SPECIFICATION

MODEL : MINI3-LW-W10

(Lens Cover - 150° Angle)

Supplier		Customer
Written by	Approved by	Approved by

NCLED CO., LTD

CONTACT US | info@saled.com
07 3219 6711
ONLINE ORDER
WWW.SA-LED.COM
SALed AUSTRALIA

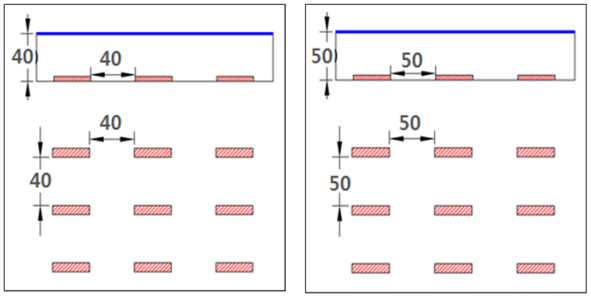
Characteristic

CE, UL, KS CERTIFIED
HICH EFFICIENCY 2835 LED MOUNTED
IP67 RATING
150° WIDE ANGLE OPTIC LENS APPLIED
DAMP.PROOF DESIGN TO PREVENT DAMAGE FOR LED & OTHER PARTS
EXCELLENT PROTECTION RATE AGAINST RAIN, DIRECT LGIHT AND ULTRAVIOLET RAYS
COMPACT DESIGN AND CONVENIENT USABILITY
LESS QUANTITY, BETTER UNIFORMITY FOR LOWER CHANNEL LETTER
TRACEABILITY MANAGEMENT SYSTEM & QUALITY CONTROL MARKING SERIAL CODE
COST REDUCTION FOR INSTALLATION AND MAINTENANCE
40,000HOURS RATED LIFE TIME (L70)

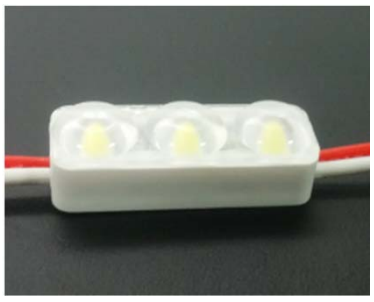
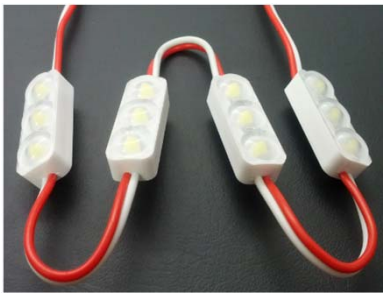
Application note

SIGNAGE MODULE
BEST SUBSTITUTE FOR
LOWER & NARROW CHANNEL LETTER
MODIFIED FOR THE BEST UNIFORMITY
BACK LIGHT FOR LIGHT BOX

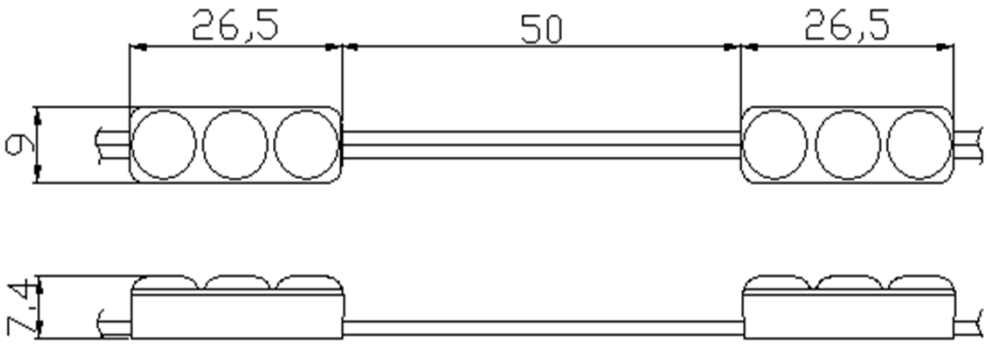
Install Guide (Module Pitch)



Product Image

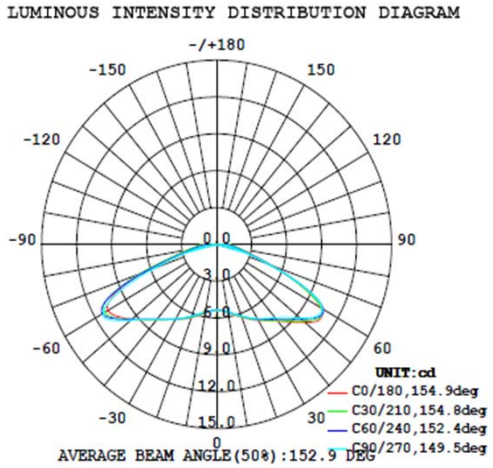
Dimension

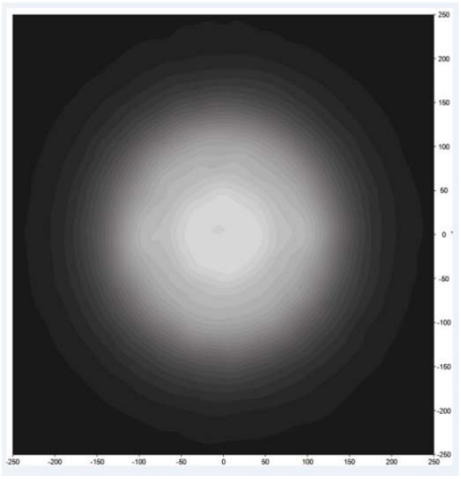


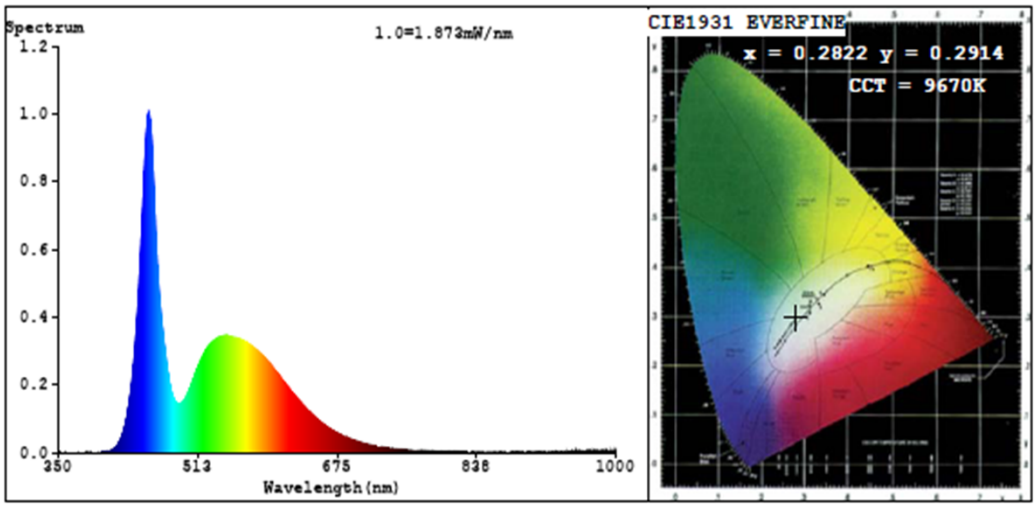
Specification

Item	Value			Unit
Model no	W80	W10	W12	
Power Dissipation	0.48W			Watt
Forward Voltage	12			VDC
Forward Current	40			mA
Driving System	Constant Voltage			-
Luminous Flux	40	40	40	lm
Luminance Efficiency	83	83	83	lm/W
CCT(K)	8000	10000	12000	Kelvin
CRI (Ra)	70	70	70	%
Viewing angle	150°, Wide Angle			deg
LED maker	2835pkg x 3EA			-
Module Pitch	77 ± 2			mm
Size	26.5 x 9 x 8.2(H)			mm
Weight	2.5			g
Max in series	50			EA
Operating Temp	-20 ~ 50			℃
Storage Temp	-30 ~ 70			℃
Waterproof	IP67			
Life Time	40,000			Hour
Cable	UL, AWM2468-AWG22x2C			
LENS materials	PMMA, UL-94			
Case materials	PC/ABS ,UL-94, V-2			

Photometric characteristics







Color Parameters:

Chromaticity Coordinate:x=0.2822 y=0.2914/u'=0.1903 v'=0.4421

CCT=9670K(Duv=0.0007) Dominant WL:Ld =480.1nm Purity=21.1%

Ratio:R=11.3% G=82.0% B=6.7% Peak WL:Lp=455.2nm FWHM=22.2nm

Render Index:Ra=80.0

R1 =79	R2 =86	R3 =84	R4 =77	R5 =78	R6 =76	R7 =88	
R8 =71	R9 =4	R10=62	R11=74	R12=44	R13=82	R14=91	R15=78

Photo Parameters:

Flux = 38.94 lm Eff. : 82.38 lm/W Fe = 135.2 mW

Electrical parameters:

V = 11.998 V I = 0.03940 A P = 0.4727 W PF = 1.000