensions



Specifications

Model	Available Color Temp.	Viewing Angle	Input Voltage	Module/ft	Lumen/ft	Watts/ft	Watts/Module	Efficacy (lm/W)	60W Power Supply Load	Waterproof Rating
ECO2S-LW	3000K, 4000K 6500K, 9500K 12000K	160°	12V DC	3 Modules	150 lm	2.16W	0.72W	70 lm	71 Modules	IP68
ECO2S-HW		160°	12V DC	2.5 Modules	155 lm	2.25W	0.9W	68 lm	56 Modules	IP68
ECO2S-LW-RED	620-625K	160°	12V DC	3 Modules	39 lm	2.16W	0.72W	18 lm	71 Modules	IP68
ECO2S-LW-GREEN	520-525K	160°	12V DC	3 Modules	93 lm	2.16W	0.72W	43 lm	71 Modules	IP68
ECO2S-LW-BLUE	460-465K	160°	12V DC	3 Modules	18 lm	2.16W	0.72W	8.3 lm	71 Modules	IP68
ECO2S-LW-YELLOW	590-595K	160°	12V DC	3 Modules	24 lm	2.16W	0.72W	11 lm	71 Modules	IP68



Above specification is based on SAMSUNG 5630 6500K.

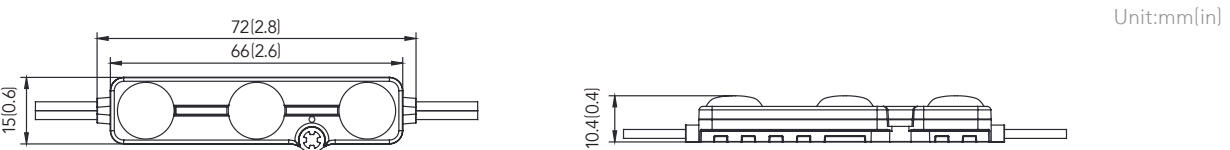
V1 ECO3S 160° Series



Features

- NC LED's high performance wide angle model
- 160 degree wide angle allows the light to spread evenly and eliminates hot spots
- Ensures excellent transmittance and uniform lighting
- Specially designed durable polycarbonate cover that withstands harsh environment and protects the LED
- High luminous efficacy
- Easy installation with double sided 3M tape and screw holes for extra security
- IP68 Waterproof
- Approved by UL, CE, RoHS / LED provided by Samsung

Dimensions



Specifications

Model	Available Color Temp.	Viewing Angle	Input Voltage	Module/ft	Lumen/ft	Watts/ft	Watts/Module	Efficacy (lm/W)	60W Power Supply Load	Waterproof Rating
ECO3S-LW	3000K, 4000K 6500K, 9500K 12000K	160°	12V DC	2 Modules	150 lm	1.44W	0.72W	104 lm	71 Modules	IP68
ECO3S-HW		160°	12V DC	1.5 Modules	180 lm	1.8W	1.2W	100 lm	42 Modules	IP68
ECO3S-LW-RED	620-625K	160°	12V DC	2 Modules	38 lm	1.44W	0.72W	26 lm	71 Modules	IP68
ECO3S-LW-GREEN	520-525K	160°	12V DC	2 Modules	92 lm	1.44W	0.72W	64 lm	71 Modules	IP68
ECO3S-LW-BLUE	460-465K	160°	12V DC	2 Modules	18 lm	1.44W	0.72W	13 lm	71 Modules	IP68
ECO3S-LW-YELLOW	590-595K	160°	12V DC	2 Modules	24 lm	1.44W	0.72W	17 lm	71 Modules	IP68



Above specification is based on SAMSUNG 5630 6500K.

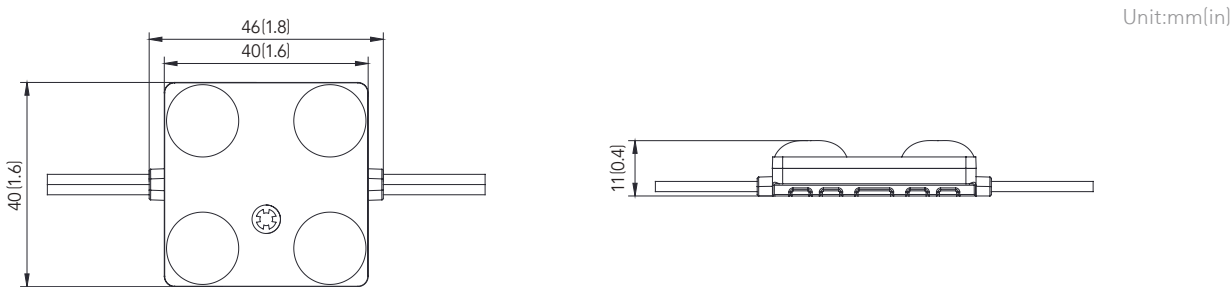
## V1 ECO4 160° Series



### Features

- NC LED's high performance wide angle model
- Higher luminous flux per module allows larger coverage with fewer modules
- 160 degree wide angle allows the light to spread evenly and eliminates hot spots
- Ensures excellent transmittance and uniform lighting
- Specially designed durable polycarbonate cover that withstands harsh environment and protects the LED
- High luminous efficacy
- Easy installation with double sided 3M tape and screw holes for extra security
- IP68 Waterproof
- Approved by UL, CE, RoHS / LED provided by Samsung

### Dimensions



### Specifications

Model	Available Color Temp.	Viewing Angle	Input Voltage	Module/ft	Lumen/ft	Watts/ft	Watts/Module	Efficacy (lm/W)	60W Power Supply Load	Waterproof Rating
ECO4-LW	3000K, 4000K, 6500K, 9500K	160°	12V DC	2 Modules	200 lm	2.88W	1.44W	70 lm	35 Modules	IP68
ECO4-HW	12000K	160°	12V DC	2 Modules	248 lm	3.6W	1.8W	68 lm	28 Modules	IP68



Above specification is based on SAMSUNG 5630 6500K.

## V1 HLC 160° Series

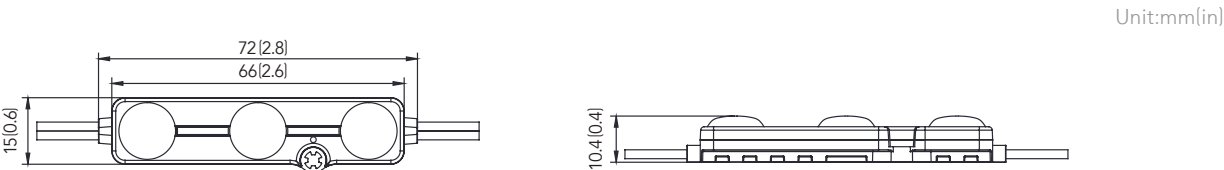
Most preferred by LED professionals,  
NC LED's Premium Constant Current model.



### Features

- NC LED's Constant Current drive with high energy efficiency
- Module with the highest brightness while maintaining the full vibrancy up to 10" depth
- 160 degree wide angle allows the light to spread evenly and eliminates hot spots
- Ensures excellent transmittance and uniform lighting
- Specially designed durable polycarbonate cover that withstands harsh environment and protects the LED
- High luminous efficacy
- Easy installation with double sided 3M tape and screw holes for extra security
- IP68 Waterproof
- Approved by UL, CE, RoHS / LED provided by Samsung

### Dimensions



### Specifications

Model	Available Color Temp.	Viewing Angle	Input Voltage	Module/ft	Lumen/ft	Watts/ft	Watts/Module	Efficacy (lm/W)	60W Power Supply Load	Waterproof Rating
HLC2S-LW	3000K, 4000K, 6500K, 9500K, 12000K	160°	12V DC	3 Modules	150 lm	2.16W	0.72W	70 lm	71 Modules	IP68
HLC3S-LW		160°	12V DC	2 Modules	150 lm	1.44W	0.72W	104 lm	71 Modules	IP68
HLC4-LW		160°	12V DC	2 Modules	200 lm	2.88W	1.44W	70 lm	35 Modules	IP68
HLC2S-HW		160°	12V DC	2.5 Modules	155 lm	2.25W	0.9W	68 lm	56 Modules	IP68
HLC3S-HW		160°	12V DC	1.5 Modules	180 lm	1.8W	1.2W	100 lm	42 Modules	IP68
HLC4-HW		160°	12V DC	2 Modules	248 lm	3.6W	1.8W	68 lm	28 Modules	IP68



Above specification is based on SAMSUNG 5630 6500K.



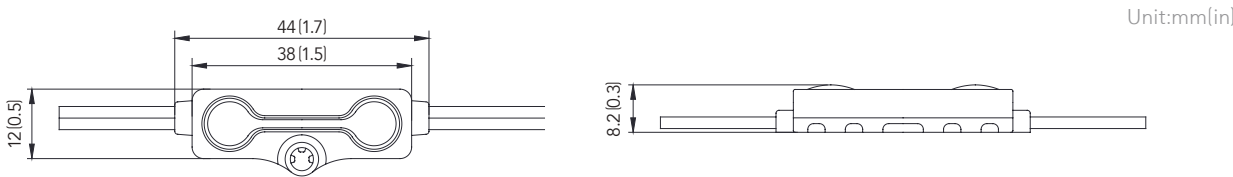
LX-ECO2S Series



Features

- NC LED's best selling model
- Best suitable for smaller and shallow channel letter
- 120 degree angle lens with compact design
- Ensures excellent transmittance and uniform lighting
- Specially designed durable polycarbonate cover that withstands harsh environment and protects the LED
- High luminous efficacy
- Easy installation with double sided 3M tape and screw holes for extra security
- IP68 Waterproof
- Approved by UL, CE, RoHS / LED provided by Samsung

Dimensions



Specifications

Model	Available Color Temp.	Viewing Angle	Input Voltage	Module/ft	Lumen/ft	Watts/ft	Watts/Module	Efficacy (lm/W)	60W Power Supply Load	Waterproof Rating
LX-ECO2S	3000K, 4000K, 6500K, 9500K	120°	12VDC	3 Modules	150lm	2.16W	0.72W	70 lm	71 Modules	IP68
LX-ECO2S-HP	12000K	120°	12VDC	3 Modules	186lm	2.7W	0.9W	68 lm	56 Modules	IP68
LX-ECO2S-RED	620-625K	120°	12VDC	3 Modules	39lm	1.44W	0.48W	27 lm	106 Modules	IP68
LX-ECO2S-GREEN	520-525K	120°	12VDC	3 Modules	78 lm	1.44W	0.48W	54.1 lm	106 Modules	IP68
LX-ECO2S-BLUE	460-465K	120°	12VDC	3 Modules	18 lm	1.44W	0.48W	12.5 lm	106 Modules	IP68
LX-ECO2S-YELLOW	590-595K	120°	12VDC	3 Modules	30 lm	1.44W	0.48W	20.8 lm	106 Modules	IP68

Above specification is based on SAMSUNG 5630 6500K.



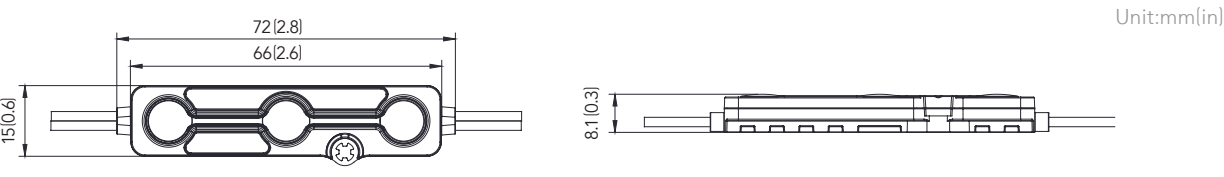
LX-ECO3S Series



Features

- NC LED's best selling model
- 120 degree angle lens with compact design
- Ensures excellent transmittance and uniform lighting
- Specially designed durable polycarbonate cover that withstands harsh environment and protects the LED
- High luminous efficacy
- Easy installation with double sided 3M tape and screw holes for extra security
- IP68 Waterproof
- Approved by UL, CE, RoHS / LED provided by Samsung

Dimensions



Specifications

Model	Available Color Temp.	Viewing Angle	Input Voltage	Module/ft	Lumen/ft	Watts/ft	Watts/Module	Efficacy (lm/W)	60W Power Supply Load	Waterproof Rating
LX-ECO3S	3000K, 4000K, 6500K, 9500K	120°	12V DC	2 Modules	150 lm	1.44W	0.72W	104 lm	71 Modules	IP68
LX-ECO3S-HP	12000K	120°	12V DC	2 Modules	240 lm	2.4W	1.2W	100 lm	42 Modules	IP68
LX-ECO3S-HP-SS2835	12000K	120°	12V DC	2 Modules	216 lm	2.4W	1.2W	90 lm	42 Modules	IP68
LX-ECO3S-RED	620-625K	120°	12V DC	2 Modules	40 lm	1.44W	0.72W	27 lm	71 Modules	IP68
LX-ECO3S-GREEN	520-525K	120°	12V DC	2 Modules	80 lm	1.44W	0.72W	56 lm	71 Modules	IP68
LX-ECO3S-BLUE	460-465K	120°	12V DC	2 Modules	18 lm	1.44W	0.72W	12 lm	71 Modules	IP68
LX-ECO3S-YELLOW	590-595K	120°	12V DC	2 Modules	30 lm	1.44W	0.72W	21 lm	71 Modules	IP68

Above specification is based on SAMSUNG 5630 6500K.





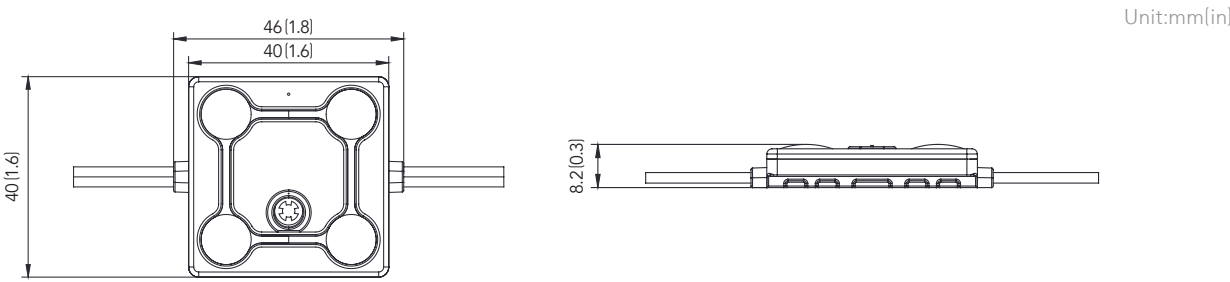
LX-ECO4 Series



Features

- NC LED's best selling model
- Higher luminous flux per module allows larger coverage with fewer modules
- 120 degree angle lens with compact design
- Ensures excellent transmittance and uniform lighting
- Specially designed durable polycarbonate cover that withstands harsh environment and protects the LED
- High luminous efficacy
- Easy installation with double sided 3M tape and screw holes for extra security
- IP68 Waterproof
- Approved by UL, CE, RoHS / LED provided by Samsung

Dimensions



Specifications

Model	Available Color Temp.	Viewing Angle	Input Voltage	Module/ft	Lumen /ft	Watts/ft	Watts/Module	Efficacy (lm/W)	60W Power Supply Load	Waterproof Rating
LX-ECO4	3000K, 4000K, 6500K, 9500K, 12000K	120°	12V DC	2 Modules	200 lm	2.88W	1.44W	70 lm	35 Modules	IP68
LX-ECO4-HP		120°	12V DC	2 Modules	248 lm	3.6W	1.8W	68 lm	28 Modules	IP68
LX-ECO4-RED	620-625K	120°	12V DC	2 Modules	52 lm	1.92W	0.96W	27 lm	53 Modules	IP68
LX-ECO4-GREEN	520-525K	120°	12V DC	2 Modules	104 lm	1.92W	0.96W	54 lm	53 Modules	IP68
LX-ECO4-BLUE	460-465K	120°	12V DC	2 Modules	24 lm	1.92W	0.96W	12.5 lm	53 Modules	IP68
LX-ECO4-YELLOW	590-595K	120°	12V DC	2 Modules	20 lm	1.92W	0.96W	20.8 lm	53 Modules	IP68



Above specification is based on SAMSUNG 5630 6500K.

LX-HLC Series

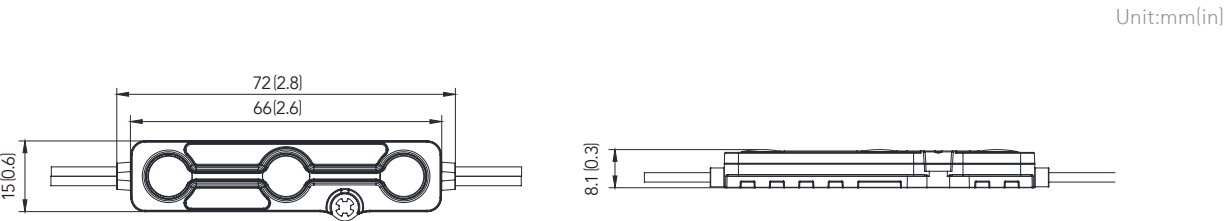
Most preferred by LED professionals,  
NC LED's Premium Constant Current model.



Features

- NC LED's Constant Current drive with high energy efficiency
- 120 degree wide angle lens that spreads light evenly for no hot spots
- Ensures excellent transmittance and uniform lighting
- Specially designed durable polycarbonate cover that withstands harsh environment and protects the LED
- High luminous efficacy
- Easy installation with double sided 3M tape and screw holes for extra security
- IP68 Waterproof
- Approved by UL, CE, RoHS / LED provided by Samsung

Dimensions



Specifications

Model	Available Color Temp.	Viewing Angle	Input Voltage	Module/ft	Lumen /ft	Watts/ft	Watts/Module	Efficacy (lm/W)	60W Power Supply Load	Waterproof Rating
LX-HLC2S	3000K 4000K 6500K 9500K 12000K	120°	12V DC	3 Modules	150 lm	2.16W	0.72W	70 lm	71 Modules	IP68
LX-HLC3S		120°	12V DC	2 Modules	150 lm	1.44W	0.72W	104 lm	71 Modules	IP68
LX-HLC4		120°	12V DC	2 Modules	200 lm	2.88W	1.44W	70 lm	35 Modules	IP68
LX-HLC2S-HP		120°	12V DC	3 Modules	186 lm	2.7W	0.9W	68 lm	56 Modules	IP68
LX-HLC3S-HP		120°	12V DC	2 Modules	240 lm	2.4W	1.2W	100 lm	42 Modules	IP68
LX-HLC4-HP		120°	12V DC	2 Modules	248 lm	3.6W	1.8W	68 lm	28 Modules	IP68



Above specification is based on SAMSUNG 5630 6500K.

NEO-Wide



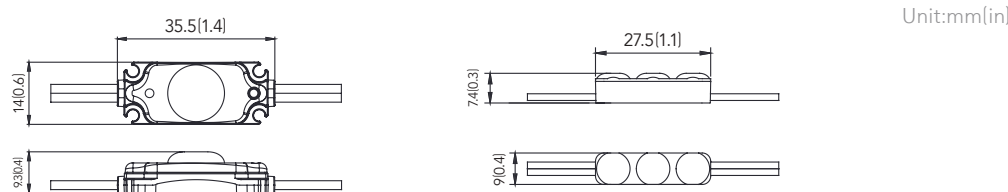
MINI3-LW



Features

- NC LED's versatile wide angle lens with compact design
- 160 degree angle lens which reduces numbers of modules needed
- Ensures excellent transmittance and uniform lighting
- Specially designed durable polycarbonate cover that withstands harsh environment and protects the LED
- High luminous efficacy
- Easy installation with double sided 3M tape and screw holes for extra security
- IP68 Waterproof
- Approved by UL, CE, RoHS

Dimensions



Specifications

Model	Available Color Temp.	Viewing Angle	Input Voltage	Module /ft	Lumen /ft	Watts /ft	Watts / Module	Efficacy (lm/W)	60W Power Supply Load	Waterproof Rating
NEO-Wide	6500K 8000K 10000K 12000K	160°	12V DC	2 Modules	156 lm	1.8W	0.9W	87 lm	56 Modules	IP68
MINI3-LW-NS	6500K 8000K 10000K 12000K	160°	12V DC	4 Modules	176 lm	1.92W	0.48W	92 lm	106 Modules	IP68

LED Tube



BOX-Light



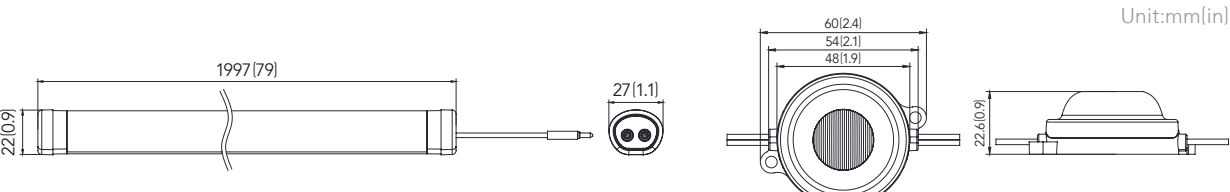
Features

- LED Tube**

  - Best LED solution for Sign Box illumination
  - Maintains uniform and even lighting regardless of the size of Sign Box
  - AC direct makes no power supply required
  - High performance with guaranteed even brightness
  - Easy installation and long life for effortless maintenance
  - IP65 Waterproof
- BOX-Light**

  - Economical LED solution for Sign Box illumination
  - Fewer modules usage compared to other models
  - Easy to replace individual modules after installation if needed
  - Easy installation and long life for effortless maintenance
  - IP67 Waterproof

Dimensions



Specifications

LED Tube										
Model	Available Color Temp.	Viewing Angle	Input Voltage	Wattage	Lumens	Efficacy (lm/W)	CRI	Size (ft)	Life Hours	Waterproof Rating
SLT18-H65K	6500K	130°	90V ~ 120V AC 200V ~ 240V AC	18W	1800 lm	100 lm	70	4'	40,000 hours	IP65

BOX-Light										
Model	Available Color Temp.	Viewing Angle	Input Voltage	Wattage	Lumens	Efficacy (lm/W)	CRI	Module /ft	Life Hours	Waterproof Rating
BOXLIGHT-24V-W30	3000K	25°x 50°	12V~24V DC	2.7W	170 lm	64 lm	80	2.5 Module	40,000 hours	IP67
BOXLIGHT-24V-W65	6500K	25°x 50°	12V~24V DC	2.7W	190 lm	70 lm	75	2.5 Module	40,000 hours	IP67

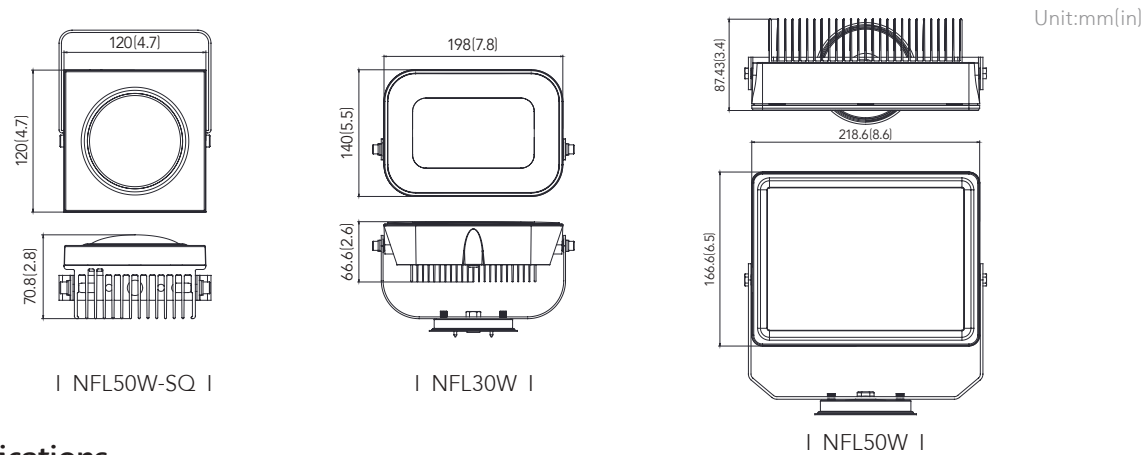
Flood Light



Features

- Best suitable for outdoor lighting application such as security lighting or building illumination
- Outstanding uniform lighting with effective overheating protection
- High performance with competitive watt per price
- Compact size allows multiple applications and easy installations
- IP65 Waterproof

Dimensions



Specifications

Model	Available Color Temp.	Viewing Angle	Input Voltage	Wattage	Lumens	Efficacy (lm/W)	CRI	Life Hours	Case Color	Waterproof Rating
NFL30W-SQ-30K	3000K 6500k	110°	90~120V AC 200~240V AC	30W	2400 lm	80 lm	80	36,000 hours	White / Black	IP65
NFL30W-SQ-65K		110°		30W	2550 lm	80 lm	80	36,000 hours	White / Black	IP65
NFL50W-SQ-30K		110°		50W	4000 lm	80 lm	80	36,000 hours	White / Black	IP65
NFL50W-SQ-65K		110°		50W	4250 lm	80 lm	80	36,000 hours	White / Black	IP65
NFL30W-30K	3000K 6500k	110°	100~240V AC	30W	2700 lm	90 lm	80	40,000 hours	White / Black	IP65
NFL30W-65K		110°	100~240V AC	30W	2850 lm	95 lm	80	40,000 hours	White / Black	IP65
NFL50W-30K		110°	100~240V AC	50W	4000 lm	85 lm	80	40,000 hours	White / Black	IP65
NFL50W-65K		110°	100~240V AC	50W	4250 lm	90 lm	80	40,000 hours	White / Black	IP65

CE IP65

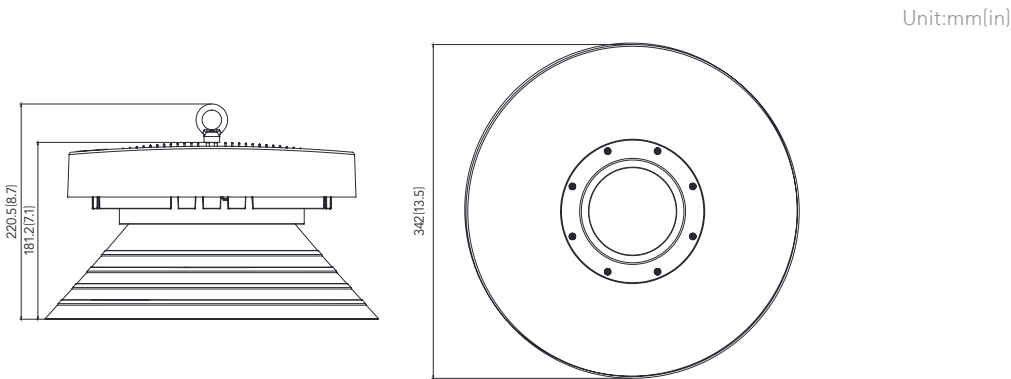
High Bay Light



Features

- Best suitable for indoor lighting application such as warehouses and manufacturing facilities
- Outstanding uniform lighting with effective overheating protection
- High performance with competitive watt per price
- Compact size allows multiple applications and easy installations
- IP65 Waterproof

Dimensions



Specifications

Model	Available Color Temp.	Viewing Angle	Input Voltage	Wattage	Lumens	Efficacy (lm/W)	CRI	Module /ft	Life Hours	Waterproof Rating
NHB100W-AC-30K	3000K	95°	200V~240V AC	100W	8500 lm	85 lm	80	36,000 hours	5.73 lb	IP65
NHB100W-AC-65K	6500K	95°	200V~240V AC	100W	9000 lm	90 lm	80	36,000 hours	5.73 lb	IP65

CE IP65



SMPS



\*Model : LXN100-12V-AH

Features

- NC LED's power supplies with multiple wattage options
- Energy Efficient and reliable performance
- IP67 Waterproof
- Various safety protection functions to assure safety (refer below for details)

Safety Protections

- SCP (Short Circuit Protection): Prevents fire incidents by automatic shut down when electric short occurred between +/- polarity
- OCP (Over current Protection)/OLP (Over load Protection): Protection from overloading by LED blinking to warn the users followed by automatic shut down when the SMPS is connected 100% of its capacity
- OTP (Over Temperature Protection): Provides protection from overheating by automatic shut down when surface temperature reaches 194°F/90°C

Specifications

	Model	Dimensions (mm)	Input Voltage	Output Voltage	Rated Current	Rated Power	Efficiency (Typ.)	Operating Temp. (°F)	Waterproof Rating
P-Model	LXP100-12V-AU	175 x 68 x 44	100 - 264 Vac	12V DC	8.3A	100W	90% (@230V)	-4° ~ 122°	IP67
	LXP150-12V-AU	175 x 68 x 44	100 - 264 Vac	12V DC	12.5A	150W	90% (@230V)	-4° ~ 122°	IP67
	LXP200-12V-AU	195 x 68 x 44	100 - 264 Vac	12V DC	16.7A	200W	90% (@230V)	-4° ~ 122°	IP67
	LXP300-12V-AU	240 x 75 x 44	100 - 264 Vac	12V DC	22.5A	270W	89% (@230V)	-4° ~ 122°	IP67
N-Model	LXN100-12V-PH	160 x 46 x 38	200 - 264 Vac	12V DC	8.3A	100W	89% (@230V)	-4° ~ 122°	IP67
	LXN100-12V-AH	145 x 68 x 44	200 - 264 Vac	12V DC	8.3A	100W	90% (@230V)	-4° ~ 122°	IP67
	LXN150-12V-AH	175 x 68 x 44	200 - 264 Vac	12V DC	12.5A	150W	90% (@230V)	-4° ~ 122°	IP67
	LXN200-12V-AH	175 x 68 x 44	200 - 264 Vac	12V DC	16.7A	200W	90% (@230V)	-4° ~ 122°	IP67
	LXN300-12V-AH	195 x 68 x 44	200 - 264 Vac	12V DC	22.5A	270W	89% (@230V)	-4° ~ 122°	IP67

CE IP67

Brilliant  
Sense Of Light  
**NC LED**



Brighten Up your Business  
with **NC LED!**

All products' availability may subject to change based on the market.  
Please inquire for more information.