



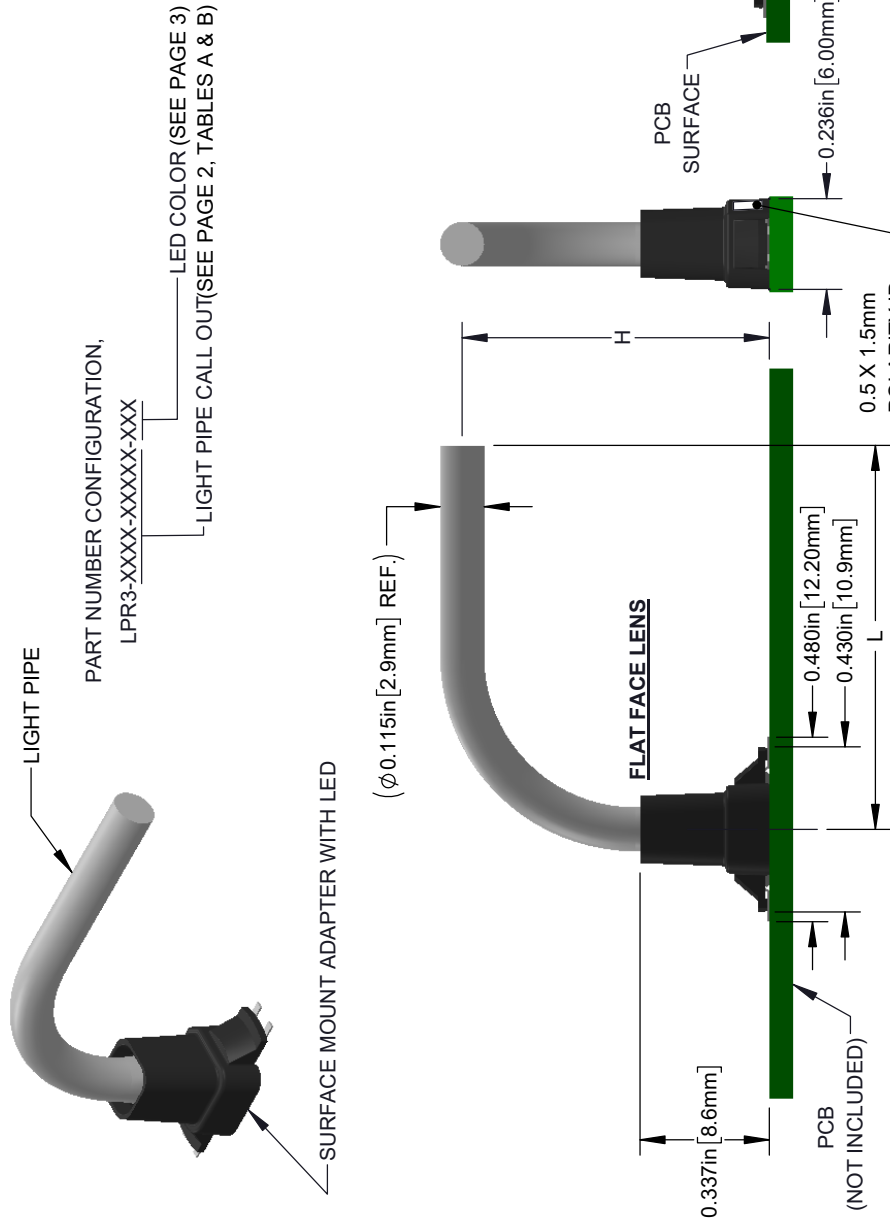
**THE DATASHEET OF
LPR3-0800-2000F-RGB**



NOTES:

1. PARTS ARE SHIPPED NON-ASSEMBLED.
2. SEE SHEET 4 FOR PACKAGING PLAN.

REV.	DESCR
B	Engineering Release
C	ECO-1231 - Add Bent Pin T
D	ECO-1250 - Updated Com
E	ECO-1279 - Updated MFG



LIGHT PIPE

PART NUMBER CONFIGURATION,
LPR3-XXXX-XXXXX-XXX

LIGHT PIPE CALL OUT(SEE PAGE 2, TABLES A & B)

LED COLOR (SEE PAGE 3)

SURFACE MOUNT ADAPTER WITH LED

FLAT FACE LENS

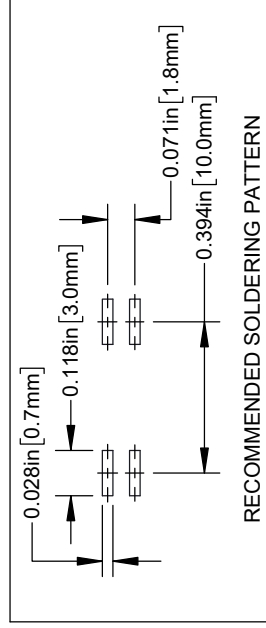
DOME FACE

PCB
SURFACE

(NOT INCLUDED)

DIMENSIONS ARE APPLICABLE TO BOTH
LENS FACES UNLESS OTHERWISE NOTED

CUSTOMER



RECOMMENDED SOLDERING PATTERN

STANDARD TOLERANCE
(UNLESS OTHERWISE SPECIFIED)

DECIMALS	ANGULAR
X ±.1	X° ±1°
.XX ±.02	
.XXX ±.010	

DESIGNED:	DATE:
K. BARON	7/11/2018
REVISED:	DATE:
K. BARON	8/1/2024
CHECKED:	DATE:
D. ASHBY	8/1/2024

REV.

DESCR

See Sheet 1

STANDARD ORDERING INFORMATION

TABLE A - FLAT FACE LENS

PART NO.	H ±.01	L ±.01
LPR3-0800-0700F-XXX	0.800 [20.3mm]	0.700 [17.8mm]
LPR3-0800-1000F-XXX		1.000 [25.4mm]
LPR3-0800-1500F-XXX		1.500 [38.1mm]
LPR3-0800-2000F-XXX		2.000 [50.8mm]
LPR3-0800-2500F-XXX	1.000 [25.4mm]	2.500 [63.5mm]
LPR3-0800-3000F-XXX		3.000 [76.2mm]
LPR3-1000-0700F-XXX		0.700 [17.8mm]
LPR3-1000-1000F-XXX		1.000 [25.4mm]
LPR3-1000-1500F-XXX	1.000 [25.4mm]	1.500 [38.1mm]
LPR3-1000-2000F-XXX		2.000 [50.8mm]
LPR3-1000-2500F-XXX		2.500 [63.5mm]
LPR3-1000-3000F-XXX		3.000 [76.2mm]
LPR3-1250-0700F-XXX	1.250 [31.8mm]	0.700 [17.8mm]
LPR3-1250-1000F-XXX		1.000 [25.4mm]
LPR3-1250-1500F-XXX		1.500 [38.1mm]
LPR3-1250-2000F-XXX		2.000 [50.8mm]
LPR3-1250-2500F-XXX	1.250 [31.8mm]	2.500 [63.5mm]
LPR3-1250-3000F-XXX		3.000 [76.2mm]

TABLE B - DOME FACE LENS

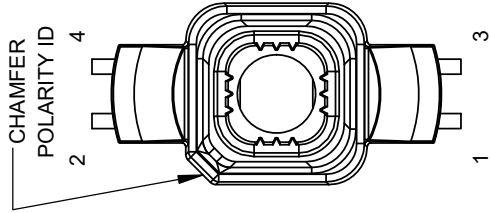
PART NO.	H ±.01
LPR3-0800-0700D-XXX	0.800 [20.3mm]
LPR3-0800-1000D-XXX	
LPR3-0800-1500D-XXX	
LPR3-0800-2000D-XXX	
LPR3-0800-2500D-XXX	1.000 [25.4mm]
LPR3-0800-3000D-XXX	
LPR3-1000-0700D-XXX	
LPR3-1000-1000D-XXX	
LPR3-1000-1500D-XXX	1.000 [25.4mm]
LPR3-1000-2000D-XXX	
LPR3-1000-2500D-XXX	
LPR3-1000-3000D-XXX	
LPR3-1250-0700D-XXX	1.250 [31.8mm]
LPR3-1250-1000D-XXX	
LPR3-1250-1500D-XXX	
LPR3-1250-2000D-XXX	
LPR3-1250-2500D-XXX	1.250 [31.8mm]
LPR3-1250-3000D-XXX	

CUSTOM!

CAGE CODE: 32555

SHEET SIZE: A

Order Code XXX	Emitted Color	Peak Wave L. λ_p [nm] Chroma TYP	Electro-Optical Data @20mA, 25°C				Polarity Diagram
			V_f [V]		I_v [mcd]		
			MIN	TYP	MAX	TYP	
R130	Red	640	1.7	2.0	2.5	130	FIGURE A
R480	Red	630	1.7	2.0	2.5	480	FIGURE B
A220	Amber	610	1.7	2.0	2.5	220	
O170	Orange	590	1.7	2.0	2.5	170	
Y50	Yellow	570	1.7	2.0	2.5	50	
G850	Green	520	2.8	3.2	3.7	850	FIGURE C
B150	Blue	465	2.8	3.2	3.7	150	
W305	White	X = 0.308 Y = 0.305	2.8	3.0	3.7	1750	FIGURE D
OY	Orange	590	1.7	2.0	2.5	190	
RY	Yellow	572	1.7	2.0	2.5	60	FIGURE E
	Red	640	1.7	2.0	2.5	110	
RG	Yellow	572	1.7	2.0	2.5	55	FIGURE F
	Red	640	1.7	2.0	2.5	200	
RW	Green	520	2.8	3.2	3.7	810	FIGURE G
	Red	630	1.7	2.0	2.5	130	
RB	White	X = 0.28 Y = 0.29	2.8	3.2	3.7	520	FIGURE H
	Red	650	1.7	2.0	2.5	80	
RGB	Blue	465	2.8	3.2	3.7	150	FIGURE H
	Red	643	1.7	2.0	2.5	95	
RGB	Green	515	2.8	3.3	3.7	730	FIGURE H
	Blue	460	2.8	3.3	3.7	120	



Note: 10% Duty Cycle, Pulse Width \leq 0.1msec for Peak If.

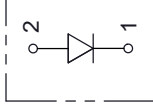


FIG. A

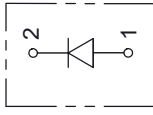


FIG. B

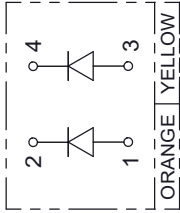


FIG. C

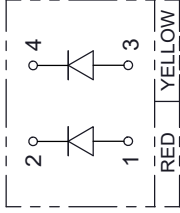


FIG. D

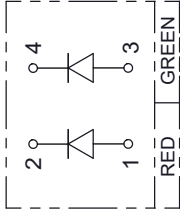


FIG. E

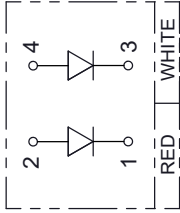


FIG. F

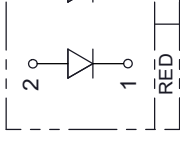


FIG. G

CAGE CODE: 32555
SHEET SIZE: A

CUSTOMER USE DRAWING

PACKAGING PLAN

PARTS ARE SHIPPED IN QUANTITY OF 400 AS IN THE FOLLOWING:

1. ONE BAG CONTAINING FOUR LIGHT PIPE PACKAGES, 100 EACH, AND ONE LEVEL 4 MOISTURE SEALED TRAY WITH 400 SURFACE MOUNT ADAPTERS.
2. BAG SIZE IS APPROXIMATELY 16 X 18 INCHES (406.4 X 457.2 mm).
3. TRAY SIZE IS APPROXIMATELY 10 X 14 X 0.6 INCHES (254 X 355.6 X 15.2 mm), INCLUDING TOP COVER AND BOTTOM TRAY. ADAPTERS ARE ARRANGED AS SHOWN IN FIGURE 1.

10 ADAPTERS IN EACH POCKET

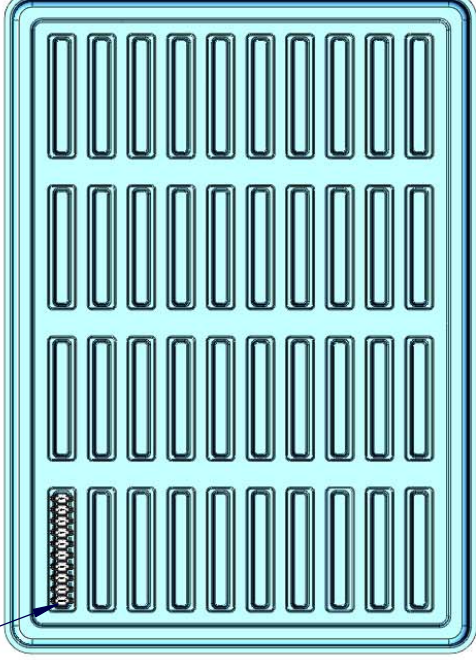
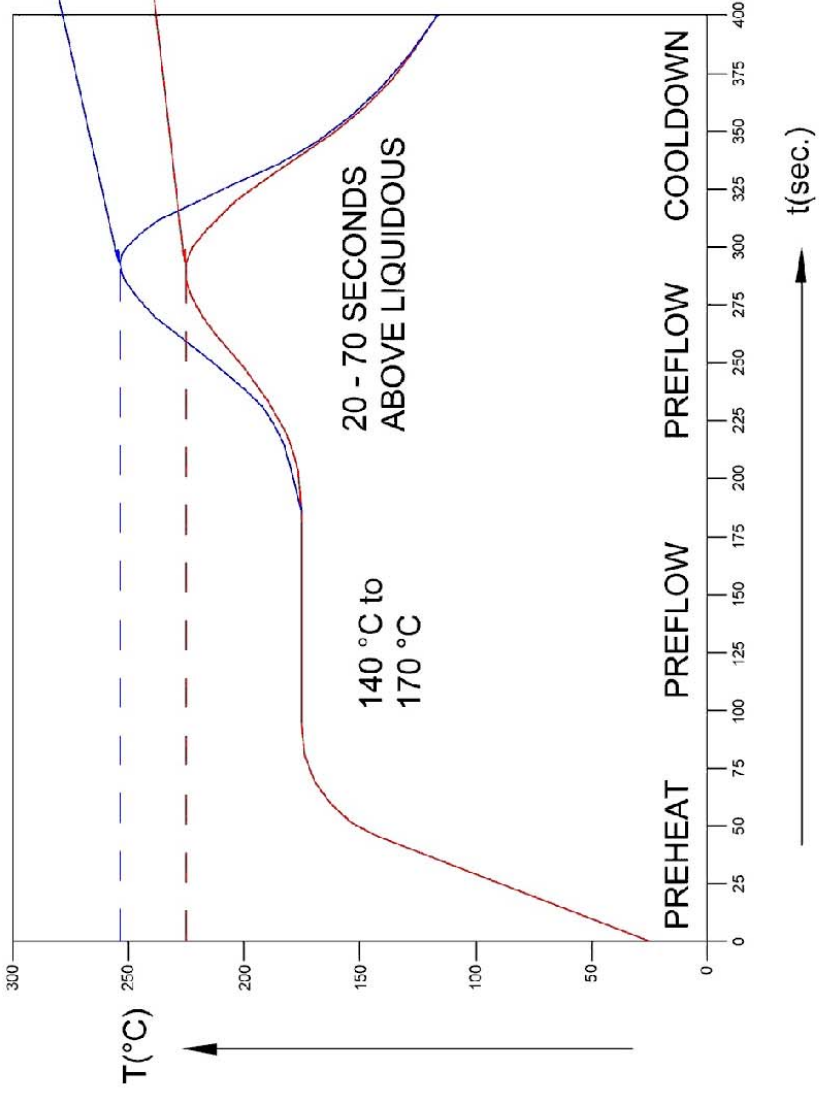


FIGURE 1
BOTTOM TRAY
4 X 10 POCKETS

CUSTOM!

CAGE CODE:	3255
SHEET SIZE:	A

RECOMMENDED REFLOW SOLDERING PROFILE



NOTE:
 1. DO NOT CLEAN AFTER SOLDERING. ONLY USE NO-CLEAN SOLDER PASTE.

CUSTOM!

CAGE CODE:	32555
SHEET SIZE:	A

Looking for pricing, stock, or lifecycle information?

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-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management