

SPECIFICATION

MODEL : ECO3S-HW2

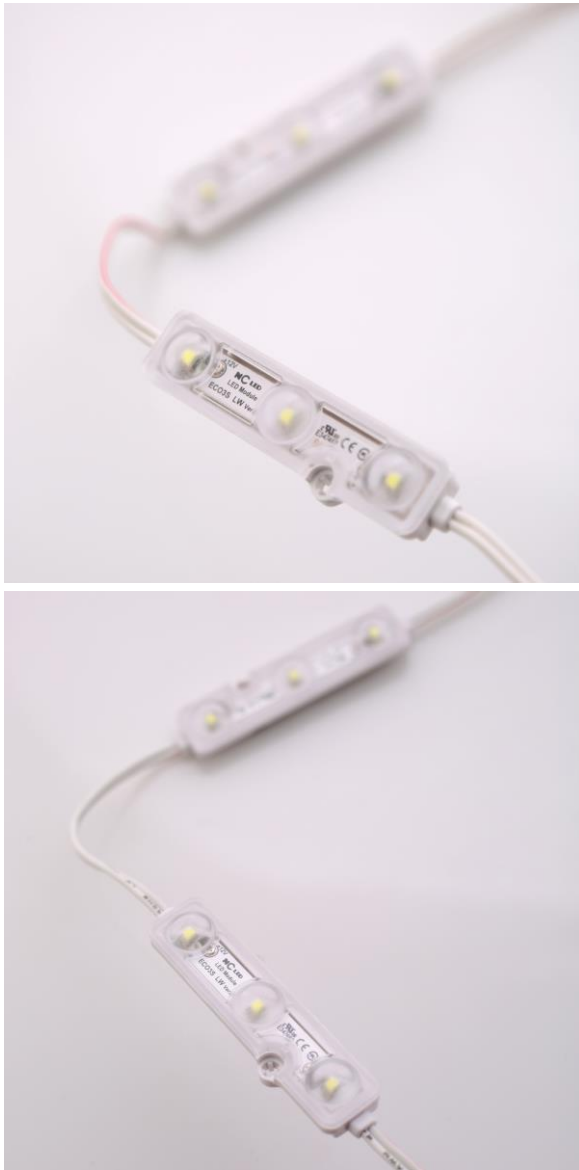
(Wide Angle - 140°)

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Supplier		Customer
Written by	Approved by	Approved by

NCLED CO., LTD

Product Image



Characteristic

Technological Innovation Certification



Lens - Viewing Angle 140°

- Optimized for channel heights 70~120mm
- Perfect uniformity ratio of illumination
- Reduce LED module usage

Polycarbonate Cover

- LED protection against Sulfur dioxide(SO2) and hazardous substances
- Capable of wet exposed applications with durable weather protective molding
- Prevention against defect while installing

Compact design and easy installation

- 3M double sided tape
- Cost-reduction in installation

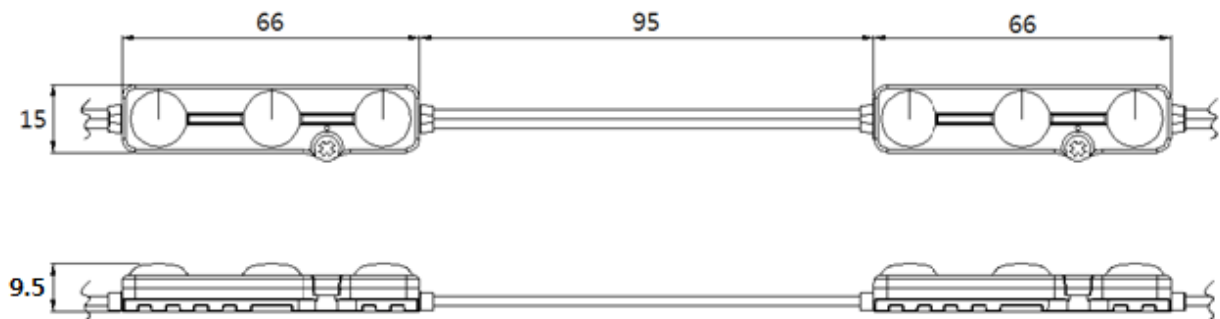
Perfect humid & waterproof (enhanced-IP68)

High efficiency in energy saving - 83 lm/W

Long life time - 50,000 Hr

Application note

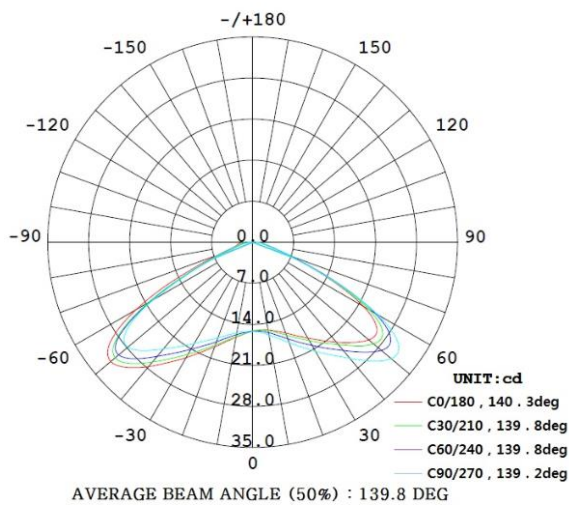
- Advertising Sign Board
- Channel letter lighting
- Any decorative lighting
- Architectural, outdoor, exterior lighting



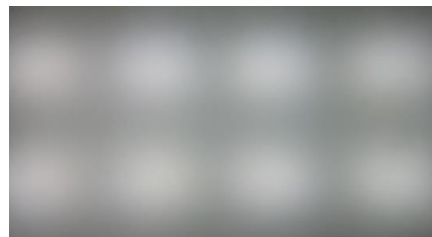
Specification

Item	Value					unit
Model no	W30	W65	W80	W10	W12	-
Power Dissipation	1.2					W
Forward Voltage	12					Vdc
Forward Current	100					mA
Luminous Flux	-	-	-	108	108	lm
Luminance Efficiency	-	-	-	90	90	lm/W
CCT(K), ±7%	-	-	-	10000	12000	K
CRI (Ra)	-	-	-	70	70	Ra
LED Spec	2835 pkg, 0.2W x 3EA					-
Viewing angle	140°					deg
Module Pitch	160±5					mm
Dimension	66 x 15 x 9.5					mm
Weight	9.5					g
Max in series	50 (권장수량: 35EA)					EA
Operating Temp	-20 ~ 50					°C
Waterproof	IP67					-
Life Time	50,000					Hour
Cable Wire	UL-AWM2468, awg20x2C					-
Case materials	ABS, UL-94					-
Cover materials	Polycarbonate, UL-94					-

Photometric characteristics



Angle 120° (Height: 80mm)



Angle 140° (Height: 80mm)

