

SPECIFICATION

MODEL : ECO3S-HW-xxx

(Wide Angle - 160°)

Samsung LED

Supplier		Customer
Written by	Approved by	Approved by

NCLED CO., LTD

Product Image



Characteristic

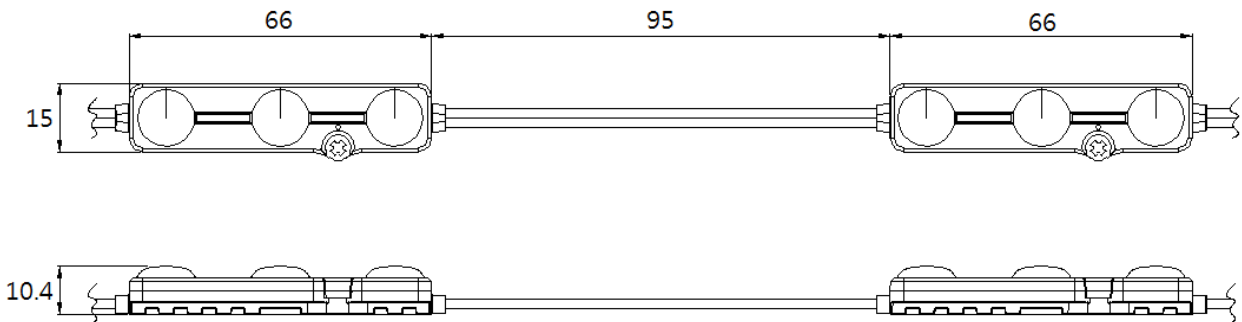


- CE, UL, KS CERTIFIED
- HIGH EFFICIENCY SAMSUNG LED 2835 LED MOUNTED
- 160° WIDE ANGLE OPTIC LENS APPLIED
- IP68 RATING
- COMPACT DESIGN AND CONVENIENT USABILITY
- DAMP.PROOF DESIGN TO PREVENT DAMAGE FOR LED & OTHER PARTS
- EXCELLENT PROTECTION RATE AGAINST RAIN, DIRECT LIGHT AND ULTRAVIOLET RAYS
- LESS QUANTITY, BETTER UNIFORMITY FOR LOWER CHANNEL LETTER
- TRACEABILITY MANAGEMENT SYSTEM & QUALITY CONTROL MARKING SERIAL CODE
- COST REDUCTION FOR INSTALLATION AND MAINTENANCE
- 50,000HOURS RATED LIFE TIME (L70)

Application note

- BEST SUBSTITUTE FOR GENERAL CHANNEL LETTER SIGNAGE
- MODIFIED FOR THE BEST UNIFORMITY
- BACK LIGHT FOR LIGHT BOX

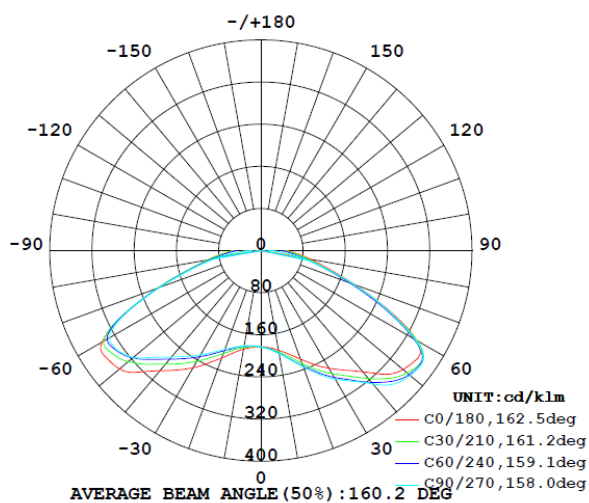
Dimension



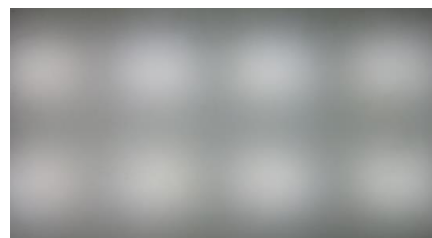
Specification

Item	Value					unit
Model no	W30	W40	W65	W95	W12	-
Power Dissipation	1.2					W
Forward Voltage	12					Vdc
Forward Current	100					mA
Luminous Flux	105	112	112	108	108	lm
Luminance Efficiency	88	93	93	90	90	lm/W
CCT (K)	3000K	4000K	6500K	9500K	12000K	K
CRI (Ra)	80	80	80	75	75	Ra
LED Spec	2835 pkg, 0.2W SAMSUNG x 3EA					-
Viewing angle	120°					deg
Module Pitch	160±5					mm
Dimension	66 x 15 x 8.2					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					-

Photometric characteristics



Angle 120° (Height: 80mm)



Angle 160° (Height: 80mm)

