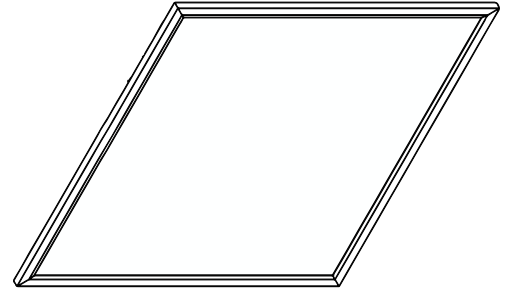


Product Description

The 2' x 2' LED Light Panel is a non-ferrous, LED Light Panel for use within a ceiling grid for general lighting. The 2' x 2' LED Light Panel was designed specifically for use in MRI scan rooms. Contains no on-board electronics therefore will not interfere with MRI imaging. Certified to meet MRI vendor EMI requirements. MRI applications require EMI free emissions for specific frequency bands. All drive circuitry employs linear regulation and no pulse width modulation (PWM*).



Mechanical				
	Minimum	Typical	Maximum	Units
Dimensions	-	23 11/16 x 23 11/16	-	inches
Electrical Connection	-	Junction Box	-	-
Fixture Weight	-	8	-	lbs

Electrical				
	Minimum	Typical	Maximum	Units
Input Voltage	-	36	-	Vdc
Input Current	-	1.1	-	A
Input Power	-	-	40	W
Heat	-	136	-	BTU/hr

Compliance				
	Minimum	Typical	Maximum	Units
Regulatory Compliance	-	Listed	-	UL2108 CSA C22.2#250.0
CE	-	Pending	-	-
RoHS	-	Pending	-	2011/65/EU

Environmental				
	Minimum	Typical	Maximum	Units
Storage Temperature	-40	25	85	C
Operating Temperature	-20	25	35	C
Humidity	5	-	95	%
Warranty	3	-	-	Years

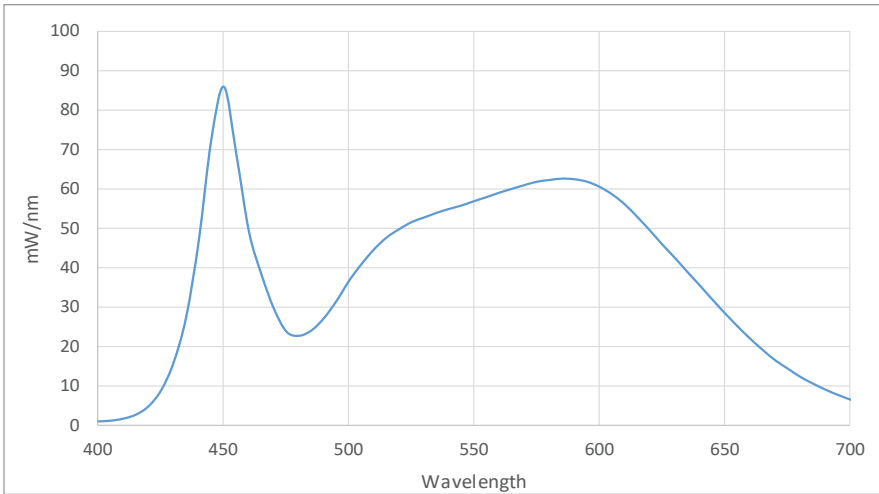
Installation Notes				
Additional support locations may be required to support an average fixture weight of 4lbs/sqft				
An Amico RF Filter is required for proper operation in the MRI suite				
An Amico Power Supply is required for proper operation in the MRI suite				
*PWM is known to cause image artifacts, audible noise and light flicker				

Photometric Data and IES Distribution				
	Minimum	Typical	Maximum	Units
Luminous Flux	-	4300	-	lm
CCT	-	5000	-	k
CRI	80	-	-	-
Chromaticity (u')	-	0.211	-	-
Chromaticity (v')	-	0.493	-	-
Efficacy	-	119.5	-	lm/W

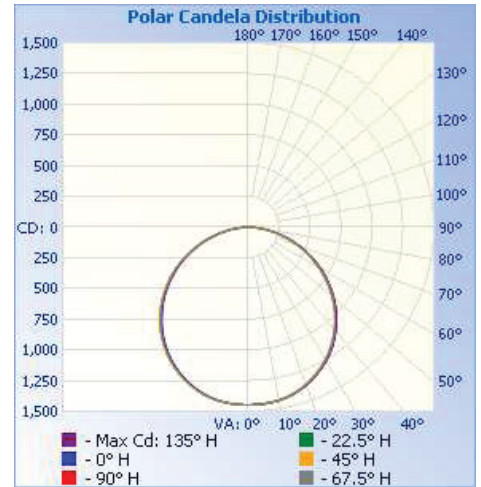
Ordering Information

Part Number	CCT	Ratings
1-07-000321	5000K Ethernet Connection	Class 2 as per UL 1310
1-07-000279	5000K LVLE Connection	Class 1 as per UL 2108

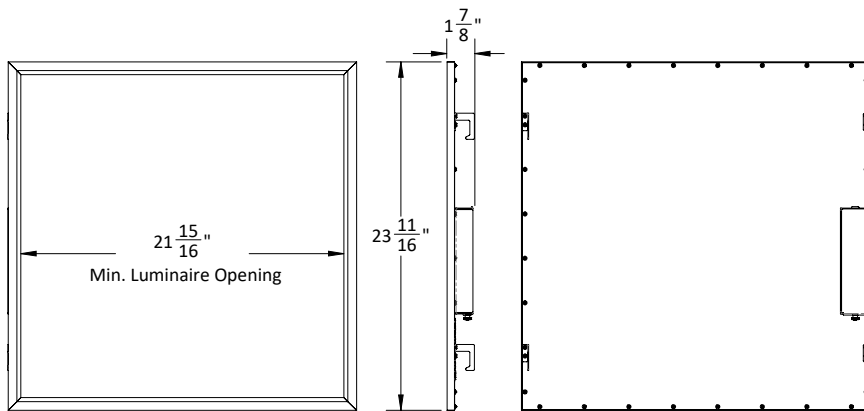
Spectral Data Over Visible Wavelength



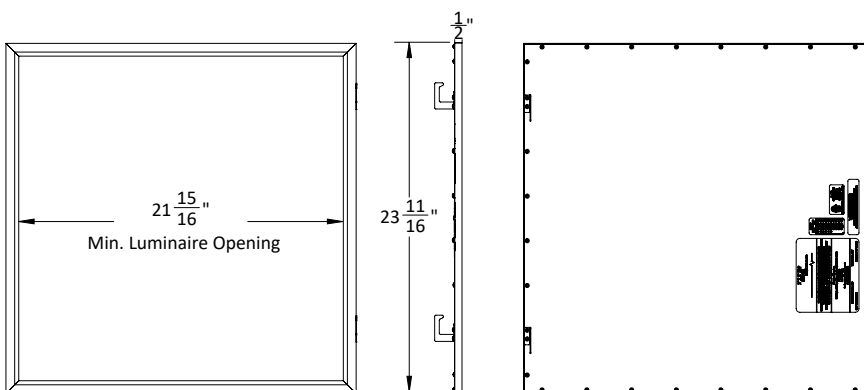
Polar Point



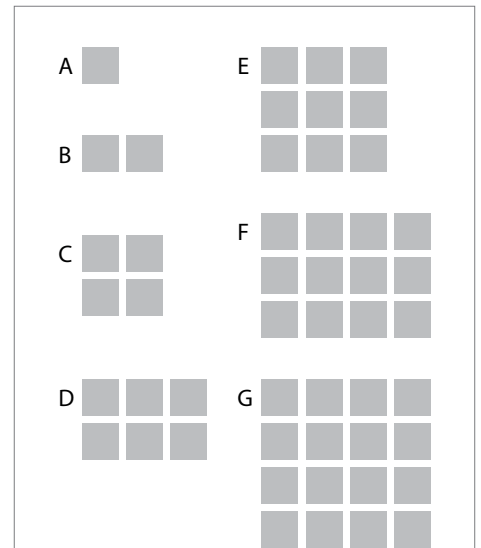
Mechanical Dimensions - 1-07-000321*



Mechanical Dimensions - 1-07-000279*



Standard Grid Layouts



Layout	Size	No. of Fixtures
A	2' x 2'	1
B	2' x 4'	2
C	4' x 4'	4
D	4' x 6'	6
E	6' x 6'	9
F	6' x 8'	12
G	8' x 8'	16

*For informational purposes only. Content subject to change.