VIA 2

RECESSED

LUMENWERX
WWW.LUMENWERX.COM

Grid ceiling

Drywall ceiling

DESCRIPTION

Via 2 is the elegant and flexible linear luminaire system for pendant, surface, and recessed or in-wall installation, whether as discrete luminaires, continuous runs, or patterns.
Via 2 features numerous optical configurations, which are difficult to achieve in luminaires.
See separate spec sheets for patterns, LED and other available mountings.

PROJECT: _____

TYPE: _____

NOTES: _____

ORDER GUIDE

IC RATED

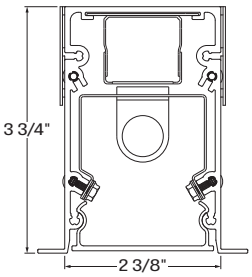
VIA2R	HLO		1S	
LUMINAIRE ID	**OPTICS**	**LIGHT SOURCE**	**NUMBER OF LAMPS**	**LUMINAIRE LENGTH**
VIA2R - via 2" recessed	**HLO** - High-Efficiency Lambertian Optic	**T5** - T5 lamp **T5HO** - T5HO lamp	**1S** - 1 staggered	Standard sections - 2', 3', 4', 5', 8' & 12' For all other specify length **#FT** - nominal length in feet **#IN** - length in inches Continuous Run - for luminaires over 12' Minimum Individual section 2'

VOLTAGE	BALLAST	ELECTRICAL	MOUNTING	FINISH
120 - 120V **277** - 277V **UNV** - 120V-277V **347** - 347V	**IN** - instant start **RS** - rapid start **D** - dimming 0-10V **ST** - step dimming **DA** - dali **LHL** - Lutron Hi-Lume 3D	**1** - 1 circuit **+#EB** - emergency battery pack (for min 4' fixture) **+#EM** - emergency light circuit **+#NL** - night light circuit **+GTD** - generator transfer device	**TG9** - tegular 9/16" **TG15** - tegular 15/16" **TB9** - t-bar 9/16" **TB15** - t-bar 15/16" **ST** - screw slot t-bar **DTR** - drywall trim **DTL** - drywall trimless **DMF** - drywall mud flange **OHC** - other ceiling (specify)	**W** - matte white **CF#** - custom finish specify RAL#

See page 2 for ordering code detailed information

CONTROLS	OPTIONS
ONBOARD **OMS** - Motion Sensor & power pack **ODS** - Daylight Sensor & controller WIRELESS **EWC** - EnOcean Wireless Controller **LMC** - Lutron Motion Controller **LDC** - Daylight Controller	**FU** - fuse **FWC** - flexible whip cable (6' std) **CP** - Chicago Plenum **CU** - custom

CROSS SECTION



VIA2R - recessed

OPTICS

HLO - High-efficiency Lambertian Optic

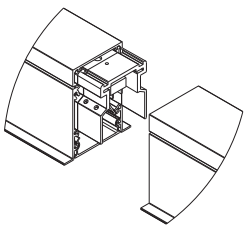
OPTICS

HIGH EFFICIENCY LAMBERTIAN OPTIC (HLO) - matte white side reflectors combined with High-Efficiency Lambertian Optic (HLO) shielding of diffusing 0.075" thick acrylic with up to 88% transmission and good source obscuration. Luminaire brightness is controlled by the flux-to-shielding area ratio.

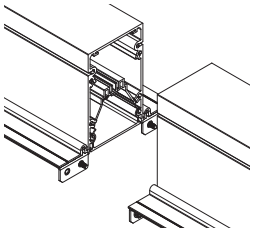
LUMINAIRE LENGTH

Via 2 is made up of standard 2, 3, 4, 5, 8 and 12 foot sections that may be joined together to create longer continuous run lengths. Exact run length must be noted in the product code. The minimum individual section available is 2 foot.
All individual sections are joined together onsite using the joiner kits provided. LumenWerx offers joiner kits that are extremely simple to work with in the field and result in a fixture that appears virtually seamless with no light leak at any connection.

Joining system



t-bar



Mud flange

ELECTRICAL

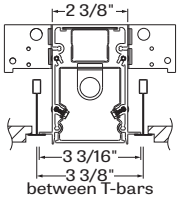
Universal input voltages with multiple control schemes offered. Consult factory for availability.

EMERGENCY

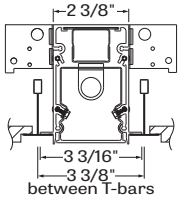
Factory installed long life high temperature recyclable Ni-Cad battery pack with test switch and charge indicator, minimum of 90 minutes operation. Recharge time of 24 hours.

MOUNTING OPTIONS

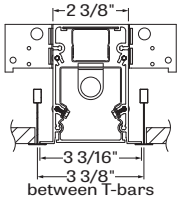
Recess mount into exposed or concealed T-Bar or Tegular grid ceiling



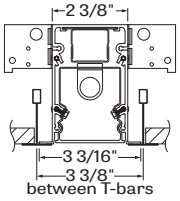
TG9 - tegular 9/16"



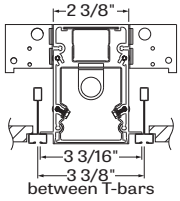
TG15 - tegular 15/16"



TB9 - t-bar 9/16"

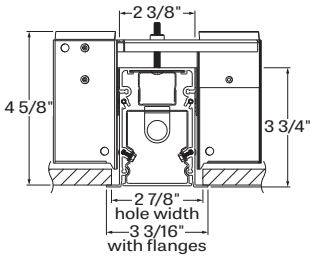


TB15 - t-bar 15/16"

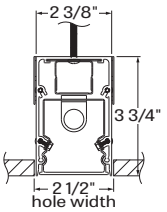


ST - screw slot t-bar

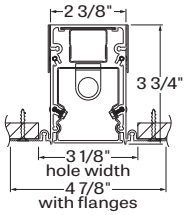
Mounting for drywall ceilings are available with visible trim, mud flange trim or trimless



DTR - drywall trim



DTL - drywall trimless



DMF - drywall mud flange

FINISH

Interior - 95%, reflective matte powder coated white paint
Exterior - matte white or silver powder coating. Custom finishes are also available.

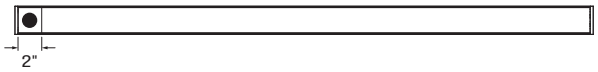
CONTROLS

LumenWerx offers several options for integrating motion and daylight controls into Via 2 luminaires. Wireless options incorporate a wireless controller/powerpack into the luminaire, which receives signals from a wireless sensor (by others) installed in the space. The advantages of the wireless option include greater flexibility of control options, sensor coverage and system integration. Onboard options incorporate both the sensor and controller/powerpack. Onboard sensors, while inherently simpler, have limitations of control and coverage.

Onboard

Onboard Motion Sensor and **power pack (OMS)** provide automatic on and automatic off control, using PIR detection. Sensor is designed to detect fine-motion when installed within 6' of occupants.

Onboard Daylight Sensor and **controller (ODS)** provide input for 0-10V dimming drivers. Separate switched control of line input is required for on/off control.



Location of an Onboarıd sensor

Wireless

EnOcean Wireless Controller (EWC) provides both a power pack for presence detection control and a 0-10V interface for daylight harvesting. EnOcean wireless sensors (by others) mounted in the room signal the onboard EWC. This option permits manual on/automatic off (vacancy) control.

Lutron Motion Controller (LMC) and **Daylight Controller (LDC)** provide inputs to Ecosystem drivers. Compatible Lutron wireless motion and daylight sensors (by others) mounted in the room signal onboard LPC or LDC. This option permits manual on/automatic off (vacancy) control.

CONSTRUCTION

Housing - Extruded Aluminum (0.095" nominal) up to 90% Recycled Content
Interior brackets - Die formed cold rolled sheet steel 18 gauge thick
Joining system - Die cast Zinc (0.95" nominal) and die Formed galvanized sheet 18 gauge
Reflectors - Extruded Aluminum (0.075" nominal) up to 95% reflective matte
Mud flange - Extruded Aluminum (0.075" nominal) up to 90% Recycled Content
Slip-through bracket - Die Formed galvanized sheet 18 gauge
End plate - Die formed cold rolled sheet steel 18 gauge thick

WEIGHT

Via 2 4ft - 9.03lbs - 4.1kg
Via 2 8ft - 18.28lbs - 8.3kg
Via 2 12ft - 27.97lbs - 12.7kg

CERTIFICATIONS

ETL - Rated for Dry/Damp locations. Conforms to UL Standard 1598 and certified to CAN/CSA Standard C22.2 No. 250.0.
Chicago plenum - City of Chicago Approved (CCEA)
IC rated - suitable for direct contact with insulation.