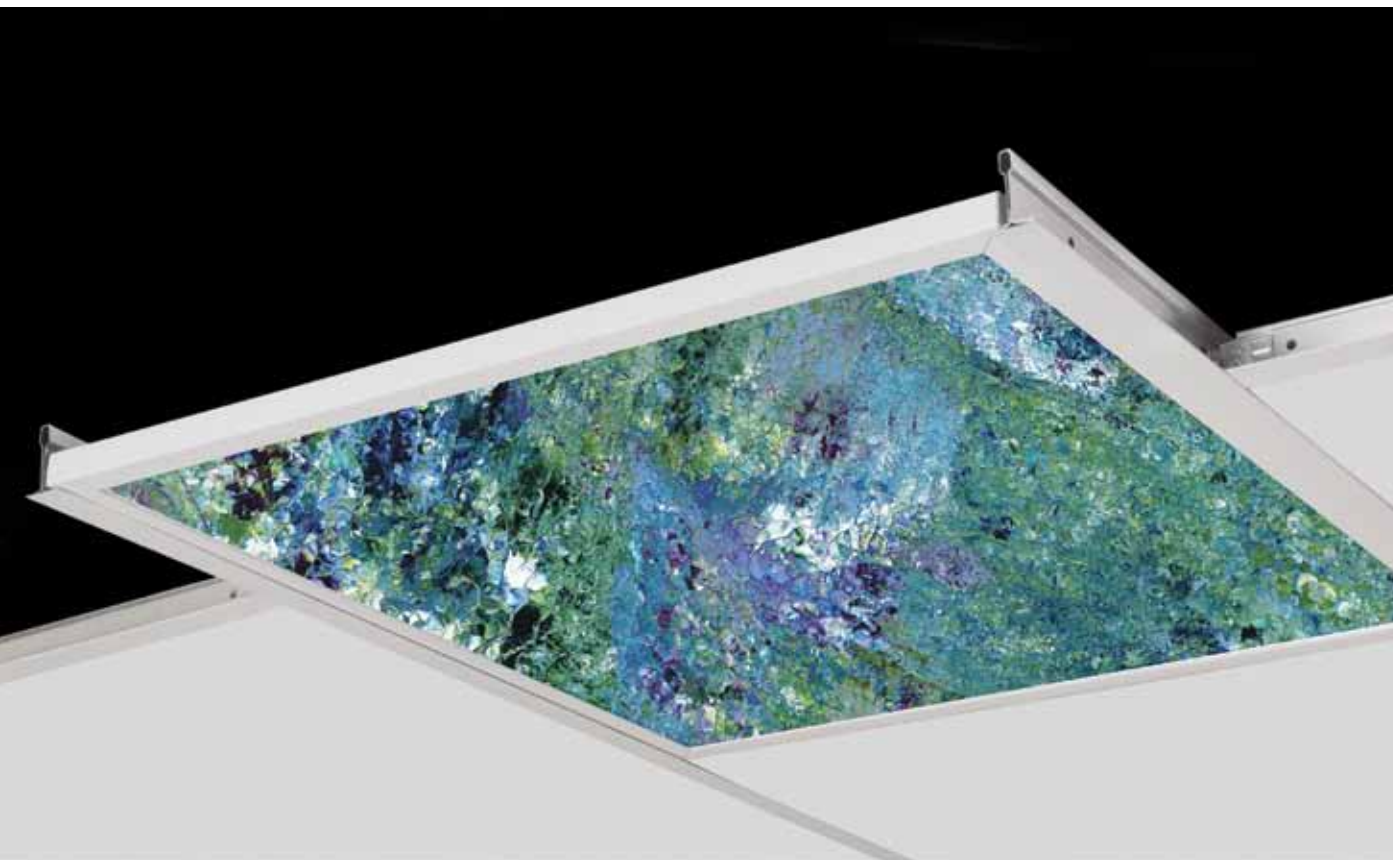


LED
LUMINOUS
CEILING
PANELS



VERSATA-TILE™



INSIGHT



Preparing the **Future**

VERSA-TILE™

Interior LED Luminous Ceiling Panels

The marketplace recognized the need for a high-performance LED ceiling product and in the past accepted low brightness, poor uniformity and low initial foot-candle levels as the standard. . . . until now! Insight introduces **Versa-Tile™**: high performance LED static white and RGB color changing ceiling tiles available in 1' X 4', 2' X 2' and 2' X 4'. Affordable grid solutions enhanced by surface and stem mounting options, including dimming and color control make Versa-Tile the consultants and owners best choice for digital ceiling lighting products. Indirect and direct options are enhanced by multiple trim/frame finishes including remote 24VDC power supplies and RGB control options!

Versa-Tile™: the light weight, long life, low load LED alternative to fluorescent lighting from Insight!



Custom Aircraft Cable
Mount with Indirect
Lighting (20%) and
Direct Lighting (80%)

INSIGHT LIGHTING LED TECHNOLOGY

- High performance solid state lighting products of today must meet three design criteria: deliver an efficient quantity of light, improve the quality of illumination, and effectively manage the thermal characteristics of the solid state lighting source.
- Insight's "product specific solid state lighting design" incorporates specific optical treatments to create high efficiencies and optical control.
- Obstacles such as heat, moisture, and electrostatic discharge are managed through a combination of physical and electronic patented processes.
- Our LED platforms are manufactured robotically and final assembly is completed in our in-house clean room.
- Our manufacturing and design methods are proven and validated with many years of solid state lighting manufacturing experience.
- Our color temperatures are accurate and reliable and binning is well within ANSI standards. You can be assured our products will perform as designed.
- Insight Lighting's 5 year warranty speaks for itself.

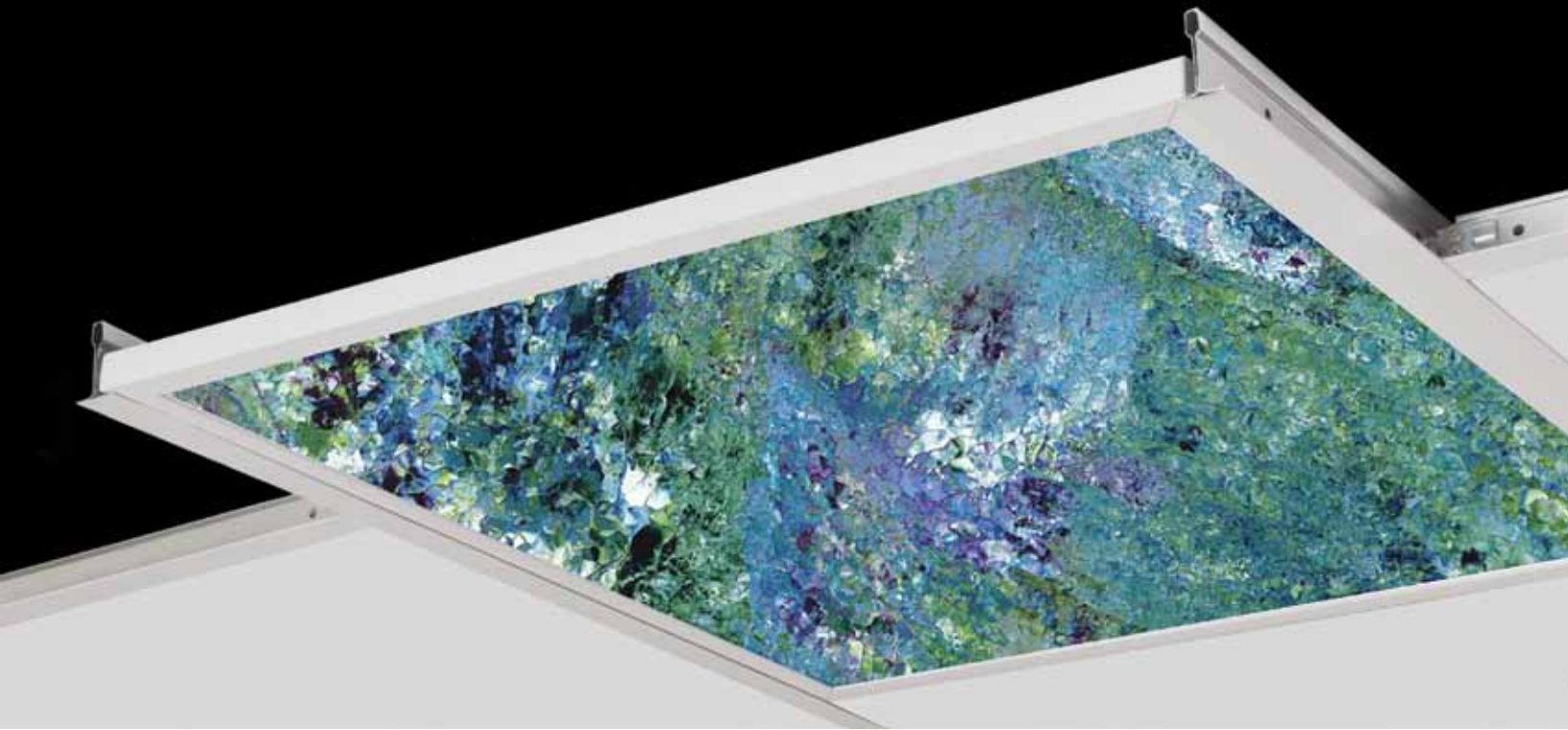
LED

5 Year
Limited
Warranty

There is no substitute for Integrity.







LIGHTING FOR HEALTHCARE ENVIRONMENTS

The use of visual art in healthcare facilities is nothing new. However, the evolutionary use of specific types of imagery intended to support intrinsic healing is gaining significant momentum across the country. Images that can calm, relax and inspire can positively impact the overall patient experience. Insight Lighting is pleased to offer selected replicated images from renowned artist Vara Kamin's original works of art. The Versatile VK Collection presents a long life, high quality, backlighting solution in concert with these specialty images for use in a wide variety of pediatric and adult clinical care settings. The Versa-Tile VK Collection also offers a unique and supportive design solution for use outside of healthcare as well.

Please contact Insight's Sales & Marketing Department (505-345-0888) for Vara Kamin collection information, Healthcare (MRI) applications and unique architectural presentations.

Vara Kamin's Impressions of Light



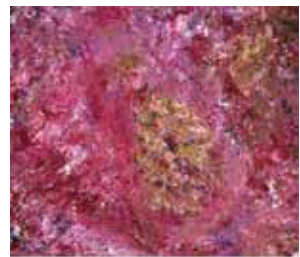
bridge of light © Vara Kamin



infinite moments © Vara Kamin



moondrops © Vara Kamin



morning passion © Vara Kamin



pricola's garden © Vara Kamin



sea garden © Vara Kamin



touching petals © Vara Kamin



summer of sundays © Vara Kamin

VERSA-TILE PRODUCT SPECIFICATIONS

LUMINAIRE CONSTRUCTION: A powder coat painted extruded aluminum frame encompasses the perimeter of a multi-layered acrylic panel system. All painted surfaces are semi-gloss white. Mounting brackets are standard.

MOUNTING OPTIONS:

T-Grid (for standard lay-in ceilings): The default T-Grid mounting allows for standard lay-in ceiling. Corner brackets are provided for additional support to structure where required (additional support wire by others).

Optional Aircraft Cable, Pendant and Surface (Ceiling/Wall). Surface mount includes a decorative mounting frame and is painted semi-gloss white.

WEIGHT: Approximately 3.2 lbs. / sq. ft.

LIGHT SOURCES: Manufactured employing a heat dissipating design for long life and high performance. White light is available in 3000K, 4000K and 5000K, (+/-200K) and RGB Color Changing.

CONTROL OPTIONS:

White Light: Dimming of white light is achieved through a simple 0-10V power supply control.

RGB: DMX control interfaces are required for RGB control and dimming.

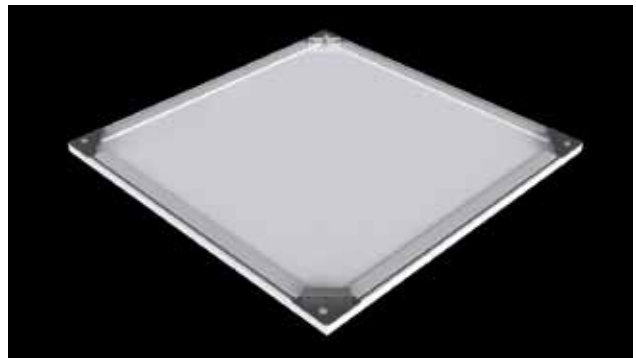
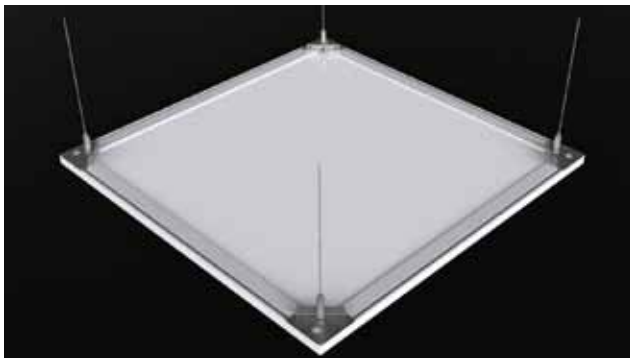
ELECTRICAL: Standard or plenum rated remote power supplies are available in 60W, 100W, 200W or 300W. Class 2, provided in 120V or 277V / 24VDC. **Versa-Tile** is provided with a 10' cable & connector as standard.

LABELS: UL/CUL 48 approved for dry locations and ceiling/plenum mount.

PHOTOMETRY: All **VERSA-TILE** products are tested to IES LM-79 & LM-80 standards. IES data is available at www.insightlighting.com/download.php.

WARRANTY: 5 Year Limited Warranty. For terms and conditions of sale and warranty obligations, please visit www.insightlighting.com.

Insight Lighting reserves the right to change specifications without notice due to product improvements.



Corner brackets are provided for additional support to structure where required (additional support wire by others).



VERSA-TILE

INTERIOR LED LUMINOUS CEILING PANELS

1. PREFIX

Cat Ref:	Description:
VT14	12" X 48" (40 Watts) - White Light only
VT22	24" X 24" (40 Watts) - White Light & RGB
VT24	24" X 48" (60 Watts) - White Light & RGB

- All fixtures require low voltage power supplies. Refer to page 9 for all remote power supply options
- For current cable options, please contact factory

2. COLOR TEMPERATURE

Cat Ref:	Description:
30K	Static White 3000°K *
40K	Static White 4000°K *
50K	Static White 5000°K *

* Must order with **CONTRA PWR** or **CONTRA DIM** power supply for remote power supply applications

RGB RGB Color Changing
Must order with **CONTRA RGB** power supply. See page 9.

3. MOUNTING

Cat Ref:	Description:
T	T-Grid Ceiling (For Standard Lay-In Ceilings) ¹
SM	Surface Mount ²
AC-X	Aircraft Cable (X = Cable Length) ²
PN-X	Pendant Mount (X = Pendant Length) ²

¹ Contact factory for alternative ceiling design (9/16") frame adapters.

² Includes decorative mounting frame, painted white.
Contact factory for additional finishes and frame modifications.
Up/Down lighting is available, contact factory for details

4. FINISH

Cat Ref:	Description:
W	Semi-Gloss White (Standard frame finish for T-Grid Ceiling in Static White)

Contact factory for additional finishes.

5. OPTIONS

Cat Ref:	Description:
DIM	0-10 Volt Power Supply Control
DMX	DMX Control Interface Required for RGB Control (Contact factory for details)
PSB	Power Supply Bridge (mounts to existing T-Grid)
FK	Flange Kit for drywall or plaster ceilings
MRI	Non-Ferrous for Non-Interference with MRI Equipment (Contact factory for availability)
UDL	Up/Down Illumination
CF	Custom Frame (for AC and PN mounting options)
VK	Vara Kamin Image Collection for Healthcare Lighting (Contact factor for additional information regarding the complete collection and available sizes)

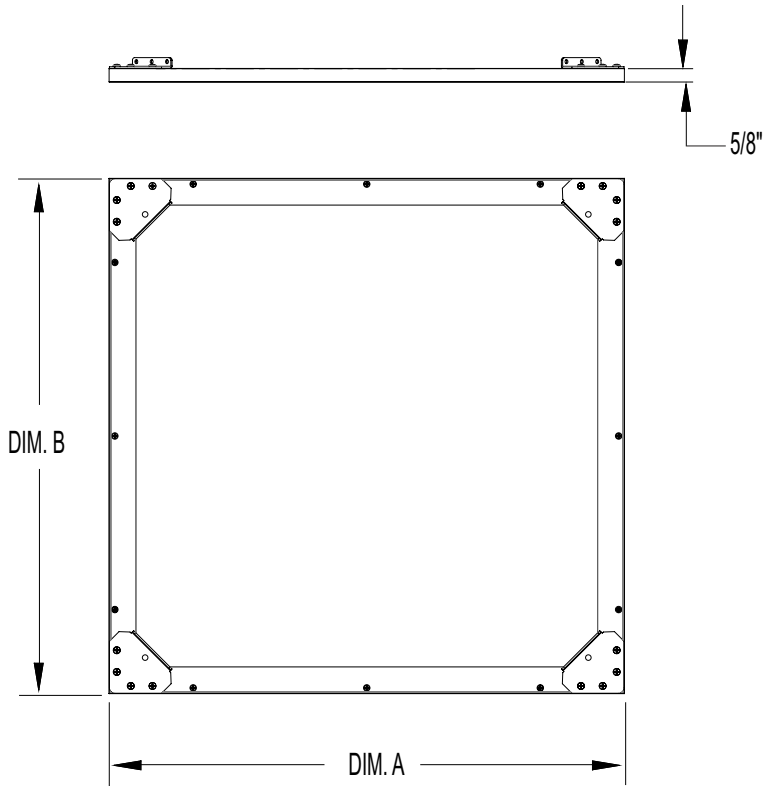
Ordering Example: **VT22 / 30K / T / W / DIM**

① ② ③ ④ ⑤



VERSA-TILE
 INTERIOR LED LUMINOUS CEILING PANELS

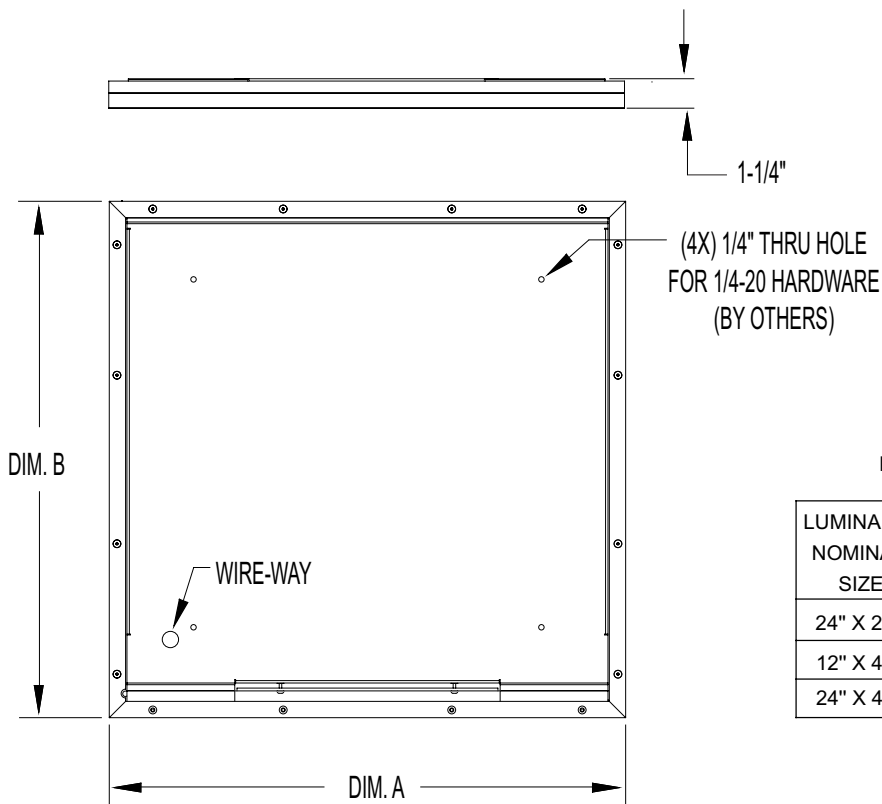
T-GRID CEILING, AIRCRAFT CABLE & PENDANT MOUNT



T-GRID CEILING, AIRCRAFT CABLE, PENDANT LUMINAIRE DIMENSIONS

LUMINAIRE NOMINAL SIZE	DIMENSION "A"	DIMENSION "B"
24" X 24"	23 - 3/4"	23 - 3/4"
12" X 48"	11 - 7/8"	47 - 3/4"
24" X 48"	23 - 3/4"	47 - 3/4"

SURFACE MOUNT



SURFACE MOUNT LUMINAIRE DIMENSIONS

LUMINAIRE NOMINAL SIZE	DIMENSION "A"	DIMENSION "B"
24" X 24"	23 - 3/4"	23 - 3/4"
12" X 48"	11 - 7/8"	47 - 3/4"
24" X 48"	23 - 3/4"	47 - 3/4"

REMOTE POWER SUPPLIES FOR ADVANCED POWER/DATA CONTROL

CONTRA ENCLOSURES & POWER SUPPLIES

ORDERING INFORMATION

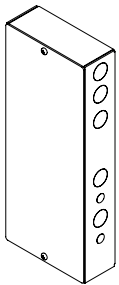
POWER SUPPLY PRODUCT	POWER SUPPLY WATTAGE & QUANTITY	POWER SUPPLY VOLTAGE	LIGHTING APPLICATION	INTERFACE	OPTIONS & ACCESSORIES
C1 = Contra 1	60 = (1)-60W (120V Only)	60W & 120W Power Supplies 1 = 120VAC 100W, 200W & 300W Power Supplies 1 = 120VAC 2 = 277VAC	PWR = Static White Output DIM = 0-10V Dimming RBG = For 9W RGB	NC = Non-connectorized outputs to fixture (Standard on PWR & DIM) C = Connectorized with plug & play connectors (Standard on RGB & DAT)	PL-120 = 120VAC Plenum Rated Thermal Protector PL-277 = 277VAC Plenum Rated Thermal Protector (100W, 200W, 300W power supplies only) CD = 1/2" Conduit ready
	100 = (1)-100W				
C2 = Contra 2	120 = (2)-60W (120V Only)				
C3 = Contra 3	200 = (2)-100W				
	180 = (3)-60W (120V Only)				
	300 = (3)-100W				

Voltage: CONTRA power supplies are 120VAC or 277VAC, output 24VDC.

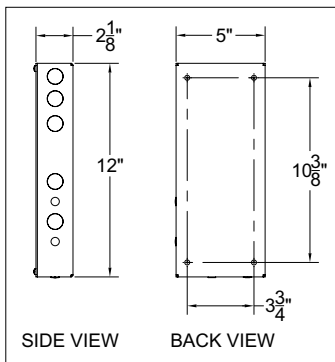
Contact factory for additional power supply options.

CONTRA 1

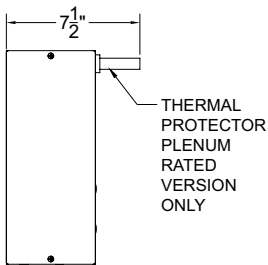
CONDUIT READY VERSION SHOWN



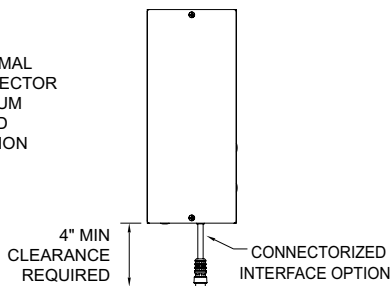
MOUNTING DETAIL



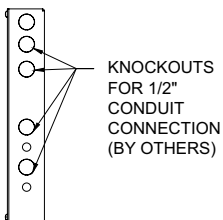
PLENUM RATED FRONT VIEW



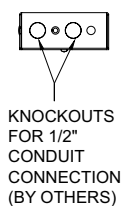
CONNECTORIZED FRONT VIEW



CONDUIT READY SIDE VIEW

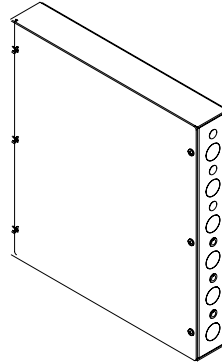


CONDUIT READY END VIEW

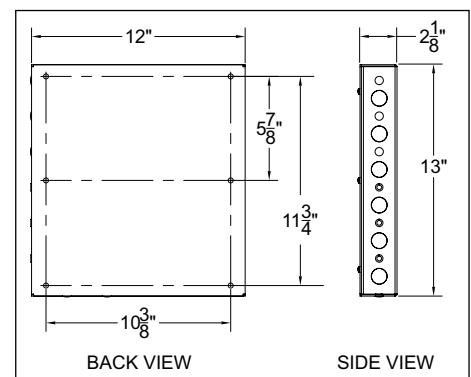


CONTRA 2 / 3

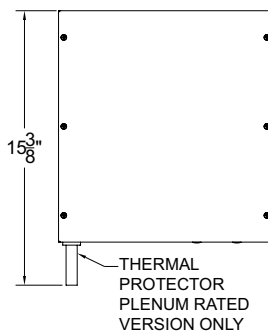
CONDUIT READY VERSION SHOWN



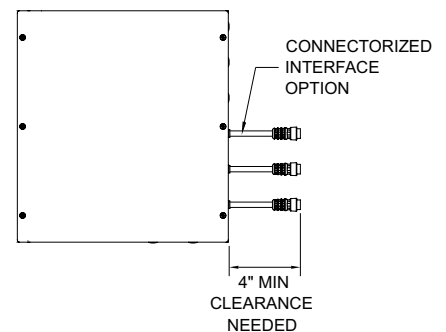
MOUNTING DETAIL



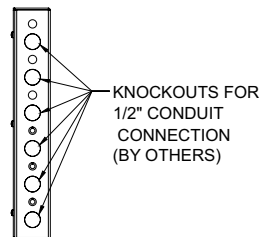
PLENUM RATED FRONT VIEW



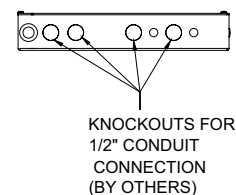
CONNECTORIZED FRONT VIEW



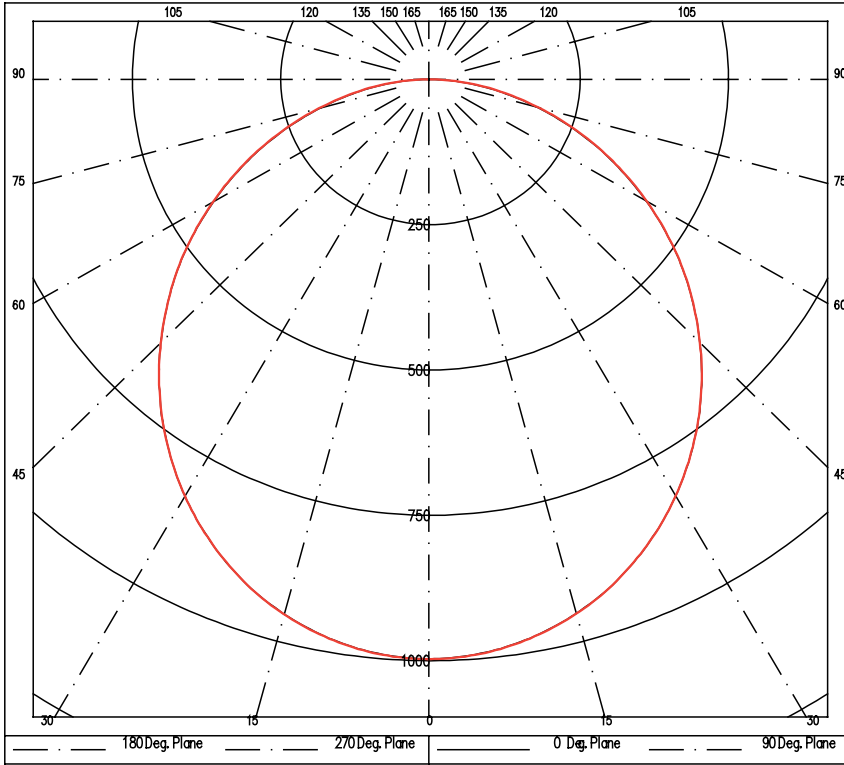
CONDUIT READY SIDE VIEW



CONDUIT READY END VIEW



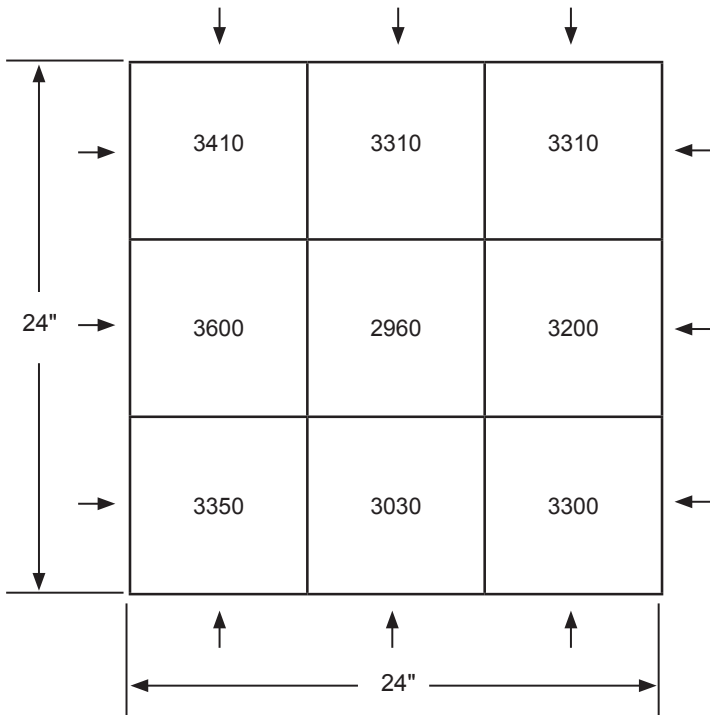
VERSA-TILE POLAR CURVE



Versa-Tile 24" X 24 Luminaire Direct Polar Curve

VT22/60K/T/1/X
 42 Total Watts, 6000K
 Delivered Lumens: 2800
 Delivered Efficacy = 62.3 Lumens/Watt

VERSA-TILE ILLUMINANCE REPORT

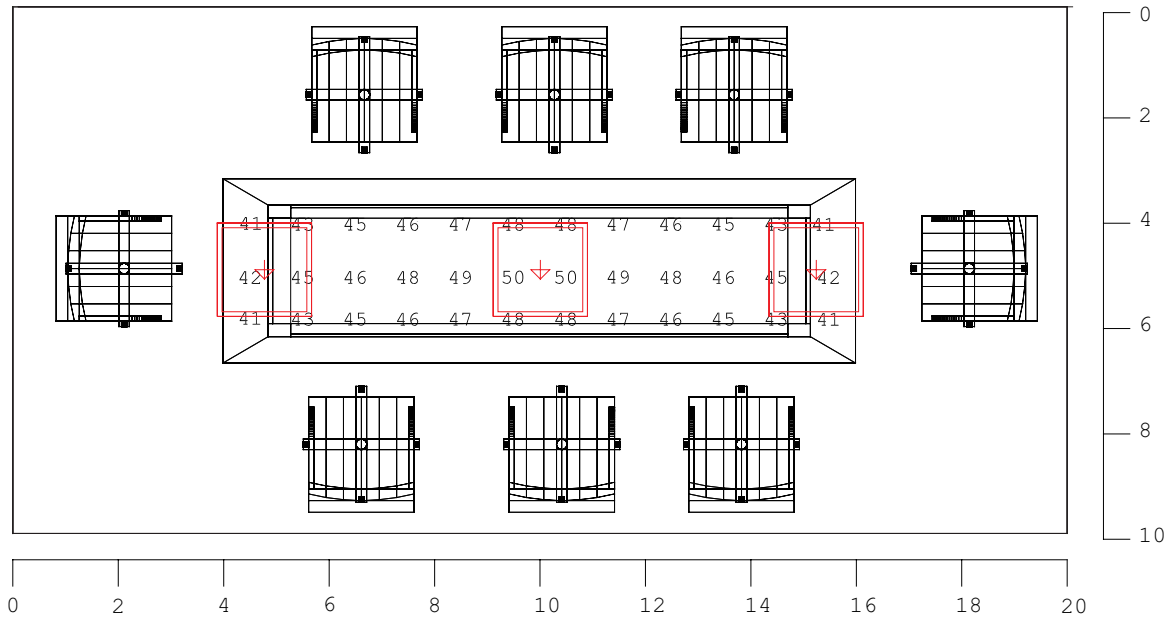


→ Denotes Light Source

VERSA-TILE 24" X 24"	FLUX	UNIFORMITY	FOOT CANDLE LUX
8.5' Ceiling 2.5' Task 6' Reading	3240 cd/m ²	1.22 Max:Min	26.53 fc
11.5' Ceiling 2.5' Task 9' Reading	3240 cd/m ²	1.22 Max:Min	13.66 fc

PHOTOMETRY: All VERSA-TILE products are tested to IES LM-79 & LM-80 standards. IES data is available at www.insightlighting.com/download.php

VERSA-TILE CONFERENCE ROOM LAYOUT



Luminaire Schedule						
Symbol	Qty	Label	Arrangement	Lumens	LLF	Description
☒	3	LTL25189	SINGLE	2799	1.0	VT22/60K/T/1/X

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Table Surface	Illuminance	Fc	45.56	50	41	1.11	1.22

Luminaire Location Summary						
LumNo	Label	X	Y	Z	Orient	Tilt
1	LTL25189	5	10	9	0	0
2	LTL25189	5	15.25	9	0	0
3	LTL25189	5	4.75	9	0	0

Room Summary			
Reflectances: Clg=.8, Walls=.54, Flr=.2			
Label	Type	Wall Ht.	Description
Room	Rect-Flat	9	CONFERENCE ROOM

Insight Lighting

4341 Fulcrum Way NE

Rio Rancho, NM 87144

Tel: 505-345-0888

www.insightlighting.com

VERSA-TILE_04-17-12

INSIGHT



Preparing the **Future**