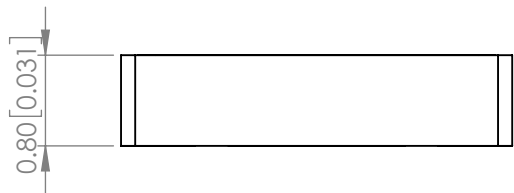
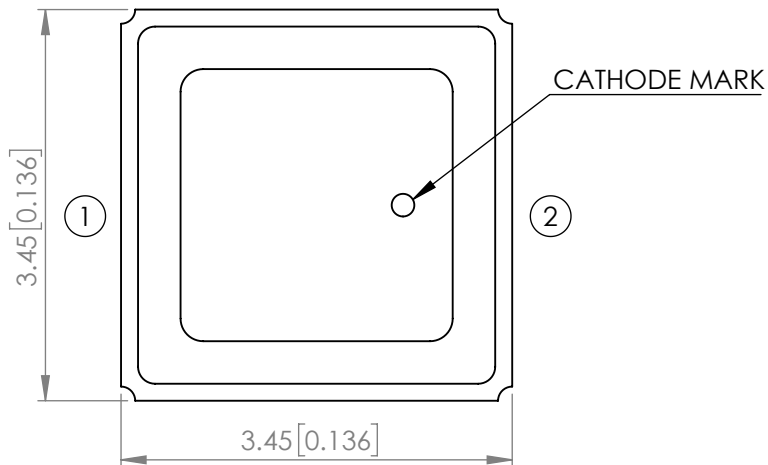
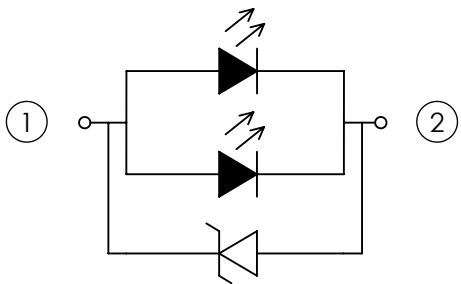


PART NUMBER		SML-LXF3535UVCC10	REV	CA
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	ECN-Lumex202000062			09.10.20



POLARITY

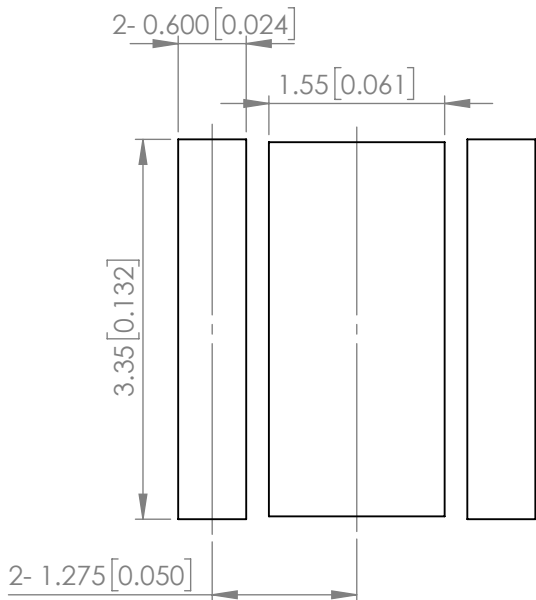
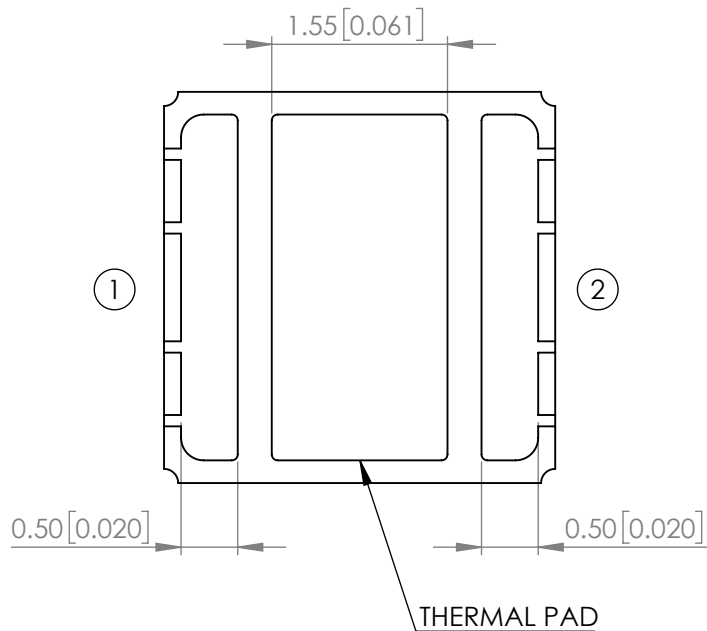


ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	270	-	285	nm	If=100mA
FORWARD VOLTAGE	5.0	-	7.0	Vf	If=100mA
RADIANT FLUX	8	-	10	mW	If=100mA
VIEWING ANGLE	-	120	-	2x theta1/2	-
EMITTED COLOR	UVC				
EPOXY LENS FINISH	GLASS				

- 1.RADIANT FLUX MEASUREMENT TOLERANCE:±10%
- 2.PEAK WAVELENGTH MEASUREMENT TOLERANCE: ±1nm
- 3.FORWARD VOLTAGE MEASUREMENT TOLERANCE: ±2%
- 4.VIEW ANGLE TOLERANCE:± 5°

RECOMMENDED SOLDER PAD LAYOUT



ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
MAX FORWARD CURRENT	150	mA
POWER DISSIPATION	0.7	mW
THERMAL RESISTANCE	20	°C/W
STORAGE TEMPERATURE	-40 TO +100	°C
OPERATING TEMPERATURE	-30 TO +60	°C

*t<10us

STATIC DEVICE FOLLOW PROPER
E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART

MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= ^{+DECIMAL PRECISION}/_{-0.00} MAX.= ^{+0.00}/_{-DECIMAL PRECISION}



425 N. GARY AVE.
CAROL STREAM, IL 60188
PHONE : 800-278-5666
FAX : 630-315-2150
WEB : WWW.LUMEX.COM

3.45(L)*3.45(W)*.8(H)mm, 275nm Ultra-Violet, 10mW RADIANT FLUX, 2 UVC CHIP, TAPE & REEL.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.

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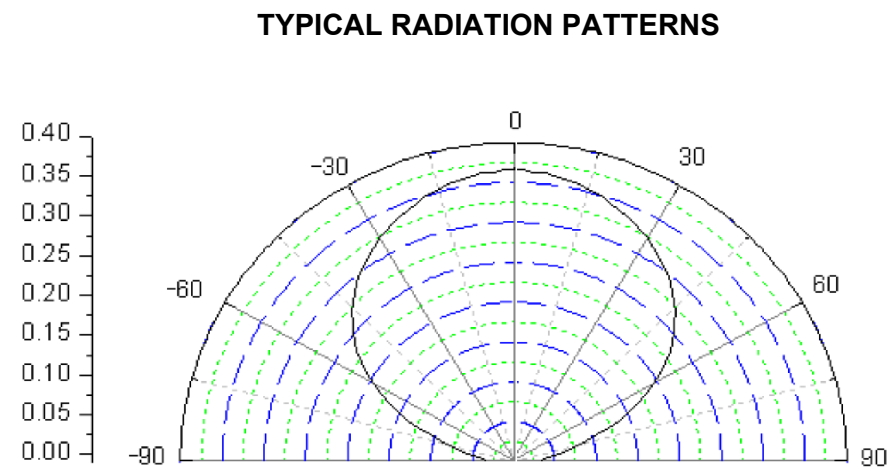
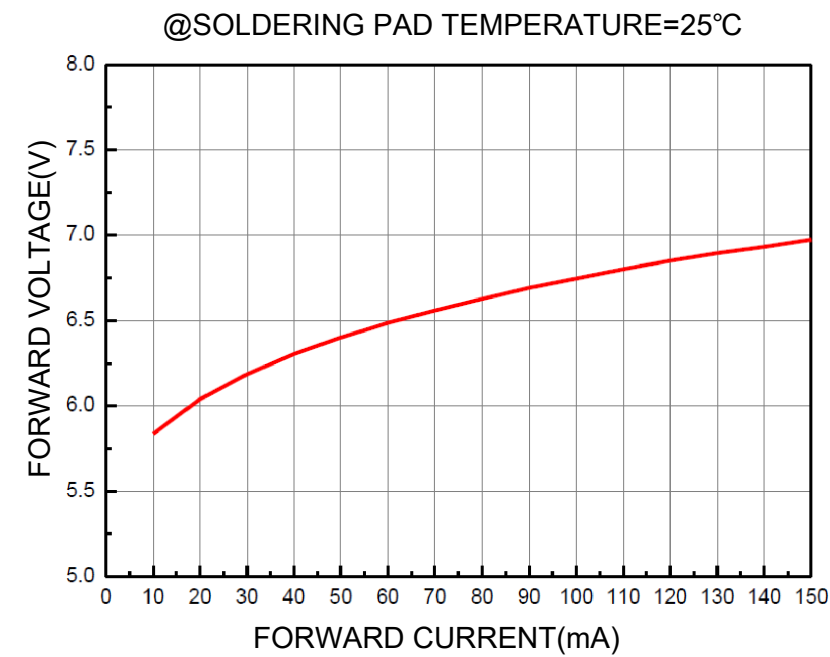
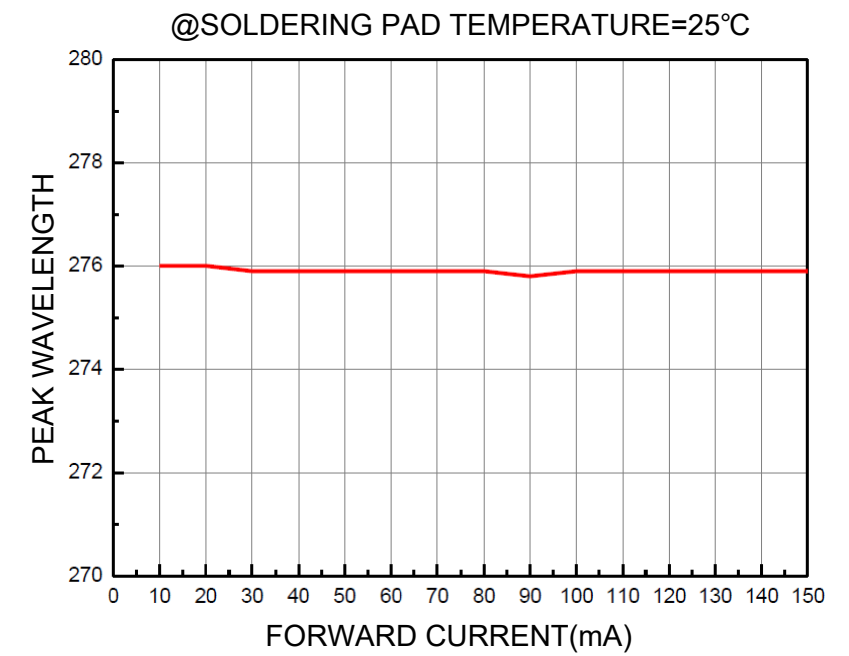
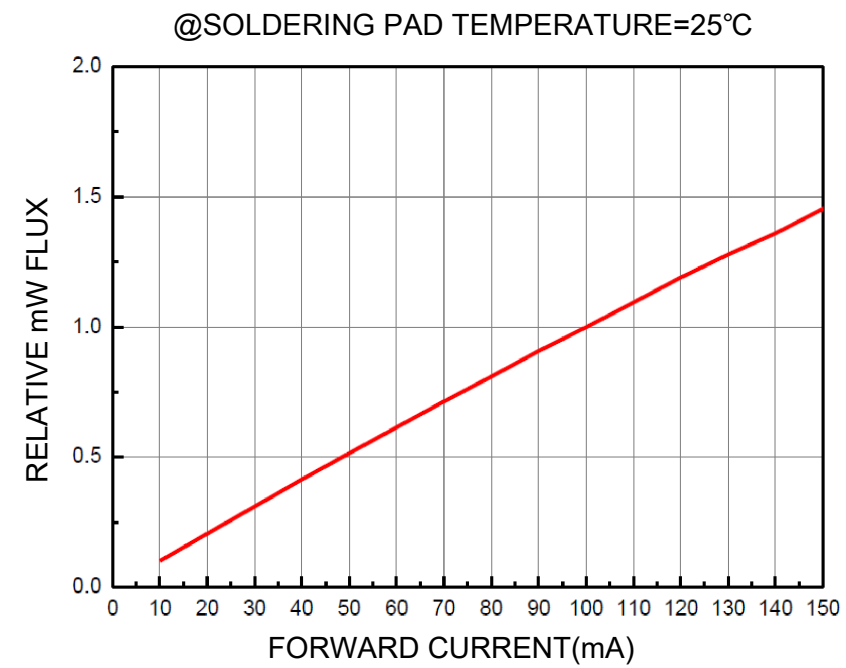
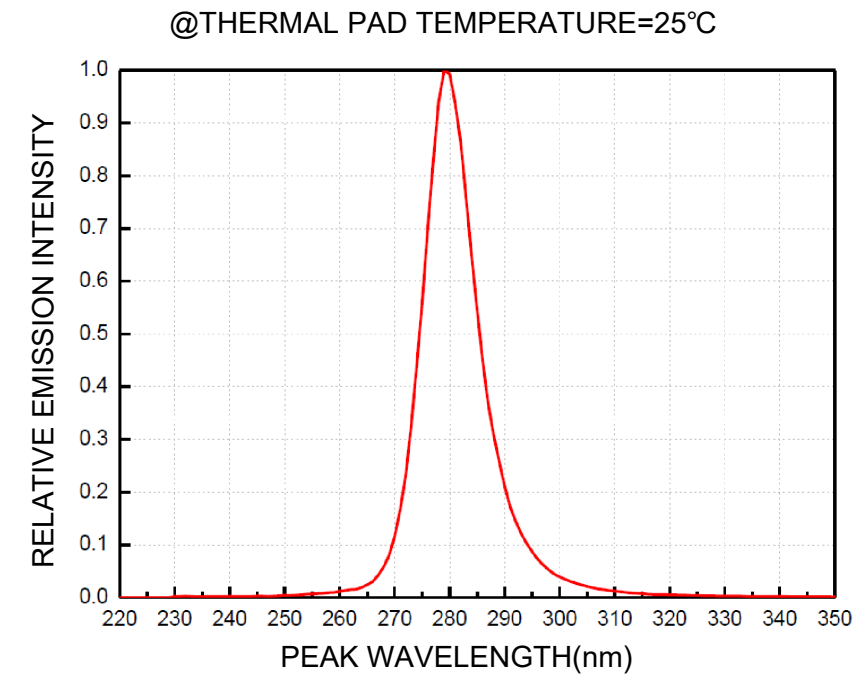
SCALE : NTF

APRVD BY : G.Y.

UNIT : mm [INCH]



TYPICAL CHARACTERISTICS CURVES:



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= ^{+DECIMAL PRECISION}_{-0.00} MAX.= ^{+0.00}_{-DECIMAL PRECISION}



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PAGE : 2 OF 4	CHKD BY : E.C.
SCALE : NTF	APRVD BY : G.Y.
UNIT : mm [INCH]	

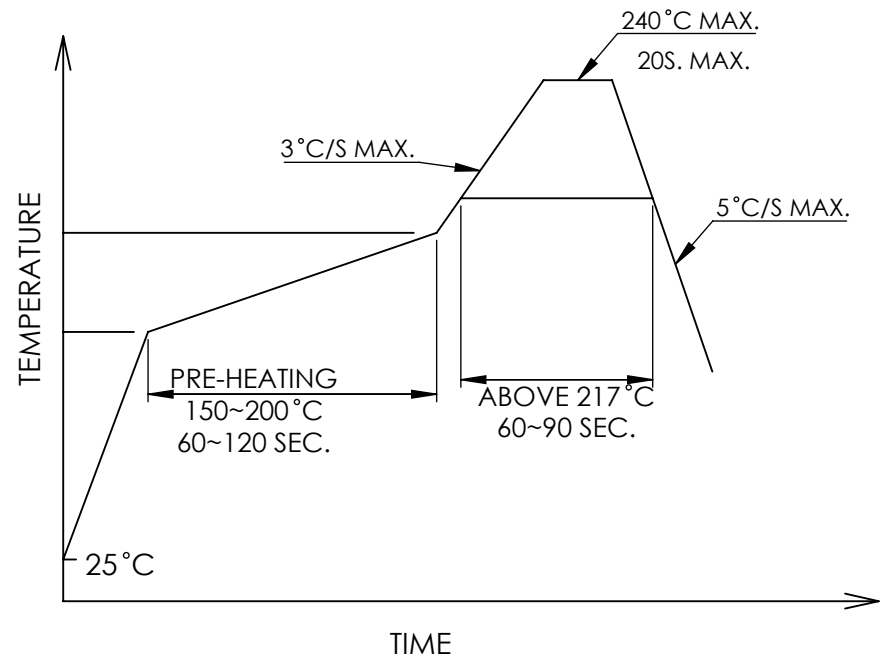
BIN TABLE

REAK WAVELENGTH		
BIN CODE	RANGE	UNIT
W1	270~275	nm
W2	275~280	
W3	280~285	

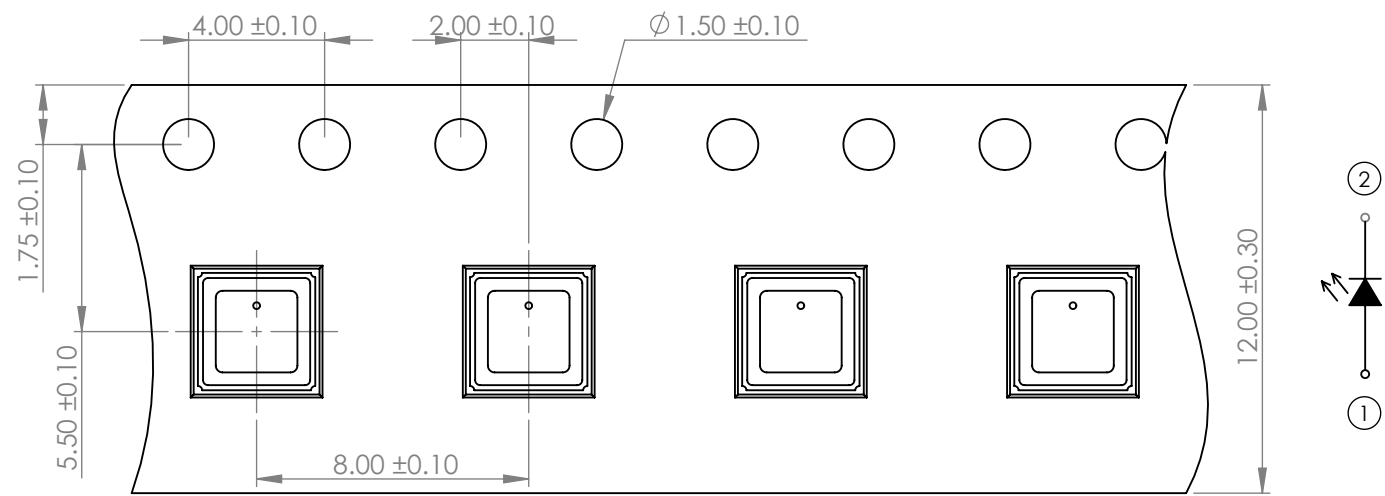
RADIANT FLUX		
BIN CODE	RANGE	UNIT
F1	8.0~10.0	mW
F2	10.0~15.0	

FORWARD VOLTAGE		
BIN CODE	RANGE	UNIT
V1	5.0~5.5	V
V2	5.5~6.0	
V3	6.0~6.5	
V4	6.5~7.0	

PROFILE



CARRIER TAPE DIMENSION



NOTE
1.PACKAGE : 1000pcs/REEL

STORAGE CONDITION:

1. Before the package is opened : The LEDs should be stored at 30°C or less and 85%RH or less after being shipped from Everlight and the storage life limits are 1 year. The LEDs can be stored up to 3 years if in a sealed container with a nitrogen atmosphere and moisture absorbent material.
2. After opening the package: The LED's shelf life is 168H under 30°C or less and 60 % RH or less. If unused LEDs remain, it should be stored in moisture proof packages.
3. If the moisture absorbent material (silica gel) has faded away or the LEDs have exceeded the storage time, baking treatment should be performed using the following conditions. Baking treatment: 60±5 for 24 hours.

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