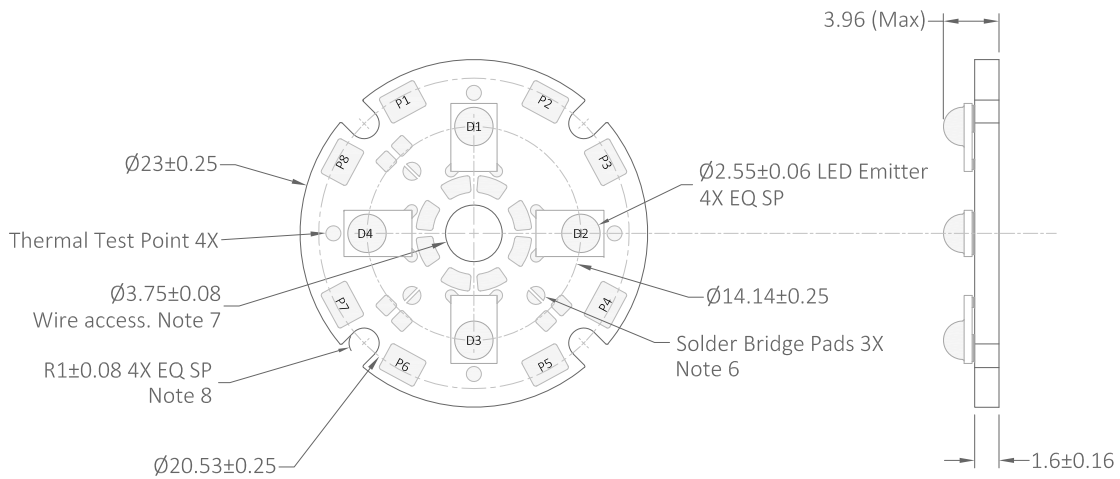
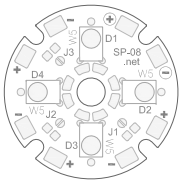
REVISIONS			
REV	DESCRIPTION	BY	DATE



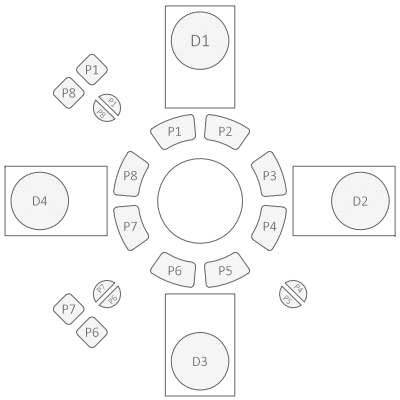
Scale 2:1

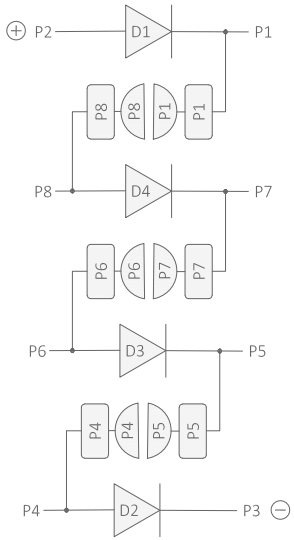


PCB Pads & Markings
Scale 1:1

NOTES:

1. Base is a SinkPAD-II aluminium MCPCB with white soldermask and black markings.
2. Bottom of the MCPCB base is uncoated and electrically neutral.
3. The LED module must be mounted to a suitable heat sink with a thermally conductive interface material such as our pre-cut thermal adhesive tape. (Part LXT-SR08-12)
4. Thermally conductive double sided tape or epoxy is recommended for fastening the LED module to the cooling surface. Mechanical fasteners are not recommended. See the datasheet for additional details.
5. See the datasheet for instructions for determining LED junction temperature.
6. See the datasheet for additional wiring connection details.
7. The center opening is to route wire connections from the rear of the module. It is not intended for fastening the module to a cooling surface.
8. The perimeter slots are to position Khatod PL1151 & PL1152 series of optics on the module. They are not intended for fastening the module to a cooling surface.





Connection Schematic
(Note 6)

Solder Pad Locations (Note 9)				
Pad ID	X Loc	Y Loc	Rotation	Size
P1	-4.7	8.7	28	2.6 x 1.9
P2	4.7	8.7	331	2.6 x 1.9
P3	8.7	4.7	298	2.6 x 1.9
P4	8.7	-4.7	62	2.6 x 1.9
P5	4.7	-8.7	28	2.6 x 1.9
P6	-4.7	-8.7	332	2.6 x 1.9
P7	-8.7	-4.7	298	2.6 x 1.9
P8	-8.7	4.7	62	2.6 x 1.9

QTY	DESCRIPTION
1	SP-08 SinkPad Aluminum MCPCB
4	LUXEON Rebel LED

Luxeon Star LEDs
service@luxeonstar.com / luxeonstar.com

PROJECT

SP-08 SinkPAD-II
Rebel 23mm Quad LED Module

Quadica Developments Inc.

PART: SP-08-XX | REV: A

SCALE	As noted	DRAWN	RW	May 15/14	SOLDER PASTE	AIM NC-258
UNITS	MM	CHECKED	CW	May 28/14	REFLOW PROFILE	Standard
TOLERANCE	As noted	ISSUED		Aug 1/14	QTY PER ARRAY	12

SinkPAD