

SPECIFICATION for NCP Series Modules

Model No. NCP4-W

Product Image



Features

NC Premium line of modules for the best convenient use

Constant current drive + Non polarity

3chip SMD LED mounted

Reverse voltage, current protection

Double-sided PCB design to maximize heat release

120° Viewing angle creates better silhouettes with even light distribution

Durable epoxy resin fill for waterproof rating with IP68

12V DC operation requires a constant voltage Power supply (Sold separately)

Product dimension and connections

Case Dimension : 44L × 44W × 8H mm

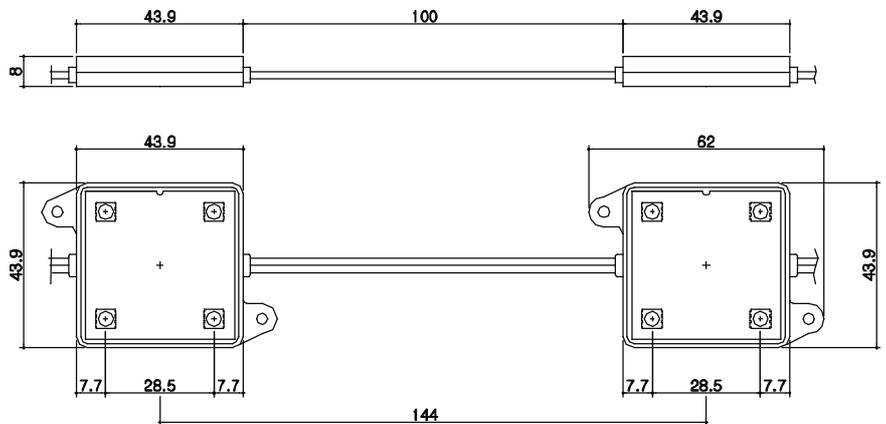
Weight : 20g per module

LED Pitch : 28mm

Wire length : 100mm

Center to Center : 144mm

Maximum run in series : 50 modules



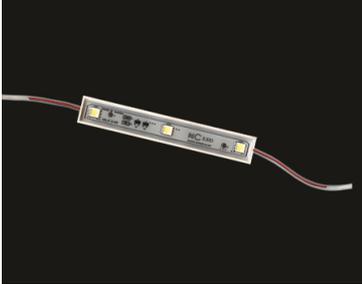
Product dimension and connections

Product No.	[NCP4 - W] Square type				
Color	W	R	G	B	AB
Operating Power	DC 12V				
Power / Current Dissipation	1.44 W, 80mA				
LED Spec	120° Viewing angle, 50,000hr rated life, made in Korea				
Luminous intensity(mcd)	22,000	8,400	14,400	3,200	8,400
Luminous intensity(lm)	62.4	23.6	40.6	9.1	14.4
Dominant Wavelength	-	625	525	460	-
Standard Color Temperature	8,500	-	-	-	-
Module connection & Cuttability	Wire to Wire Series connection, every module				
Recommended Channel Height	Min. 80mm				
Operating Temperature	-20°C~ 60°C				
Storage Temperature	-30°C~ 70°C				
Waterproofing rate	IP68				
Cable	awg18, 1007-SPT-1(105°C)				
Case Materials	ABS housing + Ductile Epoxy Treatment				

SPECIFICATION for NCP Series Modules

■ Model No. NCP3-W

Product Image



Features

NC Premium line of modules for the best convenient use

Constant current drive + Non polarity

3chip SMD LED mounted

Reverse voltage, current protection

Double-sided PCB design to maximize heat release

120° Viewing angle creates better silhouettes with even light distribution

Durable epoxy resin fill for waterproof rating with IP68

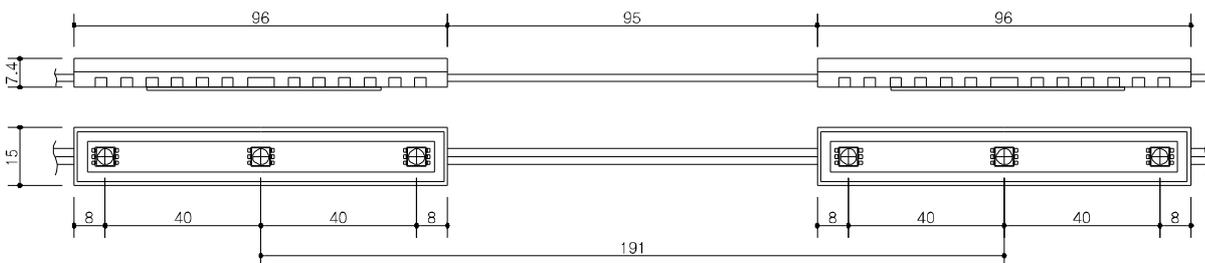
12V DC operation requires a constant voltage Power supply (Sold separately)

Product dimension and connections

Case Dimension : 96L × 15W × 7H mm, Weight : 13g per module

LED Pitch : 40mm, Wire length : 95mm, Center to Center : 191mm

Maximum run in series : 50 modules



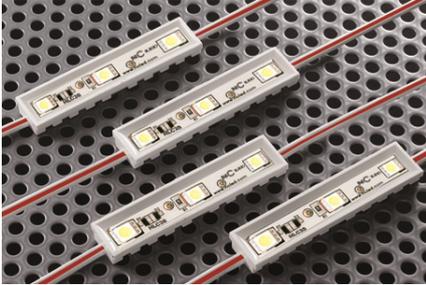
Product dimension and connections

Product No.	[NCP3 - W]				
Color	W	R	G	B	AB
Operating Power	DC 12V				
Power / Current Dissipation	0.72 W, 60mA				
LED Spec	120° Viewing angle, 50,000hr rated life, made in Korea				
Luminous intensity(mcd)	16,500	6,300	10,800	2,400	6,300
Luminous intensity(lm)	46.8	17.8	30.5	6.8	10.8
Dominant Wavelength	-	625	525	460	-
Standard Color Temperature	8,500	-	-	-	-
Module connection & Cuttability	Wire to Wire Series connection, every module				
Recommended Channel Height	Min. 80mm				
Operating Temperature	-20°C~ 60°C				
Storage Temperature	-30°C~ 70°C				
Waterproofing rate	IP68				
Cable	awg18, 1007-SPT-1(105°C)				
Case Materials	ABS housing + Ductile Epoxy Treatment				

SPECIFICATION for NCP Series Modules

■ Model No. NCP3S-W

Product Image



Features

NC Premium line of modules for the best convenient use

Constant current drive + Non polarity

3chip SMD LED mounted

Reverse voltage, current protection

Double-sided PCB design to maximize heat release

120° Viewing angle creates better silhouettes with even light distribution

Durable epoxy resin fill for waterproof rating with IP68

12V DC operation requires a constant voltage Power supply (Sold separately)

Product dimension and connections

Case Dimension : 66L × 15W × 7H mm, Weight : 10g per module

LED Pitch : 25mm, Wire length : 95mm, Center to Center : 161mm

Maximum run in series : 50 modules



Product dimension and connections

Product No.	[NCP3S - W]				
Color	W	R	G	B	AB
Operating Power	DC 12V				
Power / Current Dissipation	0.72 W, 60mA				
LED Spec	120° Viewing angle, 50,000hr rated life, made in Korea				
Luminous intensity(mcd)	16,500	6,300	10,800	2,400	6,300
Luminous intensity(lm)	46.8	17.8	30.5	6.8	10.8
Dominant Wavelength	-	625	525	460	-
Standard Color Temperature	8,500	-	-	-	-
Module connection & Cuttability	Wire to Wire Series connection, every module				
Recommended Channel Height	Min. 80mm				
Operating Temperature	-20°C~ 60°C				
Storage Temperature	-30°C~ 70°C				
Waterproofing rate	IP68				
Cable	awg18, 1007-SPT-1(105°C)				
Case Materials	ABS housing + Ductile Epoxy Treatment				

SPECIFICATION for NCP Series Modules

■ Model No. NCP2-W

Product Image



Features

NC Premium line of modules for the best convenient use

Constant current drive + Non polarity

3chip SMD LED mounted

Reverse voltage, current protection

Double-sided PCB design to maximize heat release

120° Viewing angle creates better silhouettes with even light distribution

Durable epoxy resin fill for waterproof rating with IP68

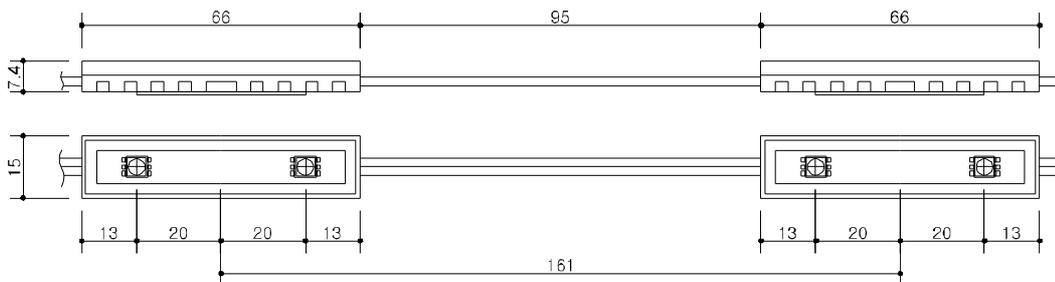
12V DC operation requires a constant voltage Power supply (Sold separately)

Product dimension and connections

Case Dimension : 66L × 15W × 7H mm, Weight : 9g per module

LED Pitch : 40mm, Wire length : 95mm, Center to Center : 161mm

Maximum run in series : 50 modules



Product dimension and connections

Product No.	[NCP2 - W]				
Color	W	R	G	B	AB
Operating Power	DC 12V				
Power / Current Dissipation	0.48 W, 40mA				
LED Spec	120° Viewing angle, 50,000hr rated life, made in Korea				
Luminous intensity(mcd)	11,000	4,200	7,200	1,600	4,200
Luminous intensity(lm)	31.2	11.9	20.3	4.5	7.2
Dominant Wavelength	-	625	525	460	-
Standard Color Temperature	8,500	-	-	-	-
Module connection & Cuttability	Wire to Wire Series connection, every module				
Recommended Channel Height	Min. 80mm				
Operating Temperature	-20°C~ 60°C				
Storage Temperature	-30°C~ 70°C				
Waterproofing rate	IP68				
Cable	awg18, 1007-SPT-1(105°C)				
Case Materials	ABS housing + Ductile Epoxy Treatment				

SPECIFICATION for NCP Series Modules

■ Model No. NCP2S-W

Product Image



Features

NC Premium line of modules for the best convenient use

Constant current drive for Constant Luminosity

3chip SMD LED mounted

Reverse voltage, current protection

Double-sided PCB design to maximize heat release

120° Viewing angle creates better silhouettes with even light distribution

Durable epoxy resin fill for waterproof rating with IP68

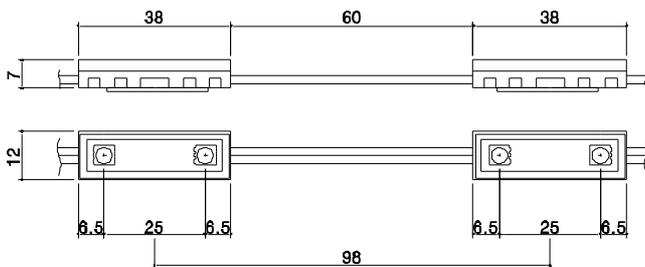
12V DC operation requires a constant voltage Power supply (Sold separately)

Product dimension and connections

Case Dimension : 38L × 12W × 7H mm, Weight : 7g per module

LED Pitch : 25mm, Wire length : 60mm, Center to Center : 98mm

Maximum run in series : 50 modules



Product dimension and connections

Product No.	[NCP2S - W]				
Color	W	R	G	B	AB
Operating Power	DC 12V				
Power / Current Dissipation	0.48 W, 40mA				
LED Spec	120° Viewing angle, 50,000hr rated life, made in Korea				
Luminous intensity(mcd)	11,000	4,200	7,200	1,600	4,200
Luminous intensity(lm)	31.2	11.9	20.3	4.5	7.2
Dominant Wavelength	-	625	525	460	-
Standard Color Temperature	8,500	-	-	-	-
Module connection & Cuttability	Wire to Wire Series connection, every module				
Recommended Channel Height	Min. 80mm				
Operating Temperature	-20°C~ 60°C				
Storage Temperature	-30°C~ 70°C				
Waterproofing rate	IP68				
Cable	awg18, 1007-SPT-1(105°C)				
Case Materials	ABS housing + Ductile Epoxy Treatment				

SPECIFICATION for NCP Series Modules

■ Model No. NCP1-W

Product Image



Features

NC Premium line of modules for the best convenient use

Constant current drive + Non polarity

3chip SMD LED mounted

Reverse voltage, current protection

Double-sided PCB design to maximize heat release

120° Viewing angle creates better silhouettes with even light distribution

Durable epoxy resin fill for waterproof rating with IP68

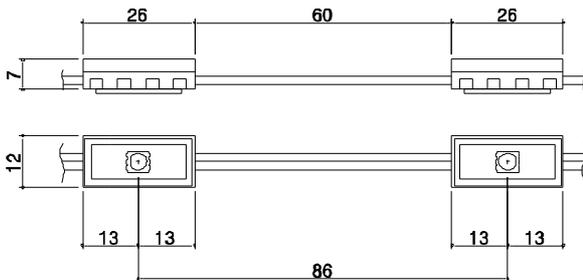
12V DC operation requires a constant voltage Power supply (Sold separately)

Product dimension and connections

Case Dimension : 26L × 12W × 7H mm, Weight : 4g per module

Wire length : 60mm, Center to Center : 86mm

Maximum run in series : 100 modules



Product dimension and connections

Product No.	[NCP1 - W]				
Color	W	R	G	B	AB
Operating Power	DC 12V				
Power / Current Dissipation	0.24 W, 20mA				
LED Spec	120° Viewing angle, 50,000hr rated life, made in Korea				
Luminous intensity(mcd)	5,500	2,100	3,600	800	2,100
Luminous intensity(lm)	15.6	5.9	10.2	2.3	3.6
Dominant Wavelength	-	625	525	460	-
Standard Color Temperature	8,500	-	-	-	-
Module connection & Cuttability	Wire to Wire Series connection, every module				
Recommended Channel Height	Min. 80mm				
Operating Temperature	-20°C~ 60°C				
Storage Temperature	-30°C~ 70°C				
Waterproofing rate	IP68				
Cable	awg18, 1007-SPT-1(105°C)				
Case Materials	ABS housing + Ductile Epoxy Treatment				