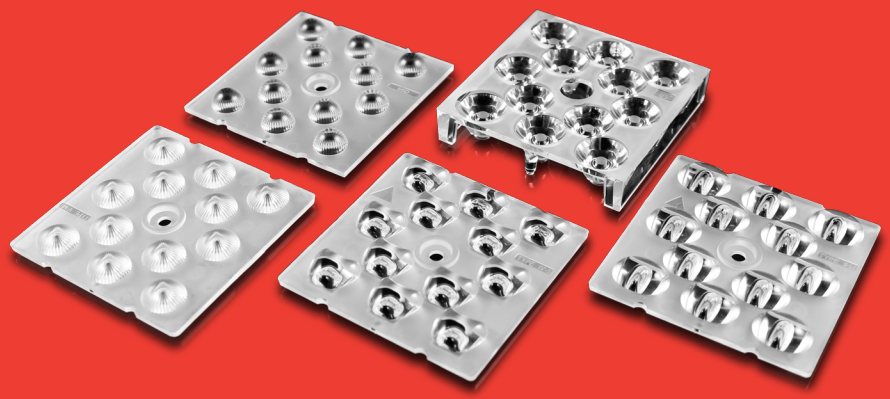
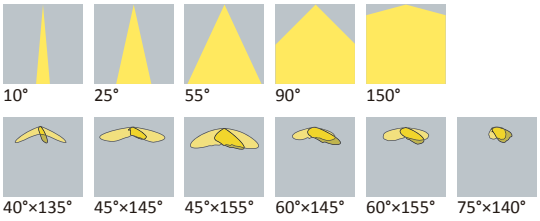
LedLink
Linking LEDs to The Real World



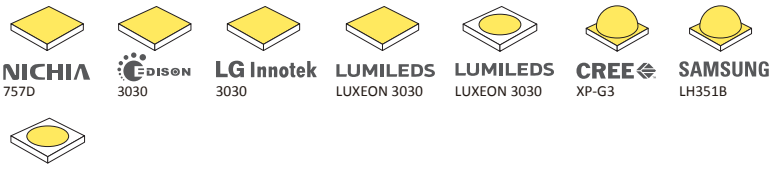
Datasheet

CRC Series

Available Distribution



LED



LUMILEDS
LUXEON 3030 2D
With Glass

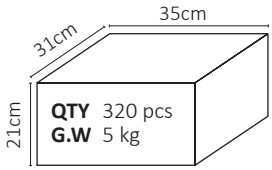
Dimensions

Part Number	Height	L×W
LL12ZZ-CRC25L19	6.3	50×50
LL12ZZ-CRC55L19	6.3	
LL12ZZ-CRC90L19	3.8	
LL12ZZ-CRC150L19	4.05	
LL12ZZ-CRC40135L19	5.3	
LL12ZZ-CRC45145L19	5.3	
LL12ZZ-CRC45155L19	5.3	
LL12ZZ-CRC60145L19	4.9	
LL12ZZ-CRC60155L19	5.1	
LL12ZZ-CRC75140L19	4.6	
LL12SS-CRC10L19	9.6	
LL12SS-CRC25L19	6.29	
LL12SS-CRC55L19	5.63	
LL12SS-CRC90L19	4.91	

*All dimensions are in millimeters.

Recommand Applications

Packaging Details (SPQ)



General Information

- Lens Material PC 1250Z
- Operating Temperature -40°C~+110°C
- UL Flammability HB @1.5mm
- UL RTI Elec 125°C @1.5mm
- Light Transmission Rate 400nm~900nm > 90%

If necessary, Clean lenses with mild soap, water and soft cloth.
Never use any commercial cleaning solvents on lenses, like alcohol.
Please handle or install lenses with wearing gloves, skin oils may damage lens or its optical characteristic.

© 20201110 Ledlink Optics, Inc. All rights reserved.

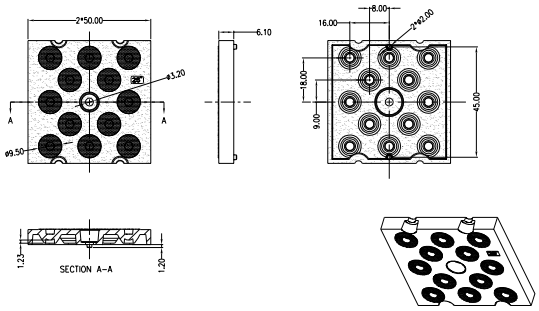
Downloaded from Arrow.com.

Mechanical Specification

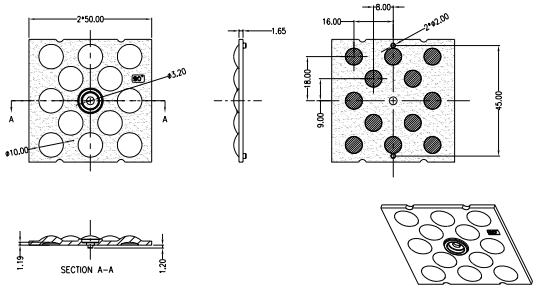
*All dimensions are in millimeters.

Lens Dimension

LL12ZZ-CRC××L19 (25°/55°)

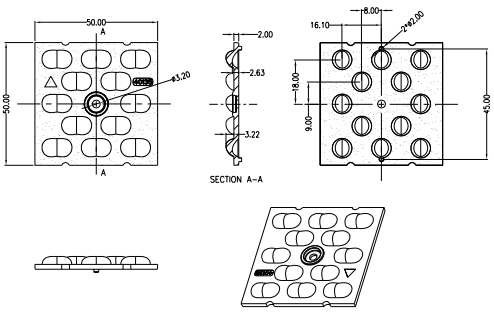


LL12ZZ-CRC××L19 (90°/150°)

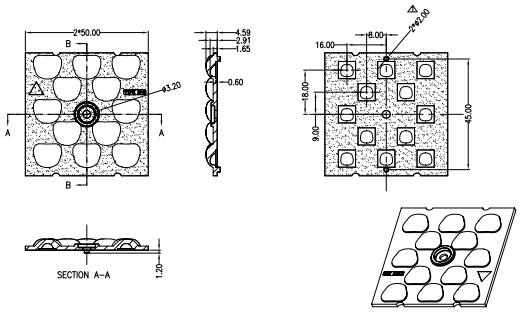


Lens Dimension

LL12ZZ-CRC××L19 (40°×135°/45°×145°/45°×155°/60°×145°/60°×155°)



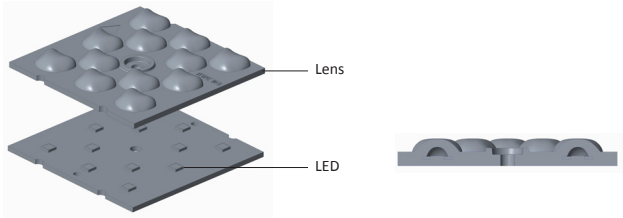
LL12ZZ-CRC75140L19



Assembly Instruction

Fixing Method

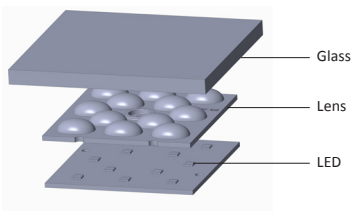
Part No LL12ZZ-CRC××L19

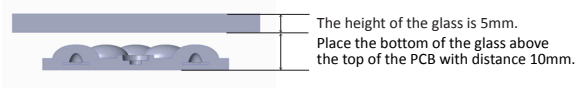


Assembly Instruction

Fixing Method

Part No LL12ZZ-CRC××L19
LED LUXEON 3030 2D





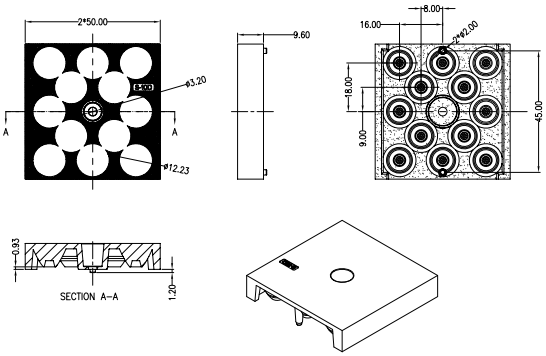
*Screw : The Maximum tightening torque for centre screw is 0.6Nm, which is mainly screw in for assembly.

© 20201110 Ledlink Optics, Inc. All rights reserved.

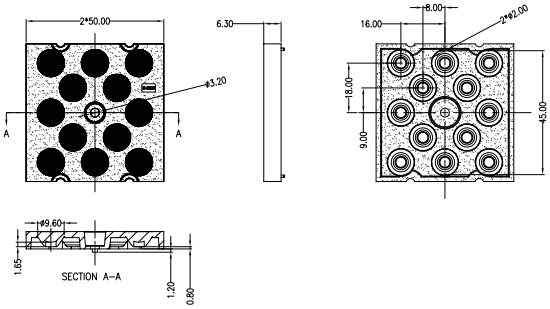
Downloaded from Arrow.com.

Lens Dimension

LL12SS-CRC10L19

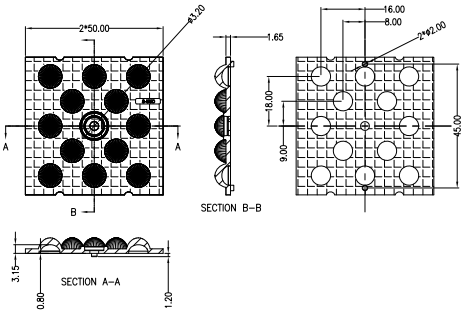


LL12SS-CRC25L19

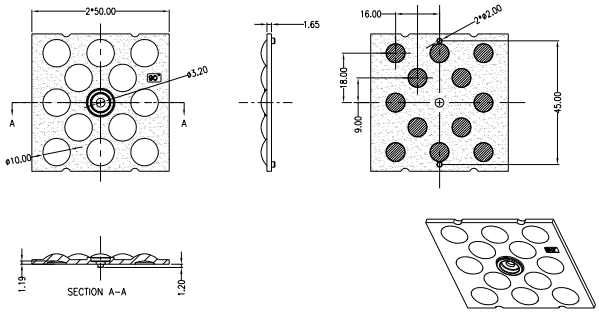


Lens Dimension

LL12SS-CRC55L19



LL12SS-CRC90L19



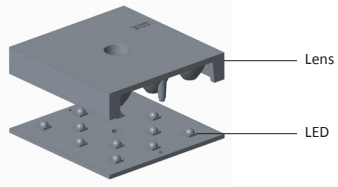
Assembly Instruction

Fixing Method

Part No LL12SS-CRC××L19

Screw

Luminarie Accessories



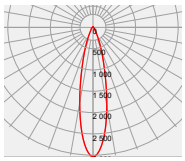
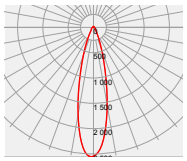
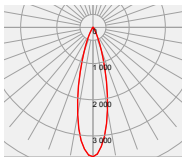
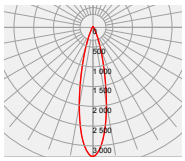
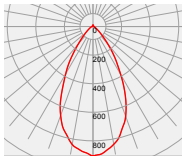
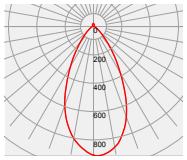
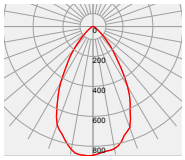
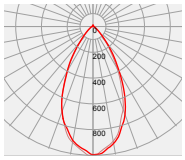
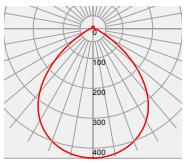
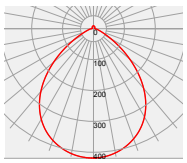
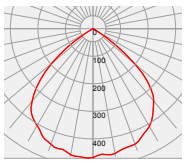
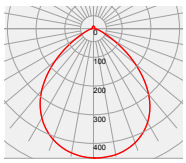
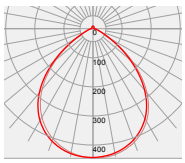
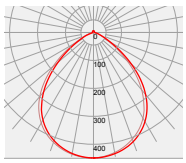
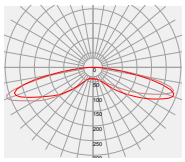
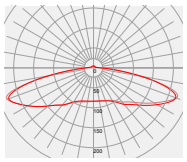
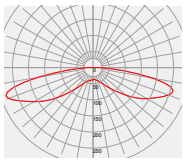
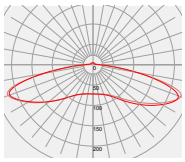
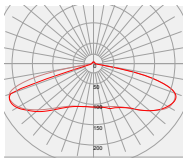
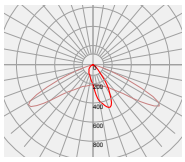
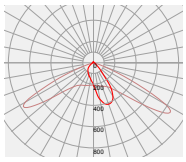
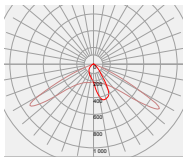
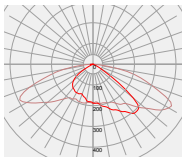
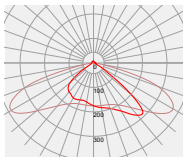
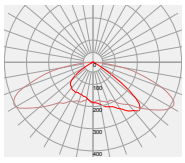
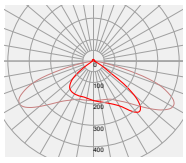
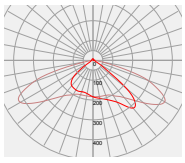
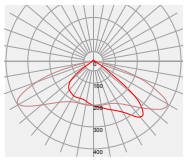
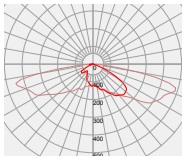
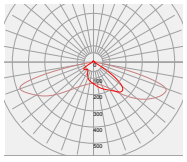
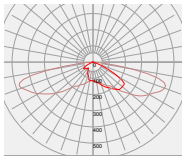
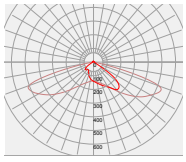
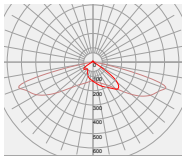
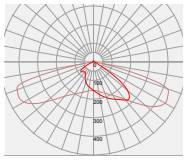
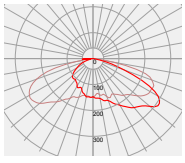
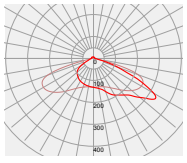
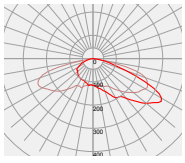
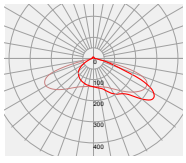
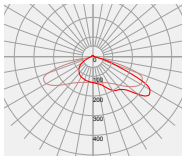
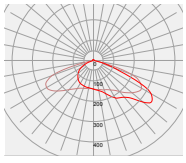
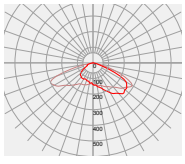
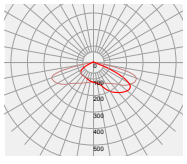
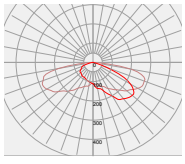
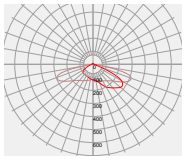
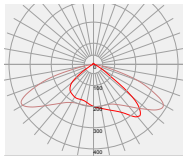
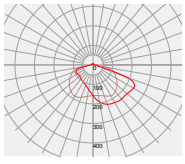
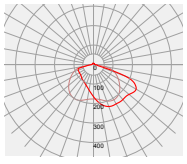
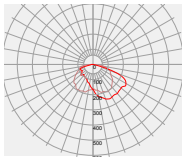
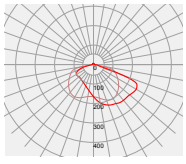
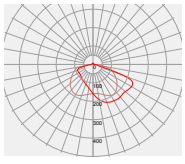
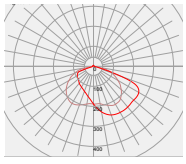
*Screw : The Maximum tightening torque for centre screw is 0.6Nm, which is mainly screw in for assembly.

© 20201110 Ledlink Optics, Inc. All rights reserved.

Downloaded from Arrow.com.

Photometric Distribution

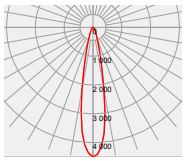
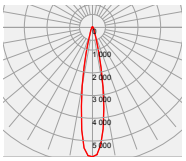
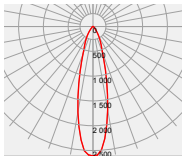
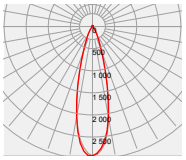
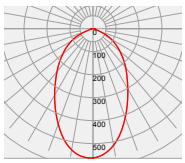
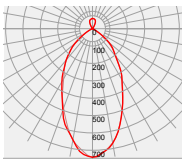
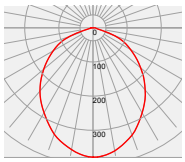
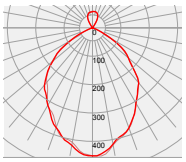
LL12ZZ-CRC××L19

LED	NICHIA 757D	EDISON 3030	LG Innotek 3030	LUMILEDS LUXEON 3030	LUMILEDS LUXEON 3030	LUMILEDS LUXEON 3030 2D (With Glass)
25°				-		-
55°				-		-
90°						
150°				-		
40°×135°	-	-			-	
45°×145°						
45°×155°						
60°×145°						
60°×155°				-		
75°×140°						

© 20201110 Ledlink Optics, Inc. All rights reserved.

Downloaded from Arrow.com.

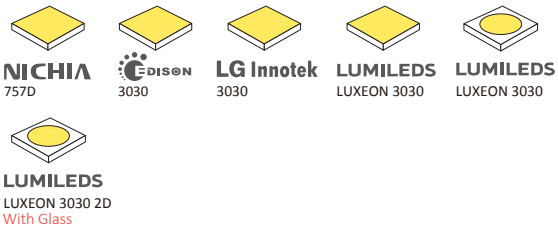
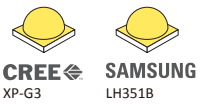
LL12SS-CRC××L19

LED	CREE XP-G3	SAMSUNG LH351B
10°		
25°		
55°		
90°		

© 20201110 Ledlink Optics, Inc. All rights reserved.

Downloaded from Arrow.com.

Details by LED

Part No	Accessories	LED Package Size	LED
LL12ZZ-CRC××L19	-	3030	
LL12SS-CRC××L19	-	3535	

LED	Part No	Type	FWHM	cd / lm	IES
NICHIA 757D	LL12ZZ-CRC25L19	-	23°	3.0	
	LL12ZZ-CRC55L19	-	55°	0.9	
	LL12ZZ-CRC90L19	-	92°	0.4	
	LL12ZZ-CRC150L19	VS-Medium	160°	0.3	
	LL12ZZ-CRC40135L19	-	-	-	-
	LL12ZZ-CRC45145L19	II-Short	88°×151°	0.4	
	LL12ZZ-CRC45155L19	II-Medium	69°×161°	0.6	
	LL12ZZ-CRC60145L19	III-Short	59°×°153	0.4	
	LL12ZZ-CRC60155L19	III-Medium	66°×144°	0.6	
	LL12ZZ-CRC75140L19	IV-Short	85°×154°	0.5	
EDISON 3030	LL12ZZ-CRC25L19	-	25°	2.5	
	LL12ZZ-CRC55L19	-	52°	0.9	
	LL12ZZ-CRC90L19	-	90°	0.4	
	LL12ZZ-CRC150L19	V-Medium	160°	0.2	
	LL12ZZ-CRC40135L19	-	-	-	-
	LL12ZZ-CRC45145L19	II-Short	98°×147°	0.4	
	LL12ZZ-CRC45155L19	II-Medium	61°×153°	0.5	
	LL12ZZ-CRC60145L19	III-Short	44°×148°	0.4	
LG Innotek 3030	LL12ZZ-CRC25L19	-	26°	3.0	
	LL12ZZ-CRC55L19	-	60°	0.8	
	LL12ZZ-CRC90L19	-	96°	0.4	
	LL12ZZ-CRC150L19	VS-Medium	163°	0.2	
	LL12ZZ-CRC40135L19	I-Short	33°×132°	1.0	
	LL12ZZ-CRC45145L19	II-Short	93°×153°	0.4	
	LL12ZZ-CRC45155L19	III-Medium	61°×160°	0.5	
	LL12ZZ-CRC60145L19	III-Short	43°×153°	0.4	
	LL12ZZ-CRC60155L19	III-Medium	59°×163°	0.4	
	LL12ZZ-CRC75140L19	IV-Medium	83°×141°	0.5	

© 20201110 Ledlink Optics, Inc. All rights reserved.

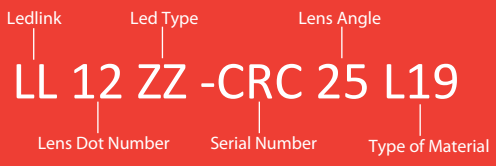
Downloaded from Arrow.com.

LED	Part No	Type	FWHM	cd / lm	IES
LUMILEDS LUXEON 3030	LL12ZZ-CRC25L19	-	-	-	-
	LL12ZZ-CRC55L19	-	-	-	-
	LL12ZZ-CRC90L19	-	92°	0.4	⬇
	LL12ZZ-CRC150L19	-	-	-	-
	LL12ZZ-CRC40135L19	I-Short	37°×129°	1.0	⬇
	LL12ZZ-CRC45145L19	II-Short	97°×147°	0.4	⬇
	LL12ZZ-CRC45155L19	II-Medium	60°×149°	0.6	⬇
	LL12ZZ-CRC60145L19	III-Short	45°×148°	0.5	⬇
	LL12ZZ-CRC60155L19	-	-	-	-
	LL12ZZ-CRC75140L19	IV-Short	85°×151°	0.5	⬇
LUMILEDS LUXEON 3030	LL12ZZ-CRC25L19	-	23°	3.2	⬇
	LL12ZZ-CRC55L19	-	54°	1.0	⬇
	LL12ZZ-CRC90L19	-	91°	0.4	⬇
	LL12ZZ-CRC150L19	V-Short	160°	0.2	⬇
	LL12ZZ-CRC40135L19	-	-	-	-
	LL12ZZ-CRC45145L19	II-Short	96°×146°	0.4	⬇
	LL12ZZ-CRC45155L19	II-Medium	58°×152°	0.6	⬇
	LL12ZZ-CRC60145L19	III-Short	43°×147°	0.5	⬇
	LL12ZZ-CRC60155L19	III-Medium	50°×155°	0.7	⬇
	LL12ZZ-CRC75140L19	IV-Medium	87°×150°	0.5	⬇
LUMILEDS LUXEON 3030 2D With Glass	LL12ZZ-CRC25L19	-	-	-	-
	LL12ZZ-CRC55L19	-	-	-	-
	LL12ZZ-CRC90L19	-	91°	0.4	⬇
	LL12ZZ-CRC150L19	-	149°	0.2	⬇
	LL12ZZ-CRC40135L19	I-Short	33°×125°	1.1	⬇
	LL12ZZ-CRC45145L19	II-Short	94°×144°	0.4	⬇
	LL12ZZ-CRC45155L19	II-Short	64°×151°	0.5	⬇
	LL12ZZ-CRC60145L19	III-Short	46°×146°	0.4	⬇
	LL12ZZ-CRC60155L19	II-Short	95°×144°	0.4	⬇
	LL12ZZ-CRC75140L19	IV-Short	90°×134°	0.4	⬇
CREE XP-G3	LL12SS-CRC10L19	-	19°	4.4	⬇
	LL12SS-CRC25L19	-	25°	2.6	⬇
	LL12SS-CRC55L19	-	67°	0.5	⬇
	LL12SS-CRC90L19	-	98°	0.3	⬇
SAMSUNG LH351B	LL12SS-CRC10L19	-	19°	5.6	⬇
	LL12SS-CRC25L19	-	26°	2.9	⬇
	LL12SS-CRC55L19	-	56°	0.7	⬇
	LL12SS-CRC90L19	-	88°	0.4	⬇

© 20201110 Ledlink Optics, Inc. All rights reserved.

Downloaded from Arrow.com.

Product Nomenclature



Ledlink Optics, Inc
Taiwan HQ
15F, No.655,Bannan Rd., Chung-Ho Dist.,
New Taipei City, Taiwan 235

Ledlink Optics (Dongguan) Co., Ltd
Dongguan Factory
No.5, TianKeng Industrial Dist., HengLi Town, DongGuan City,
GuangDong Province, China 523478

Ledlink Optics (Yangzhou) Co., Ltd
Yangzhou Factory
No.180, LinJiang Rd., YangZhou City, Jiangsu Province, China 225009

www.ledlink-optics.com

service@ledlink-optics.com

© 20201110 Ledlink Optics, Inc. All rights reserved.

Downloaded from Arrow.com.