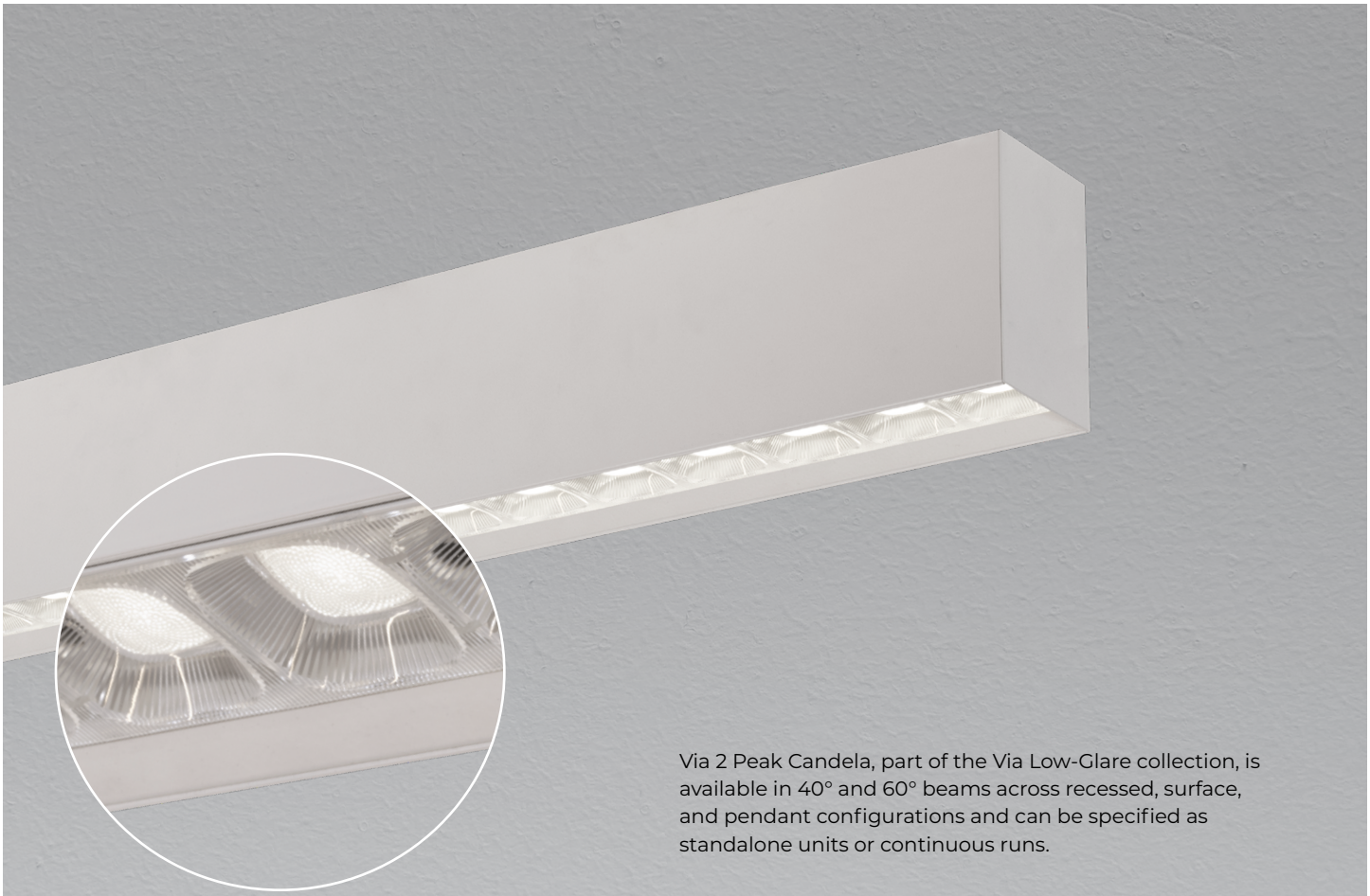
VIA 2 PEAK CANDELA

SURFACE
STATIC WHITE

Lumenwerx

5 YEAR WARRANTY 5 YEAR WARRANTY



Via 2 Peak Candela, part of the Via Low-Glare collection, is available in 40° and 60° beams across recessed, surface, and pendant configurations and can be specified as standalone units or continuous runs.

Key Features

- Direct optic delivering significantly higher peak candela vs. HLO opal lens
- Narrow beam with tighter field angles for focused illumination
- Translucent lens with a glowing ceiling presence
- No light leakage; optimized UGR values
- High efficiency: up to 140 lm/W
- Ideal for office and workplace applications requiring both performance and comfort

DIRECT

PCO40 PCO60

SENSORS
For latest information on sensors, click here.

3737 Cote Vertu St-Laurent, Quebec, Canada H4R 2C9
T (514) 225-4304 F (514) 931 -4862
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Project: _____

Type: _____

Order Guide

LUMINAIRE ID	DISTRIBUTION	OPTIC	LIGHT SOURCE [1]	CRI
VIA2PCS	**D**		**SW**	
VIA2PCS - Via 2" Peak Candela Surface	**D** - Direct	**PCO40** - Peak Candela Optic, 40° beam **PCO60** - Peak Candela Optic, 60° beam	**SW** - Static white [1] Chromawerx SOLA and DUO also available. Consult other spec sheet.	**80CRI** - 80+ CRI **90CRI** - 90+ CRI

LUMEN PACKAGE	COLOR TEMP.	LUMINAIRE LENGTH	VOLTAGE	DRIVER [4]
350LMF - Low output 350 lm/ft **500LMF** - Medium output 500 lm/ft **750LMF** - High output 750 lm/ft **1000LMF** - Ultra high output 1000 lm/ft	**27K** - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K **50K** - 5000K	**#FT#IN** [2] - Specify nominal length (#) in 1' and/or 1" increments **Standard nominal lengths:** Single units: 2' to 12' Continuous runs: lengths over 12' [2] • Minimum 2'. • PCO is available in 7" and 11" increments. See page 3 for actual dimensions.	**120V** - 120V **277V** - 277V **UNV** - 120V-277V **347V** [3] - 347V [3] Available with D1 driver only.	**D1** - 1% 0-10V **DA** [5] - DALI **LDE1** [5] - Lutron Hi-lume 1% Eco **ELD1** - eldoLED 1% ECOdrive 0-10V **ELD0** - eldoLED 0.1% SOLOdrive 0-10V [4] PoE (Power-over-Ethernet) compatible. Consult factory for details. [5] On-site commissioning is required.

ELECTRICAL	ELECTRICAL SECTIONS (optional) [9, 10]	MOUNTING	FINISH
1C - 1 circuit **#MC** [6] - Multi circuit **EC** - Emergency-powered fixture **NL** - Night light fixture **DL** - Daylight fixture **GTD** [7, 8] - Generator transfer device fixture [6] Specify total number of circuits (#), including any required for electrical section options. Provide drawing or layout specifications. Minimum 4' section per circuit. [7] Minimum 4' fixture. [8] Not available with 347V.	**#EC##** [11] - Emergency-powered section **#NL##** [11] - Night light section **#DL##** [11] - Daylight section **#GTD##** [11, 12, 13] - Generator transfer device section **#EMB** [13, 14] - Emergency battery **NA** - None [9] Specify with multi circuit (#MC) electrical option only. [10] Provide drawing or layout specifications. Consult factory for other configurations. Default section length is 4'. [11] Specify quantity (#), and section length in inches (##). [12] Minimum 4' section. [13] Not available with 347V. [14] Specify quantity (#). All batteries will be on the same circuit. Each battery powers a 4' section.	**DRC** - Drywall ceiling **GRD** - Grid ceiling	**W** - Matte white **AL** - Aluminum **B** - Matte black **CF#** - Custom finish, specify RAL#

CONTROL [15]		OPTION
STANDALONE CONTROLS [16, 17] Specify the quantity (#) of sensors per fixture. **#OMS** [18] - Onboard Occupancy **#OMS##** [19] - Onboard Occupancy with bi-level dimming **#ODS** - Onboard Daylight **#OCS** - Onboard Occupancy & Daylight	CONNECTED CONTROLS [20] **LU** - Lutron **AWNR** - Lutron Athena Wireless Node RF Only **AWNS** - Lutron Athena Wireless Node Sensor **ENC** - Encelium **WL** - Cooper Wavelinx **AN** - Acuity nLight **CA** - Casambi **LG** - Legrand	**FU120** - Fuse 120V **FU277** - Fuse 277V **NA** - None
NA - None		
[15] Standalone and connected control options cannot be combined. [16] Available with D1 driver and 1 circuit options only. [17] Minimum 4' per zone. Provide control zone length.	[18] Fixture turns off when no occupancy. [19] Fixture dims to specified light level % (##). [20] Consult factory for connected controls.	

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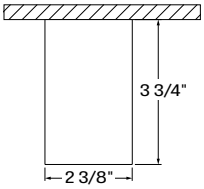
Dimensions



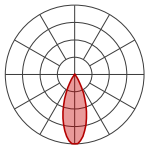
NOMINAL LENGTH	ACTUAL LENGTH
2'	23.6"
4'	48.8"
5'	59.8"
6'	72.3"
8'	96"

The actual length is a multiple of 7" and/or 11".
For other lengths or long runs, please consult factory shop drawings.
End cap thickness 1/8" not included in above dimensions.

Photometrics

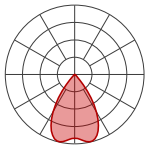
Values calculated based on a 4' fixture at 3500K for all optics.

PCO40



LM/FT	W/FT	LM/W
350	2.5	143
500	3.6	140
750	5.4	138
1000	7.4	135

PCO60



LM/FT	W/FT	LM/W
350	2.4	144
500	3.5	141
750	5.4	139
1000	7.4	136

MULTIPLIER TABLE

Use the table to get results for different color temperatures for all photometric tables.

Multiplier - CCT/CRI

CCT	WATTS 80+ CRI / 90+ CRI	LPW 80+ CRI / 90+ CRI
2700K	1.04	0.96
3000K	1.00	1.00
3500K	1.00	1.00
4000K	0.99	1.01
5000K	0.94	1.06

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Technical Specifications

OPTICS

Peak Candela Optic (PCO)
The Peak Candela Optic (PCO) combines TIR technology with louver shielding, producing a narrow beam with significantly higher central intensity than opal lenses while maintaining exceptional visual comfort. Its translucent surface softly reflects light onto the ceiling, creating a subtle, pleasant glow.

LIGHT SOURCE

Custom linear array of mid-flux LEDs are cartridge-mounted with quick-connect wiring to facilitate service and thermal management. Available in 2700K, 3000K, 3500K, 4000K, and 5000K with a minimum 80+ CRI and an option for 90+ CRI with elevated R9 value. Color consistency maintained to within 3 SDCM. All LEDs have been tested in accordance with IESNA LM-80-08 and the results have shown L80 lumen maintenance greater than 60,000 hours. Absolute product photometry is measured and presented in accordance with IESNA LM-79, unless otherwise indicated.

LUMINAIRE LENGTH

Via 2 Peak Candela is available in standard lengths of 2' to 12'. Continuous runs are available for run lengths over 12'. Exact run length must be noted in the product code. The minimum length is 2', and can be ordered in 1' and/or 1" increments. PCO is available in 7" and 11" increments. If the fixture length is not a multiple of these optic increments, blanks of equal length will be added at both ends of the fixture.
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.

ELECTRICAL

Factory-set, adjustable output current LED driver with universal (120-277 VAC) input. Dimmable from 100% to 1% with 0-10V dimming control. Rated life (90% survivorship) of 50,000 hours at 50°C max. ambient (and 70°C max. case) temperature. At maximum driver load: Efficiency>84%, PF>0.9, THD<20%. Other specifiable options include Lutron Hi-Lume 1% Eco, eldoLED 1% ECOdrive 0-10V, eldoLED 0.1% SOLOdrive 0-10V, and DALI protocol drivers. All of our standard 0-10V drivers are NEMA 410 compliant.

PoE
Depending on the PoE manufacturer selected, Lumenwerx will install the node in factory as either integral to the luminaire or as a remote module. Factory programming of the PoE node may or may not enable the following functionalities: lumen package, DUO (tunable white), QUADRO (RGBW), emergency battery backup, and sensor integration. These must be addressed and evaluated on a case-by-case basis.

ELECTRICAL SECTION OPTIONS

Electrical section options are available for fixtures specified as multi circuit (#MC). With MC, specify the total number of circuits (#), including any circuits required for optional electrical sections. A drawing is required to specify the layout. Please consult factory for custom configurations.

Electrical sections
Options include emergency-powered (#EC##), night light (#NL##), daylight (#DL##), and generator transfer device (#GTD##) sections. Specify the quantity (#), as well as the section length in inches (##).

Example 1: A 32' Direct fixture with two 8' emergency-powered sections on a second circuit.
Code: 2MC-2EC96

Example 2: A 24' Direct fixture with one 4' generator transfer device section.
Code: 1MC-1GTD48

Battery
Each emergency battery (#EMB) powers a 4' section. All batteries will be on the same circuit. Specify the number of batteries (#) required.
Factory installed long life, high temperature, maintenance-free Lithium-Ion battery pack with self-test functionality, test switch and charge indicator. Minimum of 90 minutes operation, up to 1000 lumens per 4' (25°C) emergency lighting output and recharge time of 24 hours.

MOUNTING

Fixtures can be mounted directly to T-bar, drywall and hard surface ceilings, hardware supplied by others. Long runs require a minimum of 6" from the vertical wall.

FINISH

Interior: 95%, reflective matte powder coated white paint
Exterior: Matte white, matte black, or aluminum powder coating. Custom finishes are also available.

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CONTROLS

Lumenwerx offers several options for integrating occupancy and daylight harvesting controls in our luminaires.
For latest information on sensors, click here.

Standalone controls
An integrated standalone sensor controls the luminaire in which it is installed. Depending on the length, more than one sensor may be necessary and may control the entire luminaire, or just a section of it. These controls operate independently. Unless otherwise agreed, sensor location, blank size, and functionality of the sensor within the luminaire are selected by Lumenwerx. See client drawings for details.
Three types are available:

OMS: An integral Passive InfraRed (PIR) sensor turns luminaires on and off automatically with field-adjustable time out period. No wall control is used. Coverage pattern for large motion has a 12' diameter with the sensor mounted 8' above the floor; for small motion, the pattern has an 8' diameter. Typically, one sensor is required for every 10' of a continuous luminaire run.

ODS: An integral, daylight harvesting sensor with closed-loop operation dims the luminaire in which it is installed in order to compensate for available daylight. The sensor measures the combination of daylight and luminaire light reflected from horizontal surfaces below the luminaire. Initial onsite calibration is required via the use of provided remote control.

OCS: Both an occupancy and a daylight sensor are installed in the luminaire.

Connected controls
With connected controls, sensors or nodes installed in the luminaire form part of a larger control system infrastructure from manufacturers such as: Lutron, Encelium, Cooper Wavelinx, Acuity nLight, Casambi, Legrand, and others. These connected controls allow for a scalable system providing features like occupancy and daylight control, manual control, scheduling and configuration of various zones and scenes. Energy reporting and system monitoring are also possible. Specific capabilities depend on the control system being used.

Lumenwerx installs the components (sensors, nodes, power packs, etc) which may be supplied to us by a third party, or procured directly by Lumenwerx, depending on the control system manufacturer.

Lumenwerx is solely responsible for the installation of specified components; the controls manufacturer is responsible for performance of the control system.

To indicate a Lumenwerx luminaire with connected controls, identify the specific onsite control system to be integrated into the luminaires using the ordering code. Due to the diversity of components, you must contact factory to assure complete compatibility with intended control system and to fully specify the luminaire.

Complete control specifications, sensor/node/power pack layout, and narrative for the control system are required for Lumenwerx to create shop drawings and submittals.

CONSTRUCTION

Housing: Extruded aluminum, up to 90% recycled content
Interior brackets: Die-formed cold rolled sheet steel
Joining system: Die-cast zinc
Reflectors: Die-formed cold rolled steel, 95% reflective matte white painted
Lens: Polycarbonate
End caps: Die-cast aluminum

WEIGHT

4': 9.03 lbs - 4.1 kg
8': 18.28 lbs - 8.3 kg
12': 27.97 lbs - 12.7 kg

CERTIFICATION

ETL: Rated for indoor dry/damp locations. Conforms to UL Standard 1598 and certified to CAN/CSA Standard C22.2 No. 250.0.

WARRANTY

Lumenwerx provides a five-year limited warranty on electrical and mechanical performance of the luminaires, including the LED boards, drivers, and auxiliary electronics. Lumenwerx will repair or replace defective luminaires or components at our discretion, provided they have been installed and operated in accordance with our specifications. Other limitations apply, please refer to the full warranty on our website.

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