Vectra 1'x1' Micro

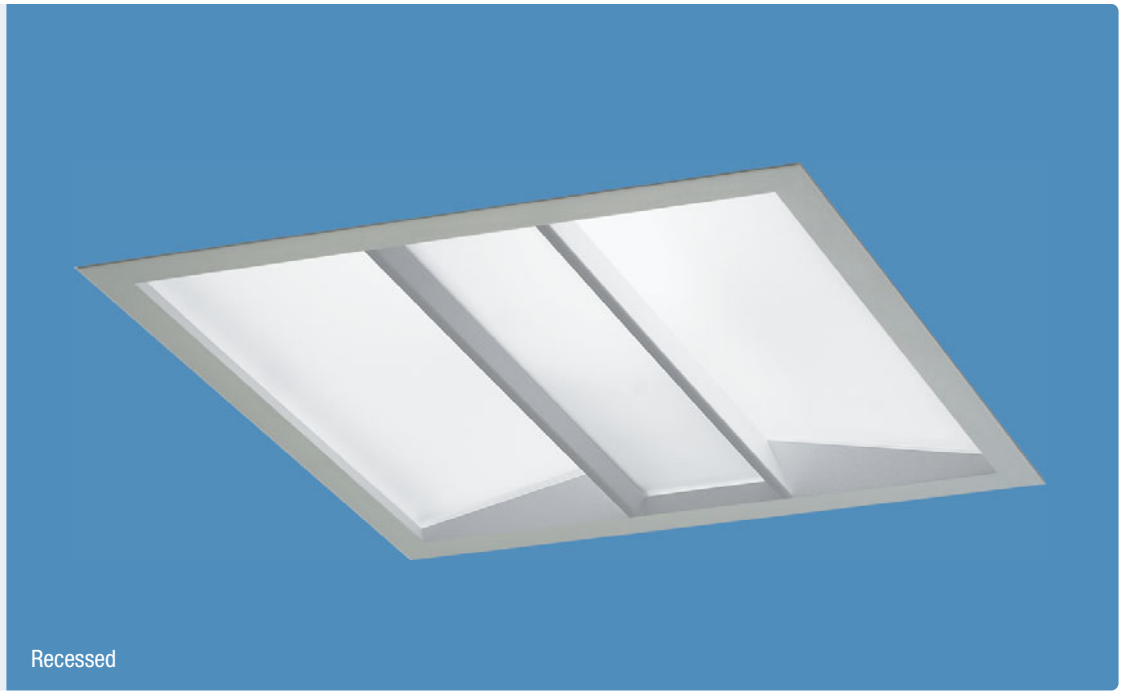
mesoOptics

PHILIPS

LEDALITE

Vectra 1'x1' Micro

With its sleek 1'x1' size and the same distinctive styling as the rest of the product family, Vectra Micro brings unique luminous aesthetics to any interior space. MesoOptics technology allows Vectra Micro to have the best possible combination of light control and brightness—making it an ideal, energy-efficient solution for almost any lighting challenge—including corridors, meeting rooms, private offices and reception areas.



Recessed

mesoOptics

It's all about Balance

Vectra Micro utilizes elliptical MesoOptics to enhance performance and provide an evenly distributed luminous aesthetic. Pure, visually-comfortable light is distributed evenly throughout a space with exceptional glare control.

Axial Symmetry

Unlike conventional CFL fixtures, Vectra Micro offers true axially symmetric, homogenous distribution in all planes. No matter how you orient the luminaire—along or across the orientation of the lamp—to highlight the wall or work surface, the luminaire always delivers optimized distribution.

Designer's Dream

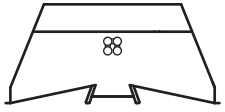
Vectra Micro can be used to bring aesthetic continuity to installations with other Vectra products, or may be offered as its own lighting design feature. Available in a wide range of energy efficient compact fluorescent lamping options, and compatible with most ceiling types, Vectra Micro is well suited to a wide range of applications.

Maintenance Made Easy

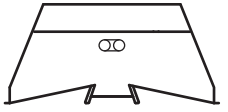
Vectra Micro is equipped with a spring-loaded lens frame which provides easy access to the lamp(s) and ballast from below the ceiling for relamping and maintenance.

Vectra 1'x1' Micro

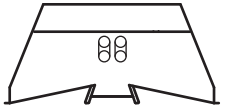
Lamping Options



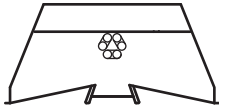
2x 13W DTT/GX-24q-1



1x 18W TT5/2G11

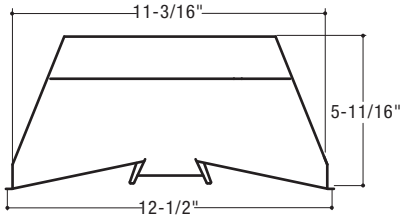


2x 18W TT5/2G11

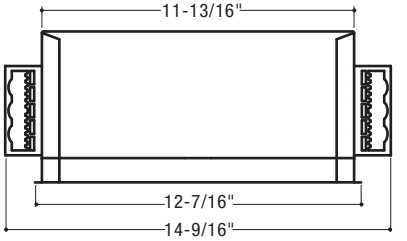


1x 26W TRT/GX-24q-3/4
2x 26W TRT/GX-24q-3/4
1x 32W TRT/GX-24q-3/4
1x 42W TRT/GX-24q-3/4

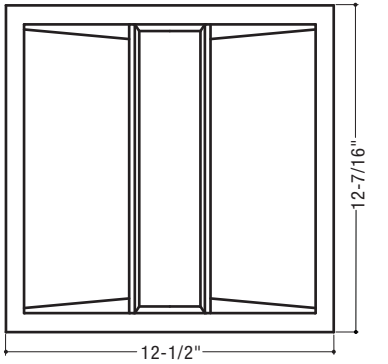
Dimensions



Front



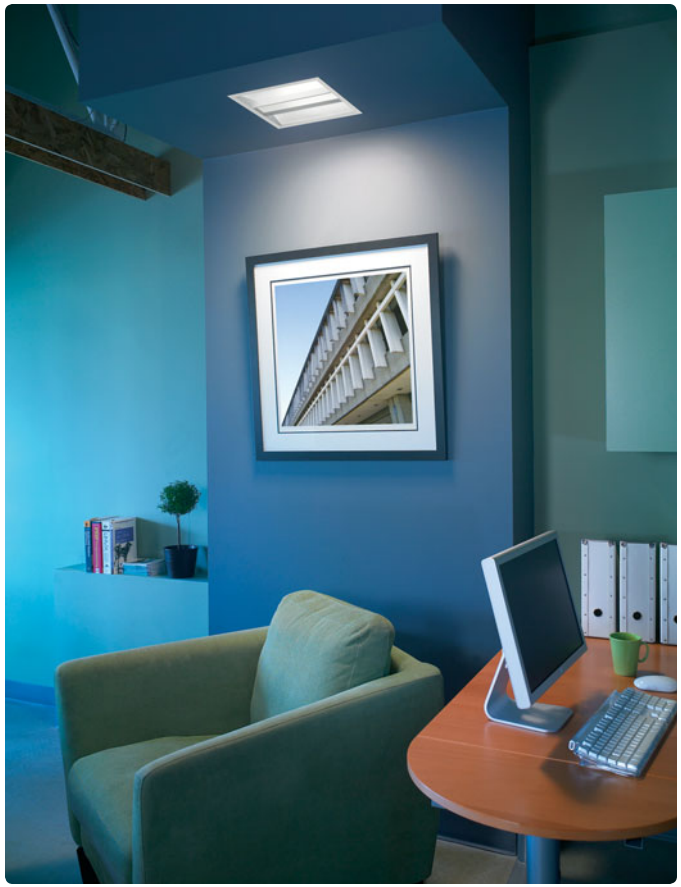
Side



Lens Frame


Investors Group
INTERCHANGE PROFESSIONAL CENTRE
100
Investors
200
UHY Chartered Accountants
Ellwyn & Co. Law Corporation
300/301
Dr. Mathew C. Mosher Inc.
YES Medspa
YES Cosmetic Surgery Centre

mesoOptics



About MesoOptics

Philips Ledalite's MesoOptics technology offers a revolutionary way to purify and control light–allowing for the creation of vision-friendly lighting solutions that are exceptionally energy efficient. MesoOptics is produced in a manner similar to the holograms that appear on most credit cards. Using this process, tiny microstructures no greater than 5 microns in size are applied to a substrate such as acrylic, polycarbonate, or glass. It is these microstructures that create the highly-unique characteristics of lighting control that MesoOptics provides.

Purify:

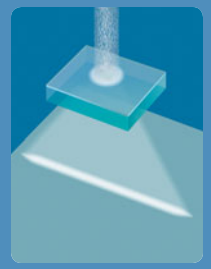
MesoOptics removes striations and hot spots from lighting sources, creating smooth gradients of pure, homogenous white light, free from color shifts.

Homogenous Distribution

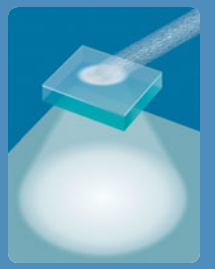
Control:

MesoOptics can constrain or disperse lighting for optimum control and uniformity. It also allows for the creation of highly controlled beam patterns and has the ability to redirect light into desired angles.

Dispersed Circular



Constrained Linear



Redirected Circular

Sustain:

MesoOptics is a highly efficient material that allows up to 95% of the light that enters to pass through. This enables the creation of highly energy-efficient lighting products that are environmentally responsible and visually healthy.

Traditional Diffuser

MesoOptics

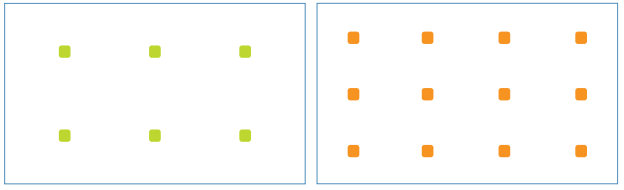
A Unique Solution.

Vectra Micro offers architects and lighting designers a truly unique luminaire for applications in corridors, conference rooms and private offices—or as accent lighting in boardrooms, reception areas and other feature spaces.

Conference Room 25' x 15'

Ceiling Height: 8.5'

All calculations performed using 80/50/20 reflectances. Maintenance factor used is 0.86 .
Power density calculated using measured input watts to the fixture at time of photometric testing.

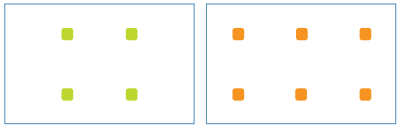


Lamping	On Center Spacing	Light Levels (fc)	Power Density (W/sq. ft.)	Quantity Luminaires
1x 26W	6'	28.4	0.83	12
1x 32W	6'	37.0	0.99	12
2x 26W	8'	27.8	0.81	6
1x 32W	8'	20.2	0.49	6

Private Office 15' x 10'

Ceiling Height: 8.5'

All calculations performed using 80/50/20 reflectances. Maintenance factor used is 0.86 .
Power density calculated using measured input watts to the fixture at time of photometric testing.

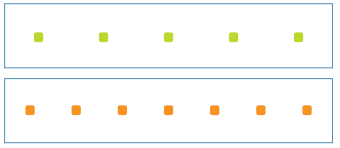


Lamping	On Center Spacing	Light Levels (fc)	Power Density (W/sq. ft.)	Quantity Luminaires
2x 13W	6'	19.7	1.00	6
1x 26W	6'	27.9	1.00	6
1x 26W	8'	17.1	0.64	4
2x 26W	8'	36.1	1.30	4
1x 32W	8'	26.2	0.83	4

Corridor 40' x 8'

Ceiling Height: 8.5'

All calculations performed using 80/50/20 reflectances. Maintenance factor used is 0.86 .
Power density calculated using measured input watts to the fixture at time of photometric testing.



Lamping	On Center Spacing	Light Levels (fc)	Power Density (W/sq. ft.)	Quantity Luminaires
1x 26W	6'	14.6	0.56	7
1x 32W	6'	19.1	0.68	7
2x 26W	8'	19.2	0.80	5
1x 32W	8'	14.0	0.48	5
1x 42W	8'	14.7	0.70	5

Vectra 1'x1' Micro Order Guide

Product Series/Type

9711 Vectra 1'x1' (micro)

Version

D1 Standard T-Grid or Drywall

Configuration

ST Standalone

Lamping

B118 1 18W TT5
B218 2 18W TT5
C126 1 26W CFL[1]
C226 2 26W CFL[1]
C132 1 32W CFL[1]
C142 1 42W CFL[1]
C213 2 13W CFL[2]

[1] TRT/GX-24q-3/4
[2] DTT/GX-24q-1

Housing

S Standard (22ga.)
N New York (20ga.)
C Chicago Plenum

Wiring

1 1cct
5 1cct w/ Battery Pack
7 1cct Dimming

Consult website for full list of available wiring options

Voltage

1 120V
2 277V
3 347V*

Ballast

E Electronic

Consult website for full list of supported ballasts

***Note:** Some options may not be available for each configuration. Consult factory for details.

Philips Ledalite

19750–92A Avenue
Langley, BC, Canada V1M 3B2

Tel: 604.888.6811

ledalite.com

All application performance results have been calculated using real luminaire photometric test data and OEM published lamp-ballast system specifications for Philips Ledalite factory standard components at the time of publication. Illuminance information as published are average maintained footcandle values based on predictive analyses with calculation grids centered in the respective rooms. Changes to luminaire mounting and/or workplane heights affect uniformity but have no significant impact on energy performance or light levels. Modifications to architectural conditions, luminaire components, and calculation parameters will yield different results. For further information or custom analysis for your project, please contact the Philips Ledalite Applications Engineering Department.

Luminaires use fluorescent lamps that contain small amounts of mercury. Such lamps are labeled "Contains Mercury" and/or with the symbol "Hg." Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at www.lamprecycle.org.