

EASTFINE

Specification

For LED Neon Flex



UK
CA



RoHS



CE

IP68

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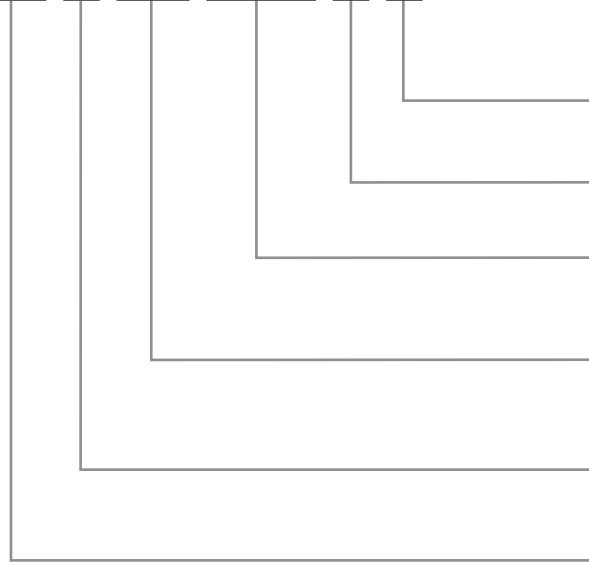
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■ Table of Contents

1. Product Naming Convention	03
2. Product Information	03
2.1.Introduction	
2.2.Product Features	
2.3.Areas of application	
3. Specifications&Parameters	04
3.1 Measurement (Unit:mm)	
3.2 Electrical Data	
3.3 Spectrum Data	
4. Mounting Profile	06
5. Connection Methods	07
6. Packaging	08
7. Appendix	08
7.1.(X,Y) Chromaticity Diagram	
7.2 Luminaire Photometric Data	
7.3 Illuminance-Distance Diagram	

1.Product Naming Convention

XX-X-XX-XXX-X-X



For Example: NF-C27140C-C
Basics Neon 2835 2700K 140LEDS/m DC24V

2.Product Information

2.1.Introduction

Flexible LED Neon Strip with wide beam angle and high output lumen.

So,it is wonderfully suitable for uniform linear lighting of every room.

Even for those who want to let their creativity run wild with strips, our Flexible LED Neon Strip is suitable as well.

High color rendering and high flexibility give you a plenty of scope and bring art to your wall with light. Simply bend the Flexible LED Neon Strip into the desired shape and attach it to your wall with accessories.

2.2.Product Features

- (1).High quality and high brightness SMD LED chip.
- (2).Variety of monochromatic lights for option including Red,Green,Blue,Yellow,Pink,Orange, Violet and whitelight.
- (3).Flat profile,good choice for recessed mounting.
- (4).Environmentally friendly&energy efficient.
- (5).High color consistency&smooth illumination With invisible light dots.
- (6).Perfect softness,gentle emitting,Not dazzling.
- (7).3-5 years warranty.

2.3.Areas of application

- (1). Outdoor or Indoor Contour/Border Lighting.
- (2). Architectural Outline/Decorative Lighting.
- (3). Cove/Accent Lighting.
- (4). Facade/Floor Lighting.
- (5). Signage/Guide Lighting.



Flame
Resistant



IP68
Protection



Saltwater
Resistant



Solvents
Resistant



UV
Resistant



IK08
Protection



Warranty



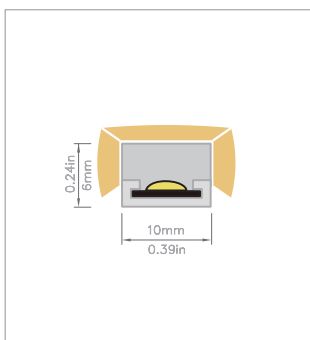
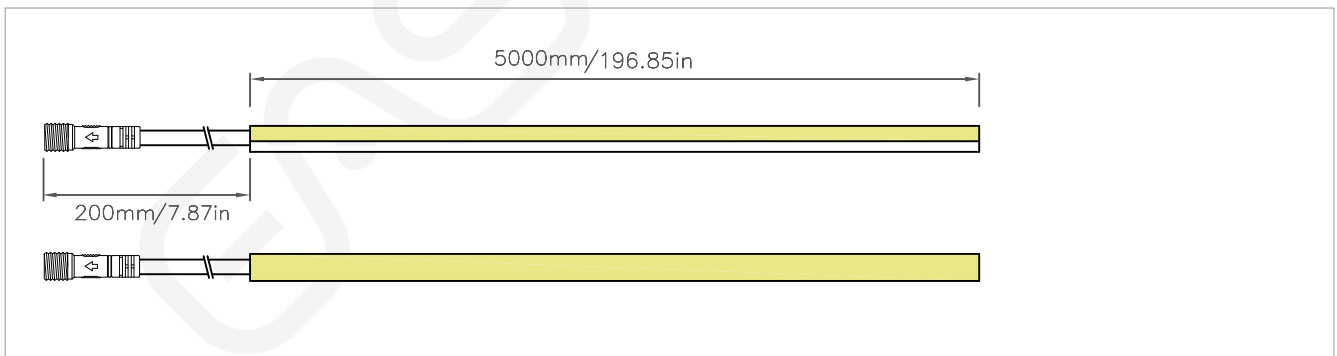
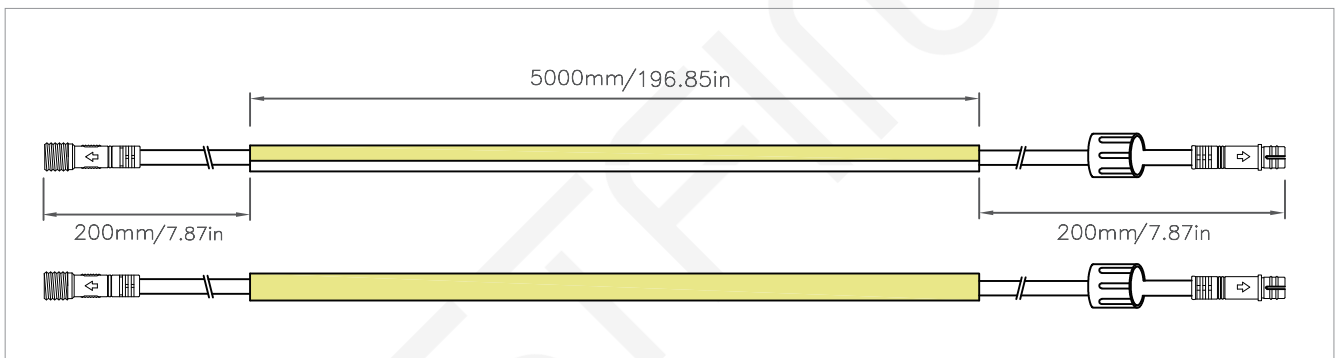
Operating
Temperature



Storage
Temperature

3. Specifications&Parameters

3.1 Measurement (Unit:mm)



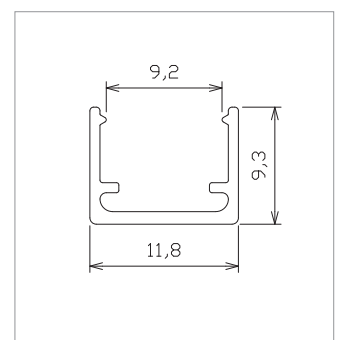
3.2 Electrical Data

Model No.	Voltage	Current	Power (W/M)	IP	Unit Length (mm)	FPC Width (mm)	Strip Width (mm)	Hight (mm)
NF-Z27320C-Q	DC24V	0.41A	10.0	IP68	50	8	10	6
NF-Z30320C-Q	DC24V	0.41A	10.0	IP68	50	8	10	6
NF-Z40320C-Q	DC24V	0.41A	10.0	IP68	50	8	10	6
NF-Z50320C-Q	DC24V	0.41A	10.0	IP68	50	8	10	6
NF-Z65320C-Q	DC24V	0.41A	10.0	IP68	50	8	10	6
NF-ZRE320C-Q	DC24V	0.41A	10.0	IP68	50	8	10	6
NF-ZGR320C-Q	DC24V	0.41A	10.0	IP68	50	8	10	6
NF-ZBL320C-Q	DC24V	0.41A	10.0	IP68	50	8	10	6
NF-ZYE320C-Q	DC24V	0.41A	10.0	IP68	50	8	10	6

3.3 Spectrum Data

Model No.	CCT	Lumens (lm/M)	CRI	LED Type	LEDs/M	Beam Angle	Standard Packing	Weight (g/5M)
NF-Z27320C-Q	2700K	700	90	COB	320	180°	5M/Roll	665
NF-Z30320C-Q	3000K	720	90	COB	320	180°	5M/Roll	665
NF-Z40320C-Q	4000K	760	90	COB	320	180°	5M/Roll	665
NF-Z50320C-Q	5000K	780	90	COB	320	180°	5M/Roll	665
NF-Z65320C-Q	6500K	800	90	COB	320	180°	5M/Roll	665
NF-ZRE320C-Q	Red	238	—	COB	320	180°	5M/Roll	665
NF-ZGR320C-Q	Green	306	—	COB	320	180°	5M/Roll	665
NF-ZBL320C-Q	Blue	170	—	COB	320	180°	5M/Roll	665
NF-ZYE320C-Q	Yellow	390	—	COB	320	180°	5M/Roll	665

4. Mounting Profile



Standard Aluminum Profile

Item NO: JA0049

Dimension: 1000*11.8*9.3mm

Material: 6063Al



PC installed slot

Item NO: JA0039

Dimension: 1000*12.2*8.5mm

Material: Transparent PC

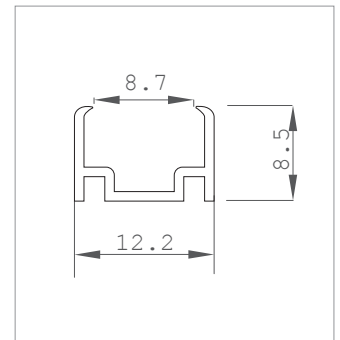


PC card buckle

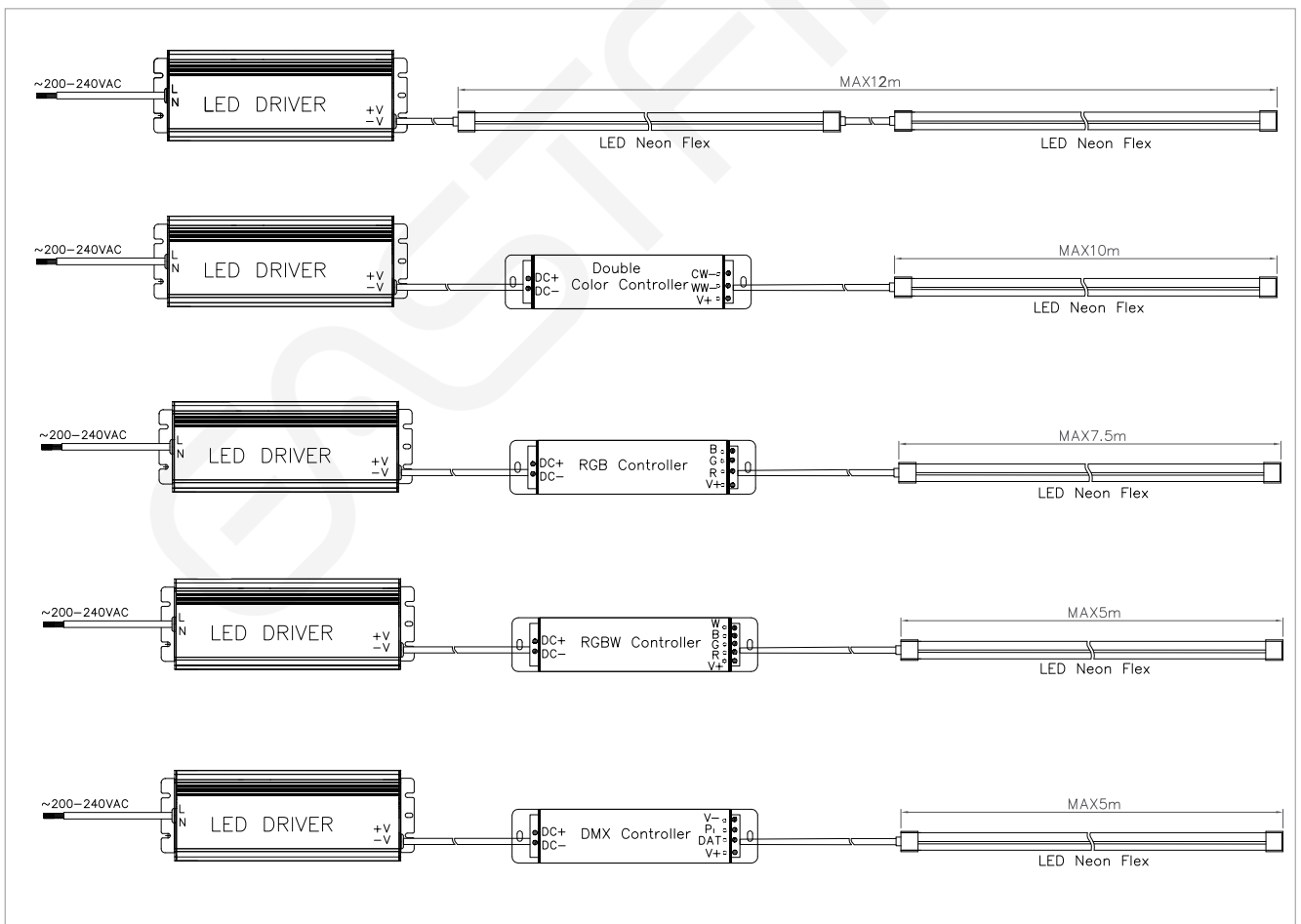
Item NO:JK0022

Dimension: 20*12.2*8.5mm

Material: Transparent PC



5. Connection Methods



		Single Color
	RGB	
	RGBW	
	Double Color	
	DMX	

6. Packaging



5meter/roll



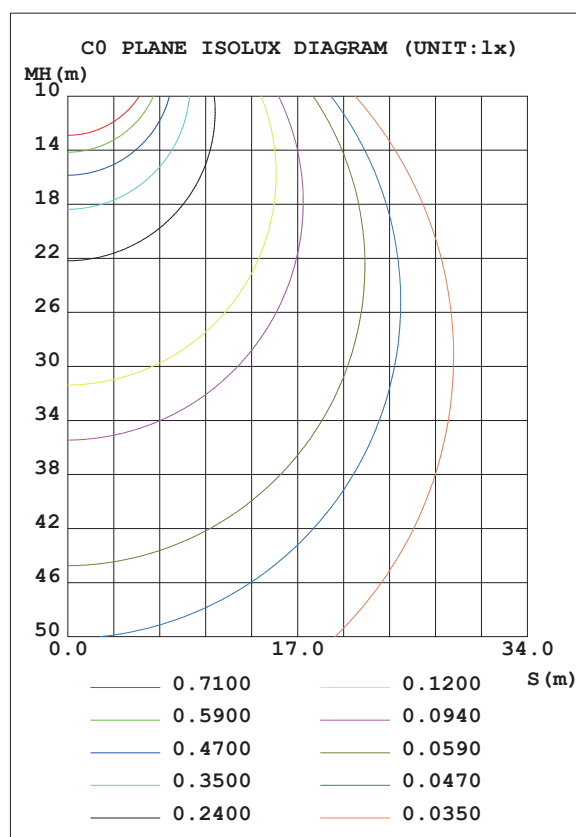
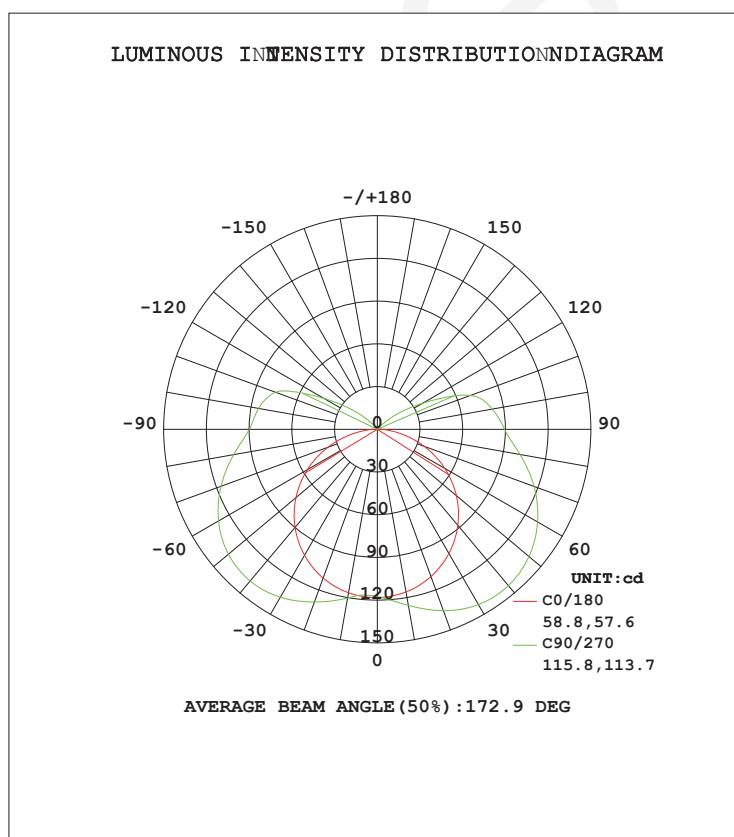
1roll/box-size: 390*390*26mm



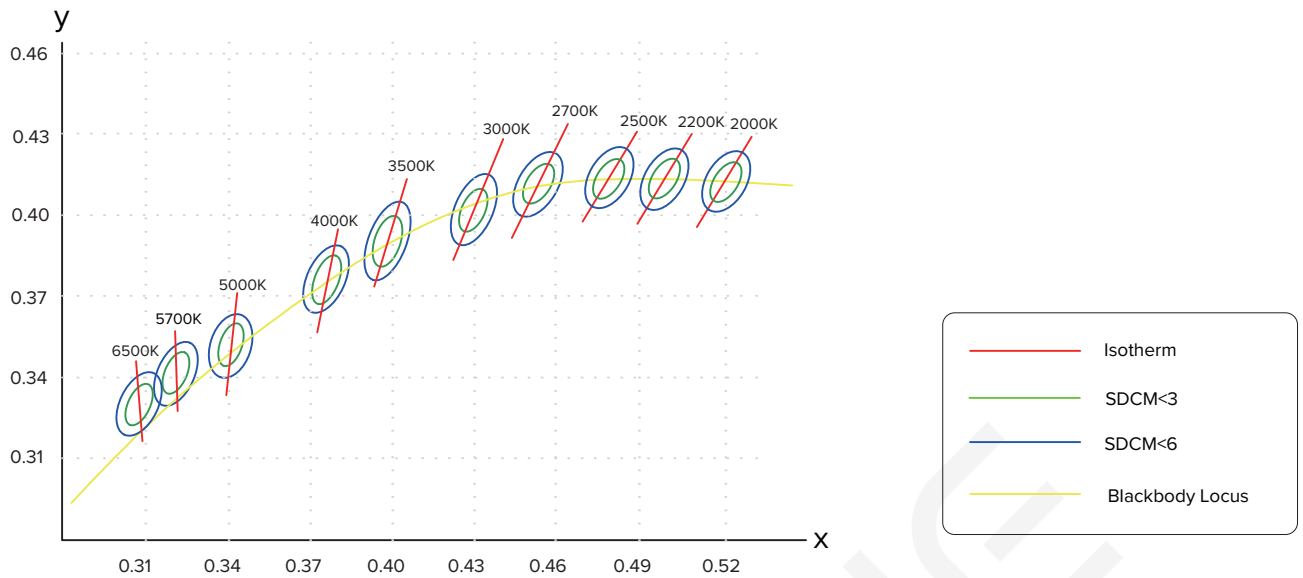
15 box-size:420*400*400mm

7. Appendix

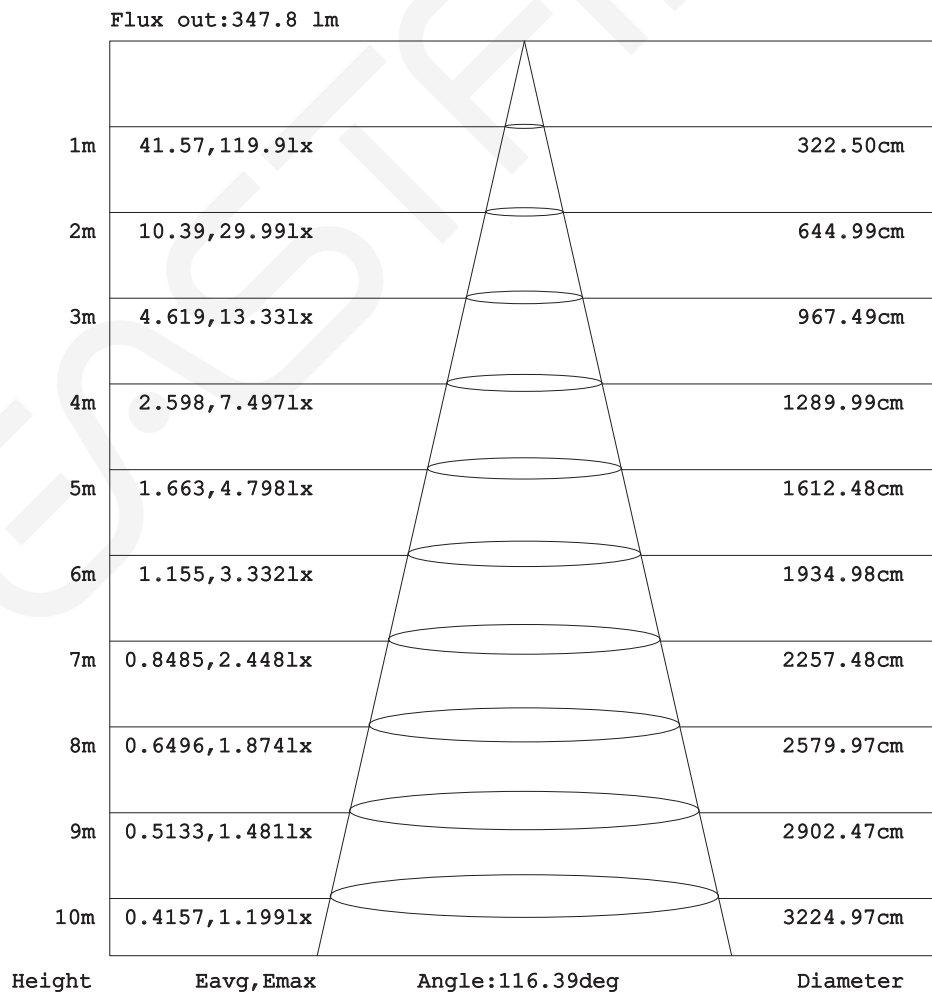
7.1 Luminaire Photometric Data



7.2 (X,Y) Chromaticity Diagram



7.3 Illuminance-Distance Diagram



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Remark: The IES file is needed to contact the sales staff

7.4 Reliability test

Testing Item	Performance	Standard/Description
Photometric Testing	Spectrum Analysis	IES LM79 (Lumen, CCT, CR, XY, SDCM, wave length)
	Photometric Distribution	IES LM79 (Lumen intensity distribution Photometric Distribution and lux diagram)
Temperature Rise Testing	Normal Temperature Test	UL 2018:2015 Ed.2+R:30 May 2017
	Abnormal Operation	CSA C22.2 #90:1996 Ed.1+S1
Mechanics & Physics Testing	Bending Test	Manufacturer-defined
	Swing Test	Manufacturer-defined
	Tensile Test	Manufacturer-defined
	Twist Test	Manufacturer-defined
	Stickiness Test	Manufacturer-defined
Weathering Testing	Swimming Pool Water Immersion Test	GB 9667, PH6.8-7.6, free chlorine 0.3-0.6 mg/L
	Sea Water Immersion Test	IEC 60598-1, Salinity 4%
	Salt Spray Test	IEC 68-2-11
	Outdoor Exposure	Manufacturer-defined
Endurance & Thermal Test	High Temperature and High Humidity Test	Manufacturer-defined temp. 70°C Humidity: 85% RH, 1000 hrs
	Thermal Shock Test	Manufacturer-defined @ test temperature -40°C ~ +120°C, 30 min/cycle, 100 cycles
	Cold Resistance Test	Manufacturer-defined Temp. -40°C, 1000 hrs
	Polarity Protection Test	Manufacturer-defined, reverse positive pole and negative pole