

SPECIFICATION

MODEL : ECO3S-LW2

(Wide Angle - 140°)

Supplier		Customer
Written by	Approved by	Approved by

NCLED CO., LTD

Product Image



Characteristic

CE, UL, KS CERTIFIED



Lens - Viewing Angle 140°

- 140° WIDE ANGLE OPTIC LENS APPLIED
- EXCELLENT TRANSMISSIVITY & UNIFORMITY
- APPLICABLE FOR LOWER CHANNEL LETTER

Polycarbonate Cover

- PROTECTION DESIGN FROM Sulfur dioxide(SO2)
- TRACEABILITY MANAGEMENT SYSTEM
- QUALITY CONTROL MARKING SERIAL CODE

COMPACT DESIGN AND CONVENIENT USABILITY

- 3M Tape
- COST REDUCTION FOR MAINTENANCE

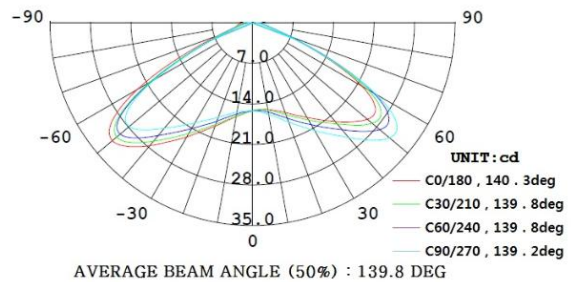
Waterproof design - IP68

Long life time - 50,000 Hr

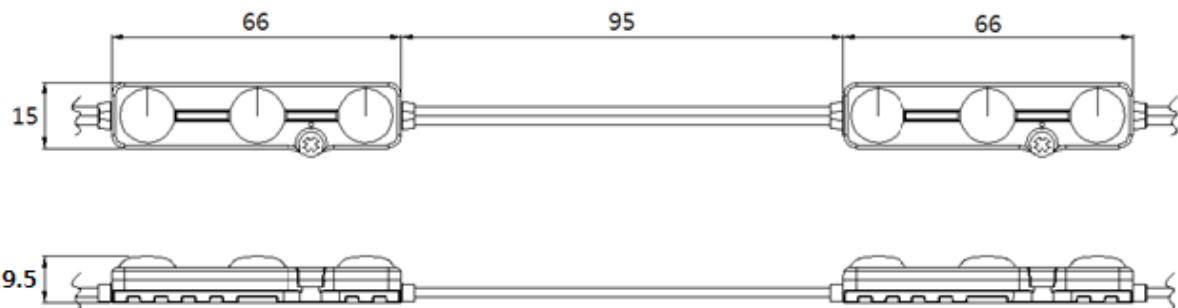
Application note

- BEST SUBSTITUTE FOR CHANNEL LETTER SIGNAGE
- MODIFIED FOR LOWER CHANNEL LETTER
- BACK LIGHT FOR LIGHT BOX
- OUTDOOR INSTALLATIONS

Photometric characteristics



Dimension



Specification

Item	Value					unit
Model no	RED	GREEN	BLUE	YELLOW		-
Power Dissipation	0.72					W
Forward Voltage	12					Vdc
Forward Current	60					mA
Luminous Flux	19	46	9	12		lm
Luminance Efficiency	26	64	13	17		lm/W
Wavelength Pk (nm)	620~625	520~525	460~465	590~595		K
CRI (Ra)	-	-	-	-		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					EA
Operating Temp	-20 ~ 50					°C
Waterproof	IP68					-
Life Time	50,000					Hour
Cable Wire	UL-AWM2468, awg20x2C					-
Case materials	ABS, UL-94					-
Cover materials	Polycarbonate, UL-94					-

Spectrum

