

Product Description

The 2' x 4' Ceiling Panel is a non-ferrous, LED light troffer for use within a ceiling grid for general lighting or as an interior architectural back-light for image illumination. The 2' x 4' Ceiling 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	-	23.7 x 47.5	-	in
Electrical Connection	-	Ethernet or LVLE	-	-
Fixture Weight	-	10.0	-	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	-	UL 1598 CSA C22.2 No. 250
CE	-	Certified	-	2014/30/EU
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

Photometric

	Minimum	Typical	Maximum	Units
CCT- 1-07-000383	-	5,000	-	k
CCT- 1-07-000384	-	4,000	-	k
CCT- 1-07-000385	-	3,500	-	k
CCT- 1-07-000386	-	5,000	-	k
CRI	80	-	-	-
Efficacy	120	-	-	lm/W

Installation Notes

Additional support locations may be required to support an average fixture weight of 4 lbs/sqft

An Amico RF Filter is required for proper operation in the MRI suite

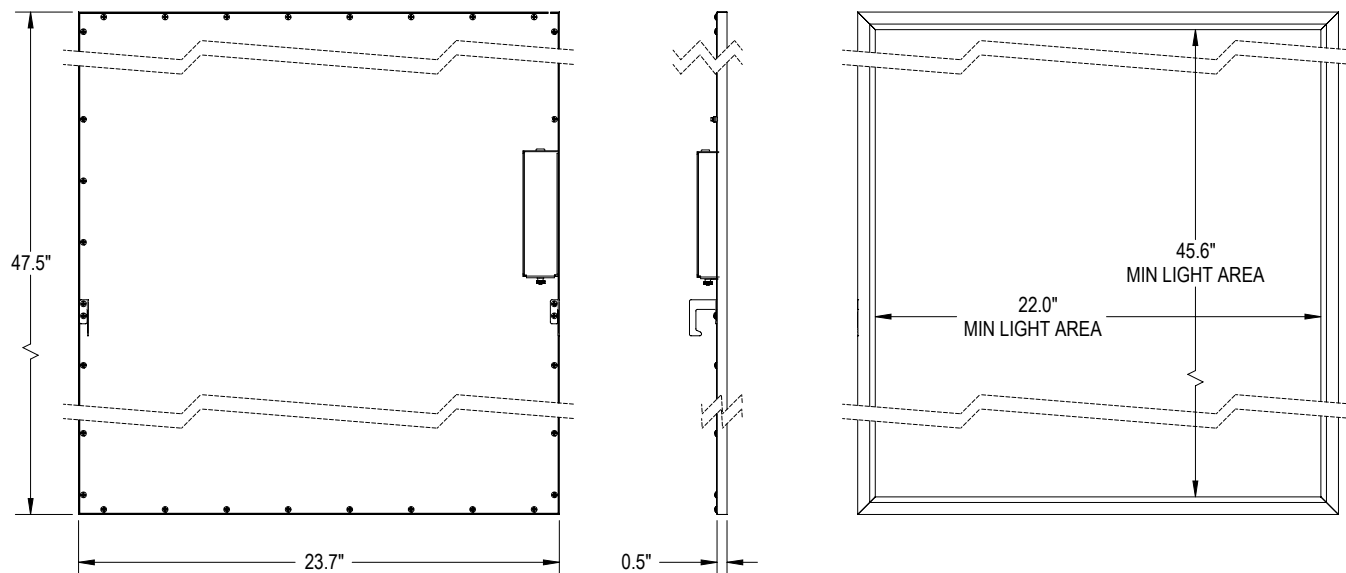
An Amico Power Supply is required for proper operation in the MRI suite

*PWM is known to cause image artifacts, audible noise and light flicker

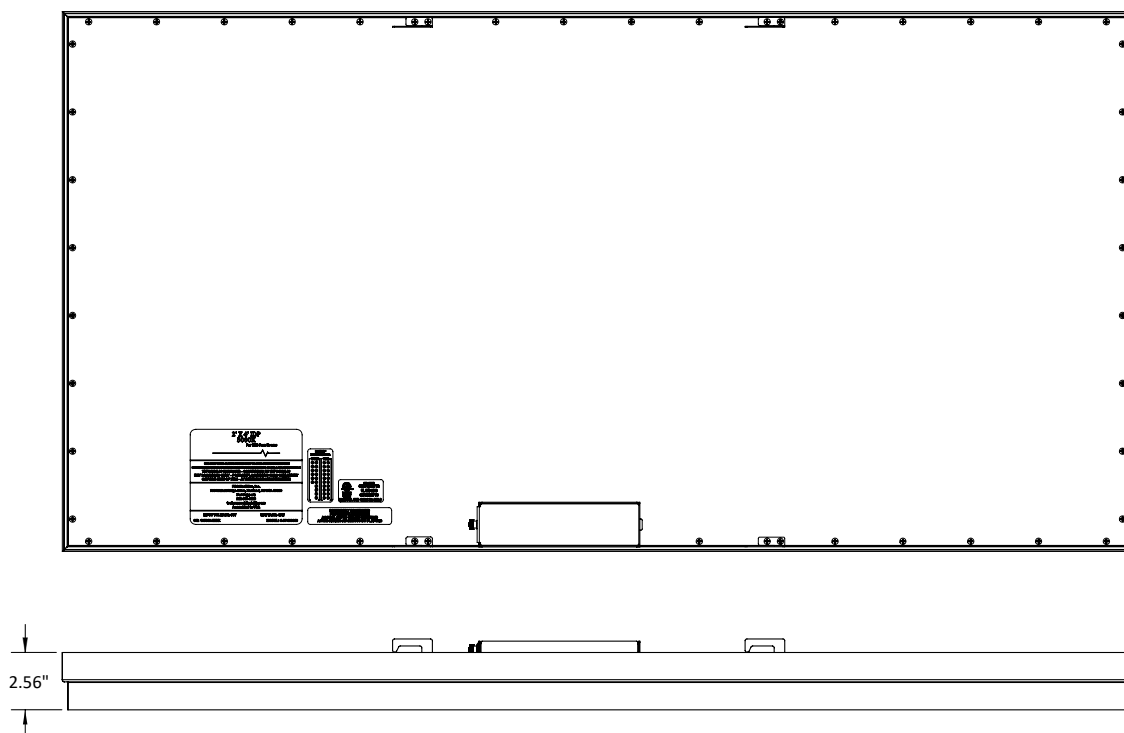
Ordering Information

Part Number	Description
1-07-000383	2' x 4' Ceiling Panel with Ethernet - 5,000K
1-07-000384	2' x 4' Ceiling Panel with Ethernet - 4,000K
1-07-000385	2' x 4' Ceiling Panel with Ethernet - 3,500K
1-07-000389	2' x 4' Ceiling Panel with LVLE Connection - 5,000K

Luminaire Dimensions*



Riser Dimensions*



**For informational purposes only. Content subject to change.*