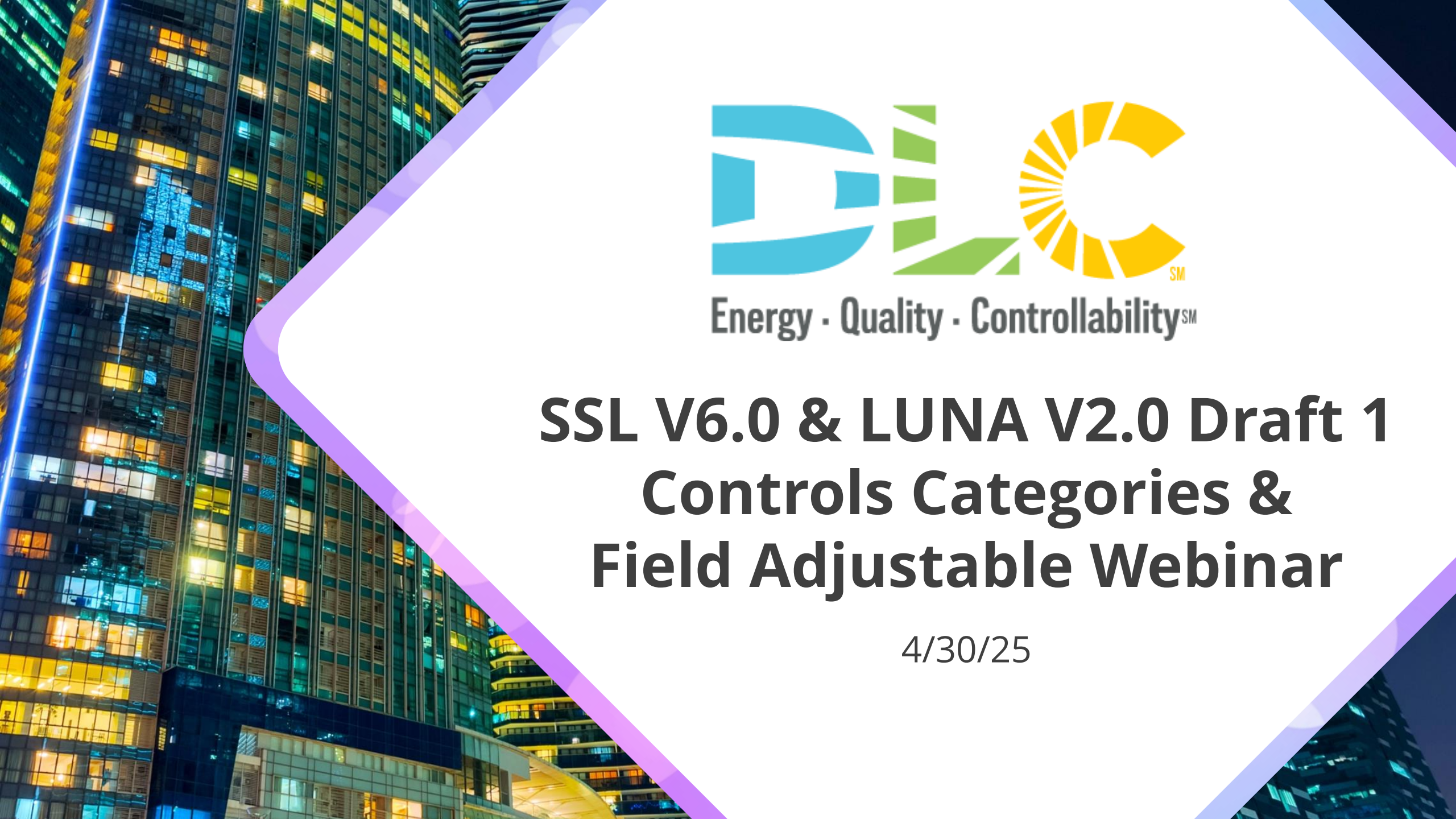


Energy · Quality · Controllability℠

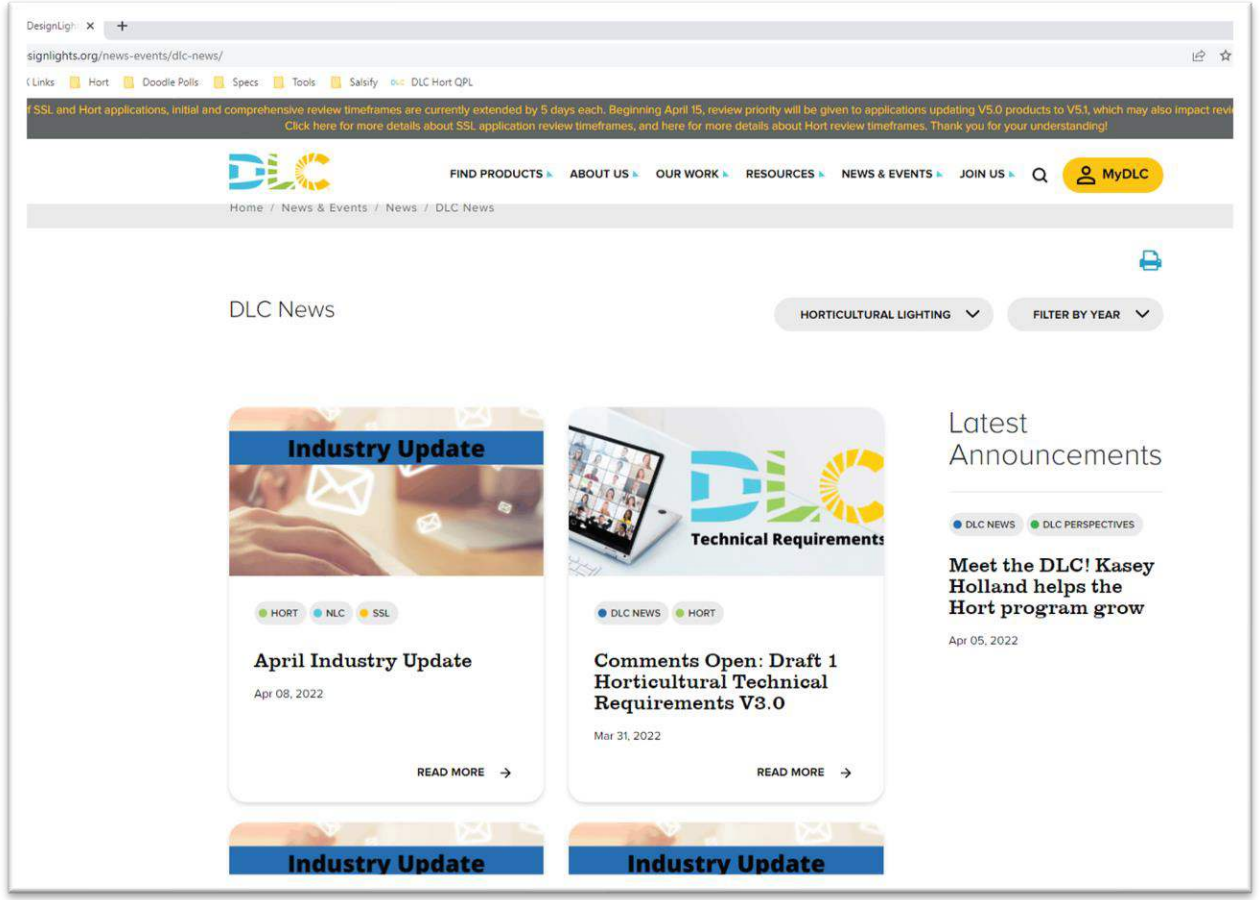
SSL V6.0 & LUNA V2.0 Draft 1 Controls Categories & Field Adjustable Webinar

4/30/25

Welcome!

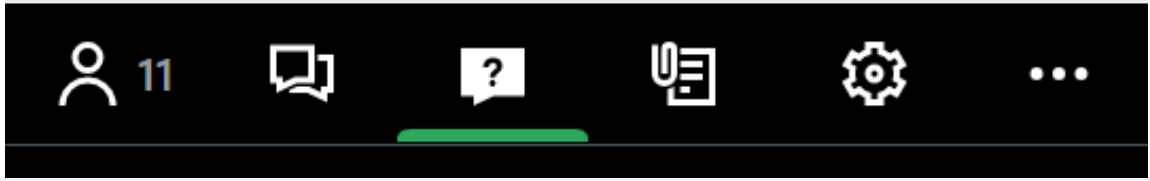
- **Slides and recorded webinar will be posted** on the *DLC News & Events* page at https://designlights.org shortly after today's presentation

- All attendees are automatically muted

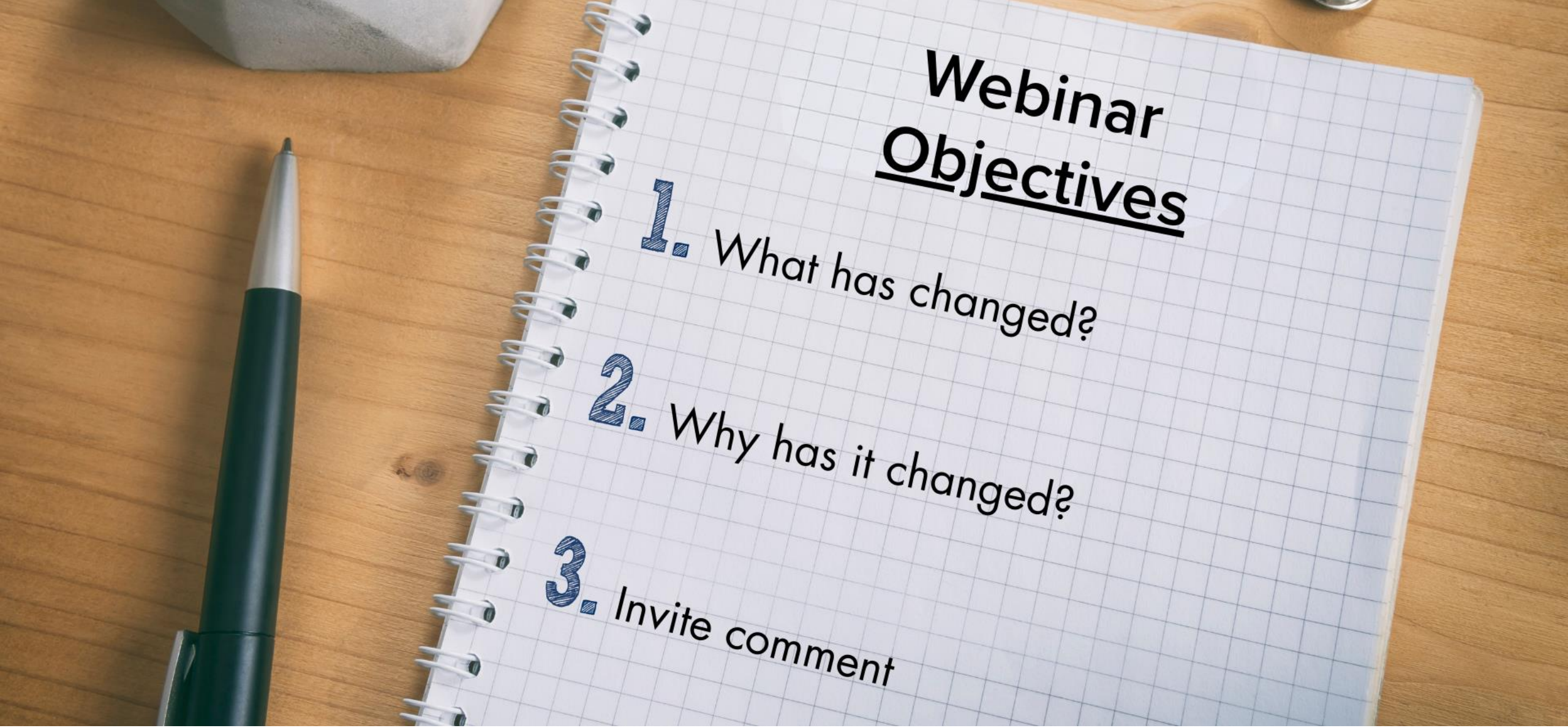


Webinar Orientation

- **Questions will be answered at the end during a live Q&A**
  - **Type questions into the Question pane (not Chat) to submit for Q&A**



The DesignLights Consortium is an independent, nonprofit organization providing decision makers with data and resources on quality lighting, controls, and integrated building systems to reduce energy, carbon, and light pollution.

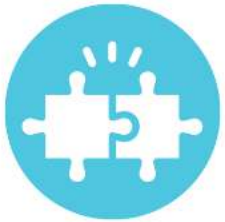

Webinar
Objectives
1. What has changed?
2. Why has it changed?
3. Invite comment

SSL V6.0 & LUNA V2.0 Goals

Advance energy efficiency and support decarbonization

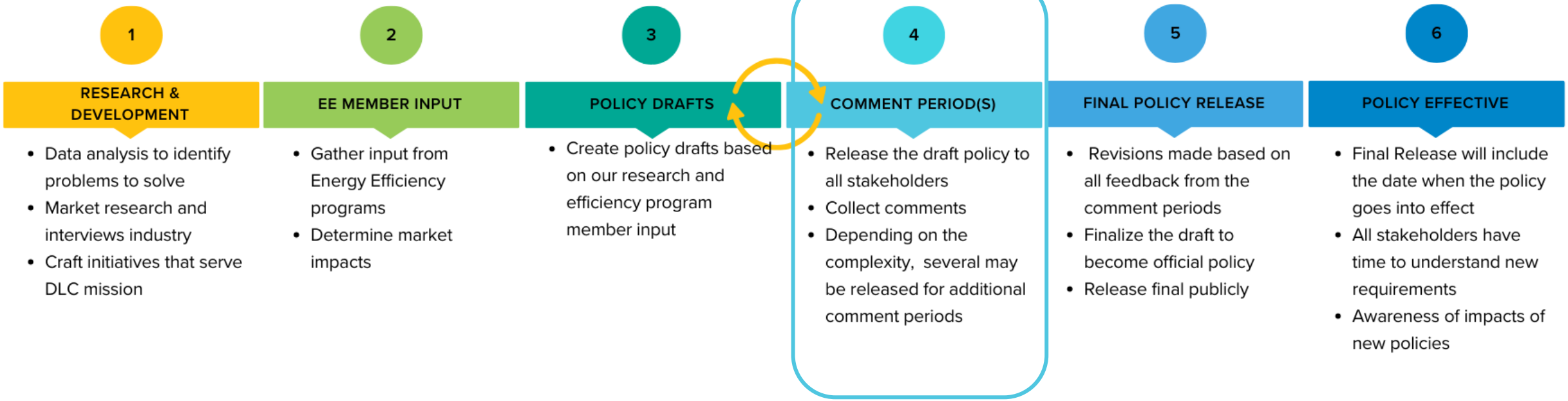
Strengthen the SSL QPL by expanding eligibility

Drive greater adoption of controls

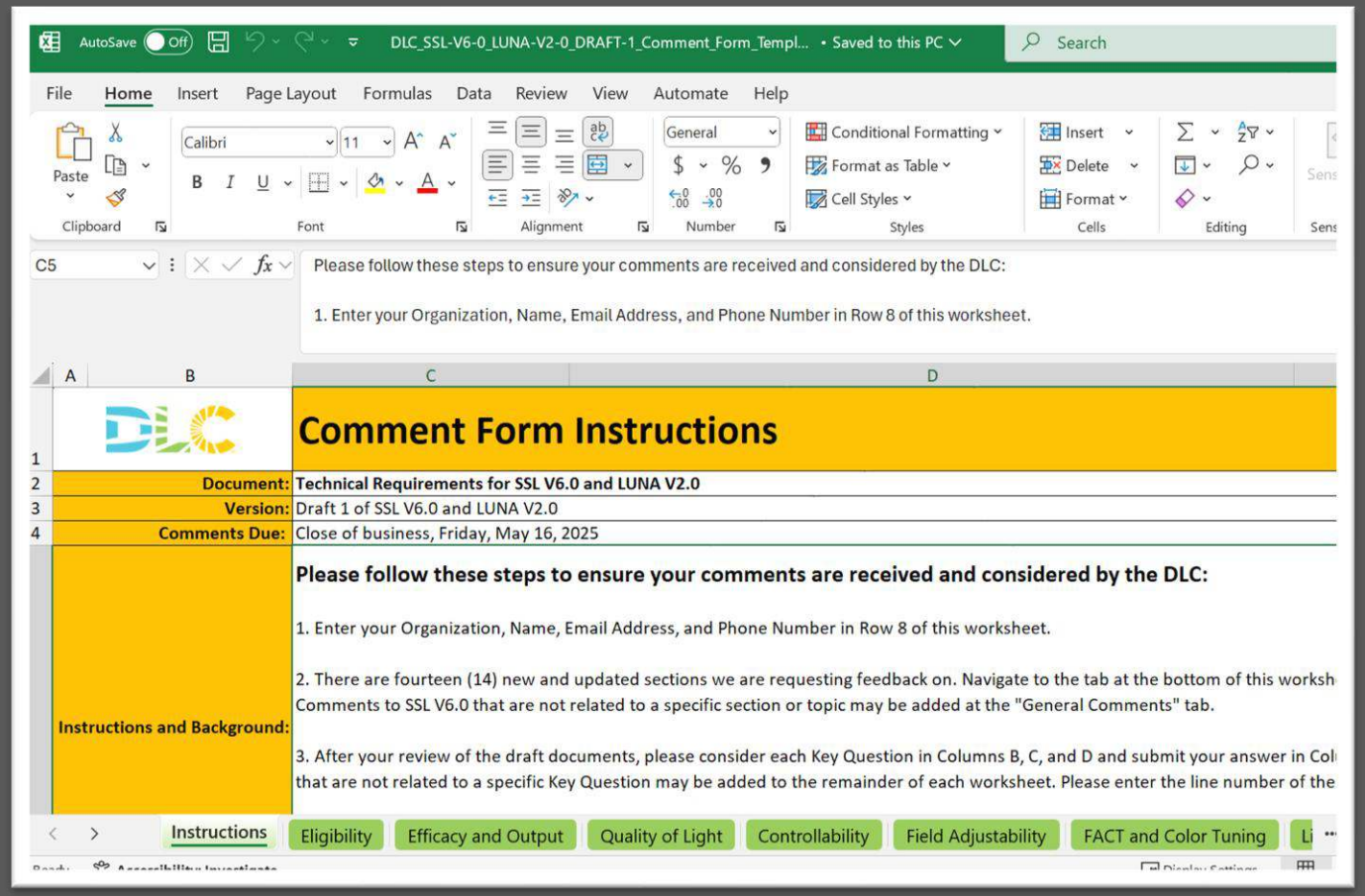


Mitigate light pollution

DLC Stakeholder Input Process



All feedback is received and considered!



#	Key Questions
1	The DLC is requiring all qualified products listed to be continuously dimmable down to at least 20%. What feedback, if any, do you have about this proposal?
2	Are there any Driver Types missing in Table 19 or Table 20?
3	Are there any Integral Sensor Types missing in Table 19 or Table 20?
4	Are there any Driver and Integral Controller Types missing in Table 22?
5	Are there any Integral Sensor Functions and Technologies missing in Table 22?
6	Are there any Controls Ready receptacle types missing in Table 18?

Comments on this draft policy are **due May 16, 2025**, and should be emailed to comments@designlights.org using the comment form.

Draft 1: Controllability

Controllability Rationale:

Why — Better support incentive programs for integral controls and controls-ready luminaires

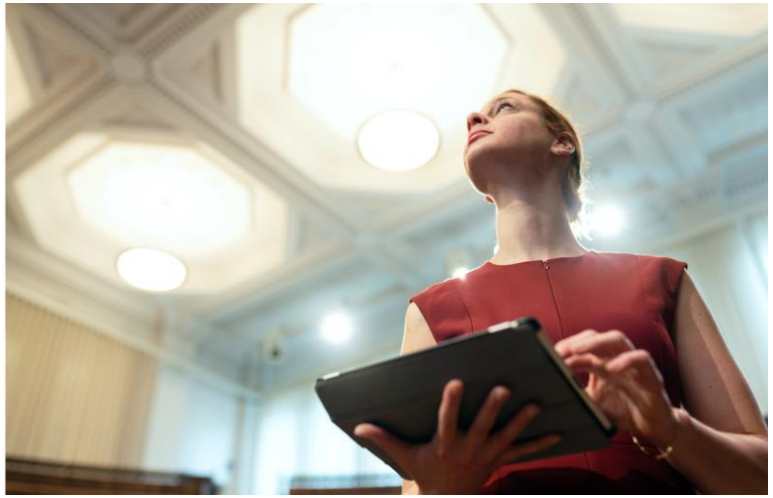
What — Required reporting of controls product variations within individual Product IDs

How — Collect specific driver and controls information through Controls Options Tables

Controllability

Existing Control Features Fields

- Integral Controls
- Dimming Capability and Range
- Integral Control Capability
- Sensor Type
- SSL V5 Wired Communication Protocol
- SSL V5 Wireless Communication Protocol
- Wired Communication for a Single Control Point
- Wired Communication Between Multiple Control Points
- Wireless Communication Between Multiple Control Points
- Minimum Dimming Level
- Integral Control Receptacle Standard
- Field Adjustable Light Output
- White-Tunable
- Warm-Dimming
- Field Adjustable Light Distribution



Controls Options Tables

Controls Categories

Controls Categories - Indoor

Category	Indoor	Notes
1	Luminaire Only	
2	Controls Ready Luminaire Only	Integral Receptacle
3	Luminaire with Occupancy Sensor	Non-Networked
4	Luminaire with Occupancy Sensor + Daylight Sensor	Non-Networked
5	Luminaire with Networked Controller	
6	Luminaire Level Lighting Control (LLLC)	Integral networked controller and sensor

Controls Options Tables

- **Collected at Application Level**
  - **1 Controls Options Table -> Multiple Product IDs**

INDOOR										
1	2	3	4	5	6	7	8	9	10	11
Application ID	Controls Option Code	Driver Type	Min. Dim Level	Integral Controller Type	Controls Ready Receptacle Type	Integral Sensor Function	Integral Sensor Technology	Sensor Max Mounting Height (ft)	NLC Product ID (indoor Scope)	Controls Ready Accessory Model Numbers (optional)

Adding for Draft 2: Minimum Dim Level

Controls Options Table Example - Indoor

VOLA by ILP

V5.1: 309 Listings

Project Name: | Part Number: | Type:

ILP **VOLA**
TROFFER

PRODUCT OVERVIEW — SCAN OR CLICK HERE

FEATURES

- A modern architecturally designed volumetric troffer with a steel white body, combining form and function.
- High-transmission extruded PMMA frosted acrylic lens for uniform, glare-free illumination.
- Suitable for recessed, surface, or flange mounting, with optional air return configurations for added functionality.
- Available in 1x4, 2x2, and 2x4 sizes, delivering 2,400–10,000 lumens with high efficacy of up to 151 lm/W.
- Standard 0-10V Dimmable Driver. Advanced wireless controls options and 80 and 90 CRI options available.
- Available in 3000K, 3500K, 4000K, or 5000K CCT featuring reliable performance with calculated L70 > 100,000 hours for long-lasting efficiency.
- DLC® Premium qualified and ETL listed, backed by a 5-year standard warranty (10-year optional)

DIGITAL NAVIGATION

Explore the spec sheet through the links below

ORDERING GUIDE | QUICK SHIP | LED SYSTEMS TABLE
CONTROLS | LINE DRAWINGS | PHOTOMETRIC DATA

SUITABLE APPLICATIONS

- Education
- Healthcare
- Offices
- Hallways
- Multipurpose Rooms
- Conference Rooms

CERTIFICATIONS

NUROAir Bluetooth Controls | Enlighted | vive | TITLE 24 | Intertek | DLC LISTED | DLC LISTED PREMIUM

SPECIFICATIONS

CONSTRUCTION
Steel white finish body for rigidity, durability and ease of installation. Optional paint after fabrication. Designed to achieve maximum performance and improved aesthetics.

ELECTRICAL
Class 2 LED light engine for high efficacy and long life. Calculated L70 > 100,000 hrs. Power Factor > 0.90. Standard 120-277 VAC 0-10V dimmable (10% - 100%). Optional 347V High Voltage (HV) driver. 1% dimming driver standard on optional 347V High Voltage (HV) drivers. Optional Sensor Ready and DALI Ready drivers for pairing with controls and integrated controls networks. Optional Bi-level dimming driver (100% / 50%). 1% Dimming driver and Lutron Hi-Lume 1% dimming driver.

INSTALLATION
VOLA fits into standard 15/16" & narrow 9/16" T-grid ceiling. Optional Flange Kit (FLGKxx) for recessed drywall mounting & Surface Mount (+VOLAxx SM) to ceiling mount options available. Access plate installed on top of fixture for easy hardwire power connections. Optional factory installed power flex conduit whip (MC) available to reduce electrical installation time.

OPTICS
Standard high transmission extruded PMMA frosted acrylic volumetric lens. Removable lens for easy access to LED boards and drivers for maintenance.

CONTROLS
Factory installed advanced sensor options available. Sensor mounts within the body of the fixture, see controls page for more detail (pg.4). Inquire with manufacturer for more controls options, including customer supplied items.

CERTIFICATIONS
ETL Listed to US & Canadian safety standards. Suitable for damp locations. Type IC rated. American Recovery & Reinvestment Act Funding Compliant. DLC (DesignLights Consortium) Premium Qualified, with some Standard Qualified configurations. Please refer to the DLC Qualified Products List at www.designlights.org/QPL to confirm specific product qualifications.

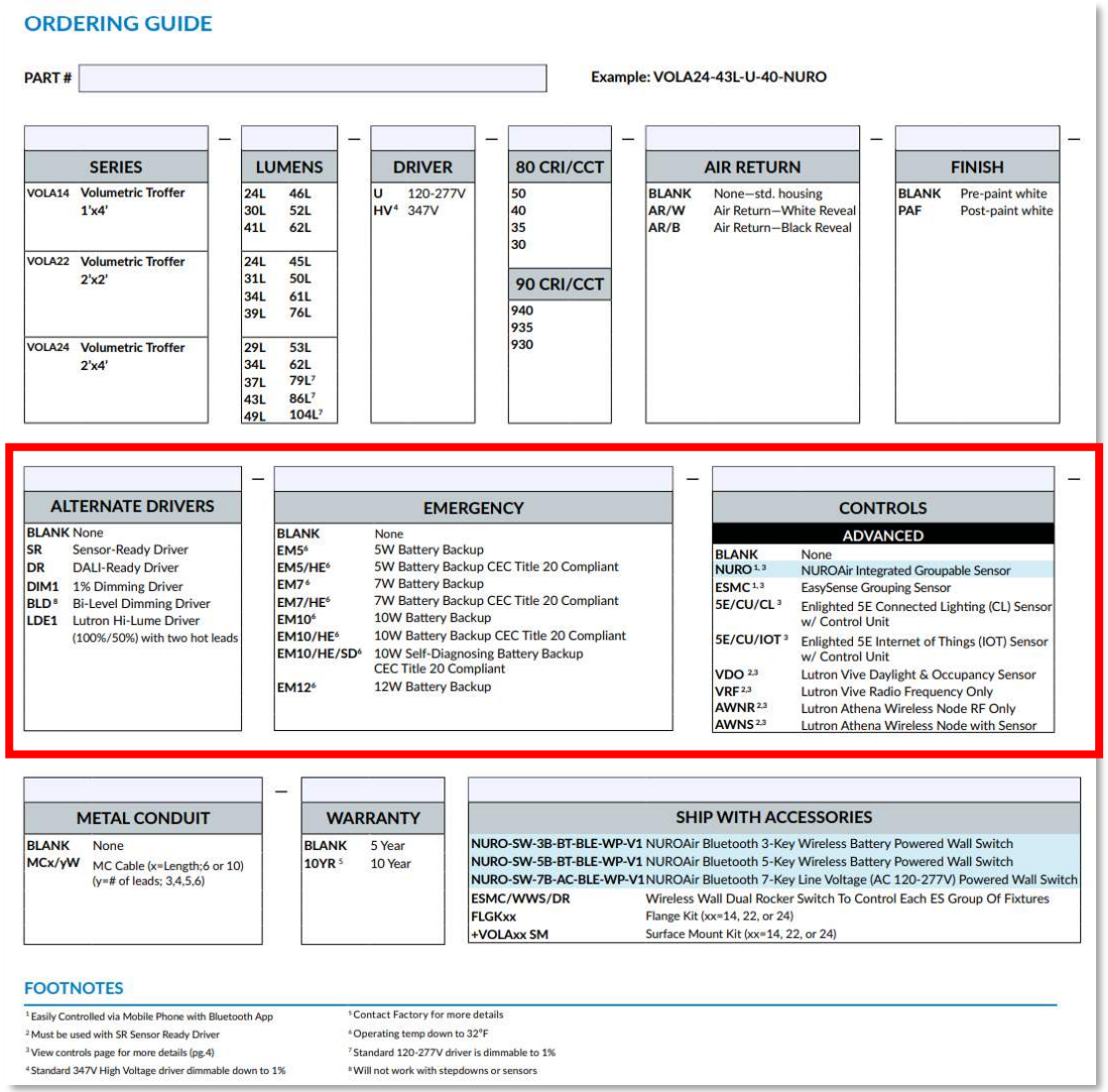
WARRANTY
5 Year Warranty Standard; 10 Year Warranty Optional (Terms and Conditions apply).

REV: 04/25 — www.ilp-inc.com | 407-478-3759 | Sanford, FL | © 2025 Copyright Industrial Lighting Products. All Rights Reserved. — 1

Controls Options Table Example - Indoor

VOLA by ILP

Ordering Guide



ORDERING GUIDE

PART # _____ Example: VOLA24-43L-U-40-NURO

SERIES		LUMENS	DRIVER	80 CRI/CCT	AIR RETURN	FINISH
VOLA14	Volumetric Troffer 1'x4'	24L 46L 30L 52L 41L 62L	U 120-277V HV[4] 347V	50 40 35 30	BLANK None—std. housing AR/W Air Return—White Reveal AR/B Air Return—Black Reveal	BLANK Pre-paint white PAF Post-paint white
VOLA22	Volumetric Troffer 2'x2'	24L 45L 31L 50L 34L 61L 39L 76L		90 CRI/CCT 940 935 930		
VOLA24	Volumetric Troffer 2'x4'	29L 53L 34L 62L 37L 79L[7] 43L 86L[7] 49L 104L[7]				

ALTERNATE DRIVERS		EMERGENCY		CONTROLS	
				ADVANCED	
BLANK	None	BLANK	None	BLANK	None
SR	Sensor-Ready Driver	EM5[6]	5W Battery Backup	NURO[1,3]	NUROAir Integrated Groupable Sensor
DR	DALI-Ready Driver	EM5/HE[6]	5W Battery Backup CEC Title 20 Compliant	ESMC[1,3]	EasySense Grouping Sensor
DIM1	1% Dimming Driver	EM7[6]	7W Battery Backup	5E/CU/CL[3]	Enlighted 5E Connected Lighting (CL) Sensor w/ Control Unit
BLD[8]	Bi-Level Dimming Driver	EM7/HE[6]	7W Battery Backup CEC Title 20 Compliant	5E/CU/IOT[3]	Enlighted 5E Internet of Things (IOT) Sensor w/ Control Unit
LDE1	Lutron Hi-Lume Driver (100%/50%) with two hot leads	EM10[6]	10W Battery Backup	VDO[2,3]	Lutron Vive Daylight & Occupancy Sensor
		EM10/HE[6]	10W Battery Backup CEC Title 20 Compliant	VRF[2,3]	Lutron Vive Radio Frequency Only
		EM10/HE/SD[6]	10W Self-Diagnosing Battery Backup CEC Title 20 Compliant	AWNR[2,3]	Lutron Athena Wireless Node RF Only
		EM12[6]	12W Battery Backup	AWNS[2,3]	Lutron Athena Wireless Node with Sensor

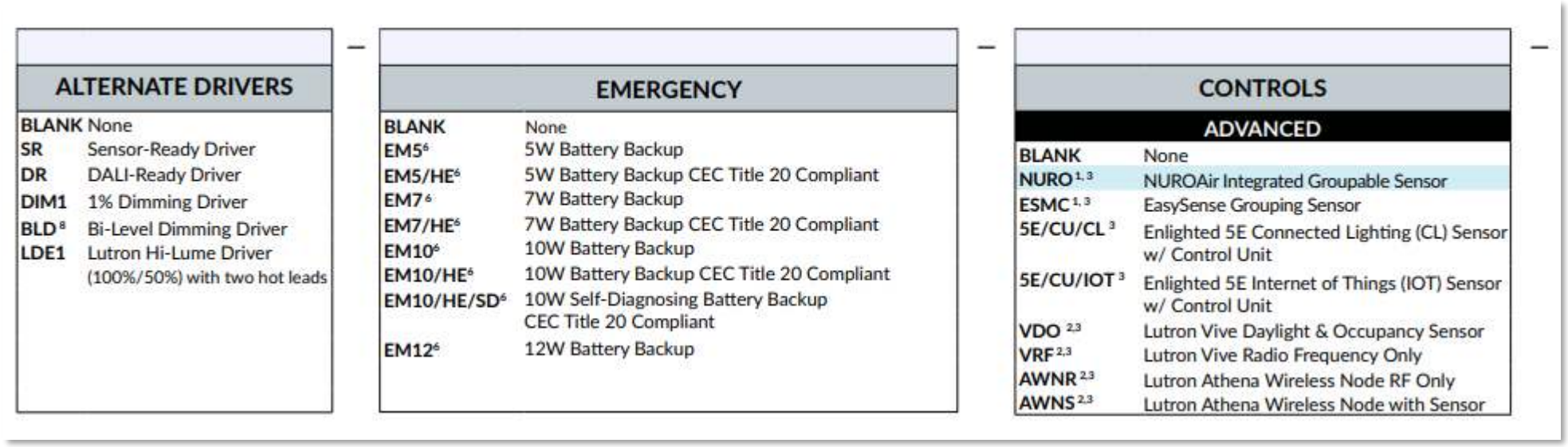
METAL CONDUIT		WARRANTY		SHIP WITH ACCESSORIES	
BLANK	None	BLANK	5 Year	NURO-SW-3B-BT-BLE-WP-V1	NUROAir Bluetooth 3-Key Wireless Battery Powered Wall Switch
MCx/yW	MC Cable (x=Length;6 or 10) (y=# of leads; 3,4,5,6)	10YR[5]	10 Year	NURO-SW-5B-BT-BLE-WP-V1	NUROAir Bluetooth 5-Key Wireless Battery Powered Wall Switch
				NURO-SW-7B-AC-BLE-WP-V1	NUROAir Bluetooth 7-Key Line Voltage (AC 120-277V) Powered Wall Switch
				ESMC/WWS/DR	Wireless Wall Dual Rocker Switch To Control Each ES Group Of Fixtures
				FLGKxx	Flange Kit (xx=14, 22, or 24)
				+VOLAxx SM	Surface Mount Kit (xx=14, 22, or 24)

FOOTNOTES

[1] Easily Controlled via Mobile Phone with Bluetooth App
[2] Must be used with SR Sensor Ready Driver
[3] View controls page for more details (pg.4)
[4] Standard 347V High Voltage driver dimmable down to 1%
[5] Contact Factory for more details
[6] Operating temp down to 32°F
[7] Standard 120-277V driver is dimmable to 1%
[8] Will not work with stepdowns or sensors

Controls Options Table Example - Indoor

VOLA by ILP



ALTERNATE DRIVERS	
BLANK	None
SR	Sensor-Ready Driver
DR	DALI-Ready Driver
DIM1	1% Dimming Driver
BLD[8]	Bi-Level Dimming Driver
LDE1	Lutron Hi-Lume Driver (100%/50%) with two hot leads

EMERGENCY	
BLANK	None
EM5[6]	5W Battery Backup
EM5/HE[6]	5W Battery Backup CEC Title 20 Compliant
EM7[6]	7W Battery Backup
EM7/HE[6]	7W Battery Backup CEC Title 20 Compliant
EM10[6]	10W Battery Backup
EM10/HE[6]	10W Battery Backup CEC Title 20 Compliant
EM10/HE/SD[6]	10W Self-Diagnosing Battery Backup CEC Title 20 Compliant
EM12[6]	12W Battery Backup

CONTROLS	
ADVANCED	
BLANK	None
NURO[1,3]	NUROAir Integrated Groupable Sensor
ESMC[1,3]	EasySense Grouping Sensor
5E/CU/CL[3]	Enlighted 5E Connected Lighting (CL) Sensor w/ Control Unit
5E/CU/IOT[3]	Enlighted 5E Internet of Things (IOT) Sensor w/ Control Unit
VDO[2,3]	Lutron Vive Daylight & Occupancy Sensor
VRF[2,3]	Lutron Vive Radio Frequency Only
AWNR[2,3]	Lutron Athena Wireless Node RF Only
AWNS[2,3]	Lutron Athena Wireless Node with Sensor

Controls Categories - Outdoor

Category	Outdoor	Notes
1	Luminaire Only	
1A	Luminaire with Photocell Only	Non-Networked
1B	Luminaire with Photocell and Part Night Dim	Non-Networked
2	Controls Ready Luminaire Only	Integral Receptacle
3	Luminaire with Occupancy Sensor	Non-Networked
4	Luminaire with Occupancy Sensor + Daylight Sensor	Non-Networked
4A	Luminaire with Occupancy Sensor + Photocell	Non-Networked
5	Luminaire with Networked Controller	
6	Luminaire Level Lighting Control (LLLC)	Integral networked controller and sensor

Controls Options Tables

- **Collected at Application Level**
  - **1 Controls Options Table -> Multiple Product IDs**

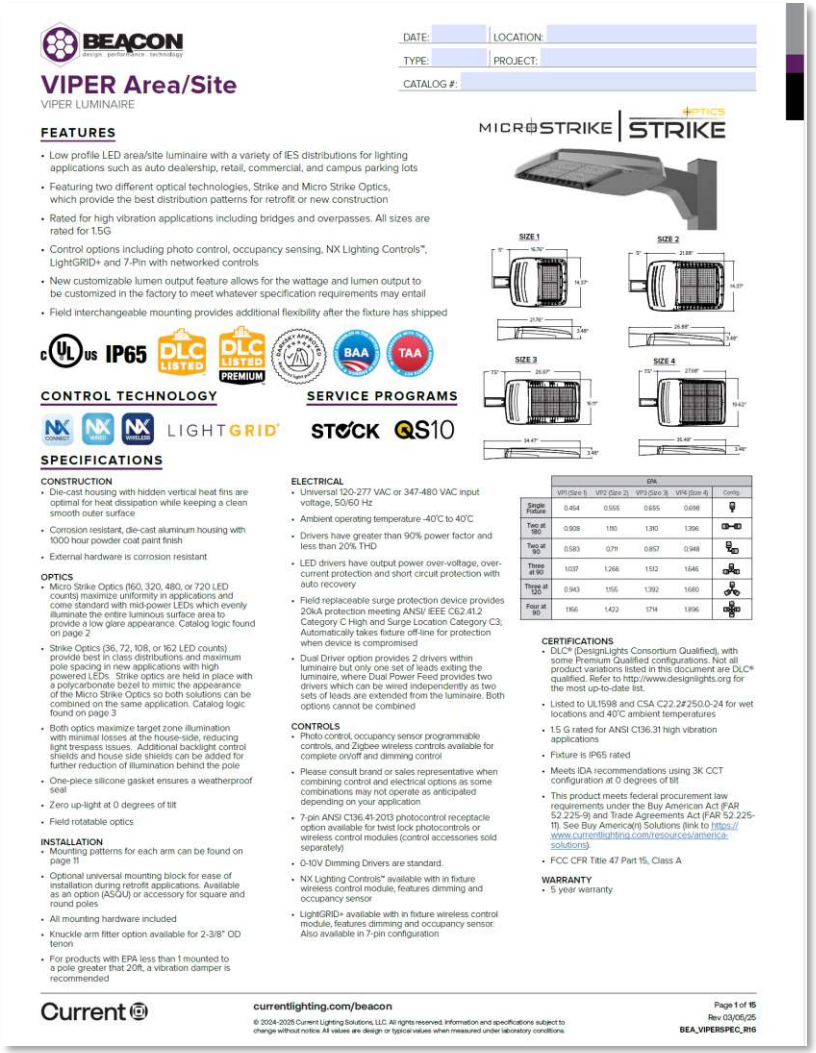
OUTDOOR											
1	2	3	4	5	6	7	8	9	10	11	12
Application ID	Controls Option Code	Driver Type	Min. Dim Level	Integral Controller Type	Controls Ready Top Receptacle Type	Controls Ready Bottom Receptacle Type	Integral Sensor Function	Integral Sensor Technology	Sensor Max Mounting Height (ft)	NLC Product ID (indoor Scope)	Controls Ready Accessory Model Numbers (optional)

Adding for Draft 2: Minimum Dim Level

Controls Options Table Example - Outdoor

VIPER
by Current

V5.1: 1,807 Listings



BEACON
design . performance . technology

DATE: LOCATION:
TYPE: PROJECT:
CATALOG #:

VIPER Area/Site

VIPER LUMINAIRE

MICRO STRIKE | STRIKE +OPTICS

FEATURES

- Low profile LED area/site luminaire with a variety of IES distributions for lighting applications such as auto dealership, retail, commercial, and campus parking lots
- Featuring two different optical technologies, Strike and Micro Strike Optics, which provide the best distribution patterns for retrofit or new construction
- Rated for high vibration applications including bridges and overpasses. All sizes are rated for 1.5G
- Control options including photo control, occupancy sensing, NX Lighting Controls™, LightGRID+ and 7-Pin with networked controls
- New customizable lumen output feature allows for the wattage and lumen output to be customized in the factory to meet whatever specification requirements may entail
- Field interchangeable mounting provides additional flexibility after the fixture has shipped

c UL us IP65 DLC LISTED DLC LISTED PREMIUM BAA TAA

SIZE 1 SIZE 2 SIZE 3 SIZE 4

CONTROL TECHNOLOGY

NX CONNECT NX WIRED NX WIRELESS LIGHTGRID

SERVICE PROGRAMS

STOCK QS10

SPECIFICATIONS

CONSTRUCTION
- Die-cast housing with hidden vertical heat fins are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with 1000 hour powder coat paint finish
- External hardware is corrosion resistant

OPTICS
- Micro Strike Optics (160, 320, 480, or 720 LED counts) maximize uniformity in applications and come standard with mid-power LEDs which evenly illuminate the entire luminous surface area to provide a low glare appearance. Catalog logic found on page 2
- Strike Optics (36, 72, 108, or 162 LED counts) provide best in class distributions and maximum pole spacing in new applications with high powered LEDs. Strike optics are held in place with a polycarbonate bezel to mimic the appearance of the Micro Strike Optics so both solutions can be combined on the same application. Catalog logic found on page 3
- Both optics maximize target zone illumination with minimal losses at the house-side, reducing light trespass issues. Additional backlight control shields and house side shields can be added for further reduction of illumination behind the pole
- One-piece silicone gasket ensures a weatherproof seal
- Zero up-light at 0 degrees of tilt
- Field rotatable optics

INSTALLATION
- Mounting patterns for each arm can be found on page 11
- Optional universal mounting block for ease of installation during retrofit applications. Available as an option (ASQU) or accessory for square and round poles
- All mounting hardware included
- Knuckle arm fitter option available for 2-3/8" OD tenon
- For products with EPA less than 1 mounted to a pole greater that 20ft, a vibration damper is recommended

ELECTRICAL
- Universal 120-277 VAC or 347-480 VAC input voltage, 50/60 Hz
- Ambient operating temperature -40°C to 40°C
- Drivers have greater than 90% power factor and less than 20% THD
- LED drivers have output power over-voltage, over-current protection and short circuit protection with auto recovery
- Field replaceable surge protection device provides 20kA protection meeting ANSI/ IEEE C62.41.2 Category C High and Surge Location Category C3; Automatically takes fixture off-line for protection when device is compromised
- Dual Driver option provides 2 drivers within luminaire but only one set of leads exiting the luminaire, where Dual Power Feed provides two drivers which can be wired independently as two sets of leads are extended from the luminaire. Both options cannot be combined

CONTROLS
- Photo control, occupancy sensor programmable controls, and Zigbee wireless controls available for complete on/off and dimming control
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application
- 7-pin ANSI C136.41-2013 photocontrol receptacle option available for twist lock photocontrols or wireless control modules (control accessories sold separately)
- 0-10V Dimming Drivers are standard.
- NX Lighting Controls™ available with in fixture wireless control module, features dimming and occupancy sensor
- LightGRID+ available with in fixture wireless control module, features dimming and occupancy sensor. Also available in 7-pin configuration

EPA

	VIP1 (Size 1)	VIP2 (Size 2)	VIP3 (Size 3)	VIP4 (Size 4)	Config.
Single Fixture	0.454	0.555	0.655	0.698	
Two at 180	0.908	1.110	1.310	1.396	
Two at 90	0.583	0.711	0.857	0.948	
Three at 90	1.037	1.266	1.512	1.646	
Three at 120	0.943	1.155	1.392	1.680	
Four at 90	1.166	1.422	1.714	1.896	

CERTIFICATIONS
- DLC® (DesignLights Consortium Qualified), with some Premium Qualified configurations. Not all product variations listed in this document are DLC® qualified. Refer to http://www.designlights.org for the most up-to-date list.
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and 40°C ambient temperatures
- 1.5 G rated for ANSI C136.31 high vibration applications
- Fixture is IP65 rated
- Meets IDA recommendations using 3K CCT configuration at 0 degrees of tilt
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225-11). See Buy America(n) Solutions (link to https://www.currentlighting.com/resources/america-solutions)
- FCC CFR Title 47 Part 15, Class A

WARRANTY
- 5 year warranty

Current

currentlighting.com/beacon

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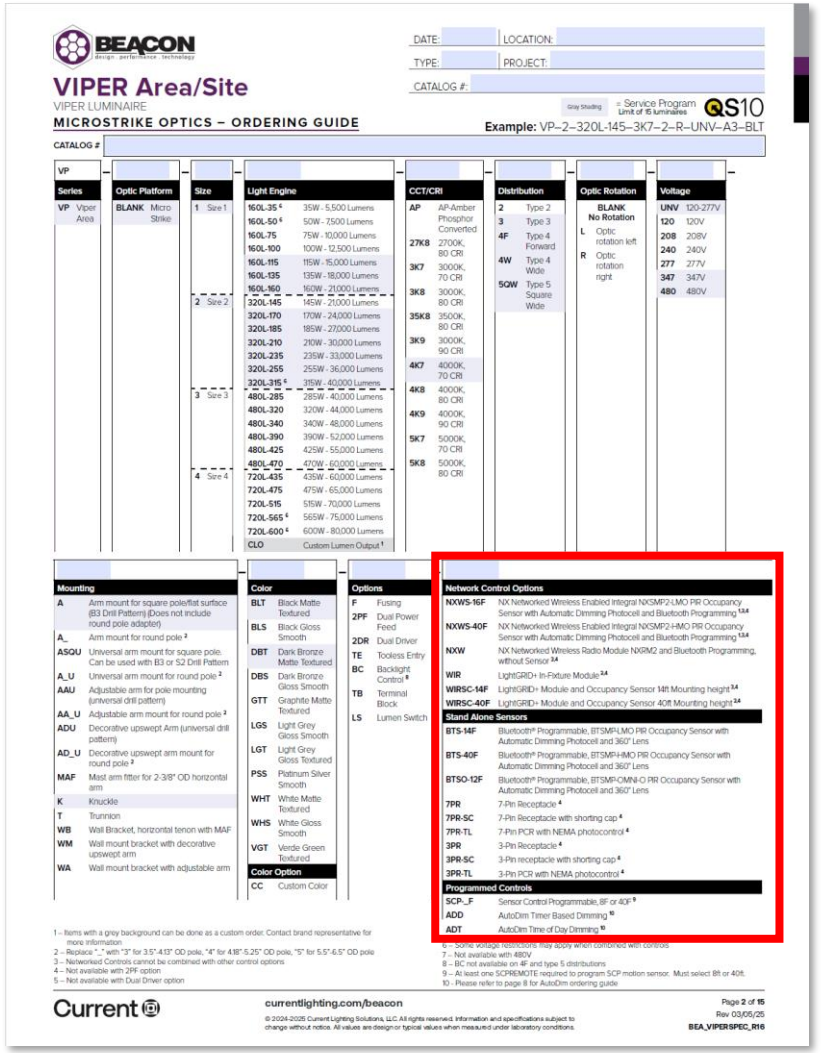
Controls Options Table Example - Outdoor

VIPER by Current

Ordering Guide



BEACON

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Area/Site

VIPER LUMINAIRE

MICROSTRIKE OPTICS – ORDERING GUIDE

Example: VP–2–320L-145–3K7–2–R–UNV–A3–BLT

Gray Shading = Service Program Limit of 15 luminaires QS10

CATALOG #

VP – _ – _ – _ – _ – _ – _ – _ – _ – _

Series	Optic Platform	Size	Light Engine	CCT/CRI	Distribution	Optic Rotation	Voltage
VP Viper Area	BLANK Micro Strike	1 Size 1	160L-35 [4] 35W - 5,500 Lumens	AP AP-Amber Phosphor Converted	2 Type 2	BLANK No Rotation	UNV 120-277V
			160L-50 [4] 50W - 7,500 Lumens	27K8 2700K, 80 CRI	3 Type 3	L Optic rotation left	120 120V
			160L-75 75W - 10,000 Lumens	3K7 3000K, 70 CRI	4F Type 4 Forward	R Optic rotation right	208 208V
			160L-100 100W - 12,500 Lumens	3K8 3000K, 80 CRI	4W Type 4 Wide		240 240V
			160L-115 115W - 15,000 Lumens	35K8 3500K, 80 CRI	5QW Type 5 Square Wide		277 277V
			160L-135 135W - 18,000 Lumens	3K9 3000K, 90 CRI			347 347V
			160L-160 160W - 21,000 Lumens	4K7 4000K, 70 CRI			480 480V
		2 Size 2	320L-145 145W - 21,000 Lumens	4K8 4000K, 80 CRI			
			320L-170 170W - 24,000 Lumens	4K9 4000K, 90 CRI			
			320L-185 185W - 27,000 Lumens	5K7 5000K, 70 CRI			
			320L-210 210W - 30,000 Lumens	5K8 5000K, 80 CRI			
			320L-235 235W - 33,000 Lumens				
			320L-255 255W - 36,000 Lumens				
			320L-315 [4] 315W - 40,000 Lumens				
		3 Size 3	480L-285 285W - 40,000 Lumens				
			480L-320 320W - 44,000 Lumens				
			480L-340 340W - 48,000 Lumens				
			480L-390 390W - 52,000 Lumens				
			480L-425 425W - 55,000 Lumens				
			480L-470 470W - 60,000 Lumens				
		4 Size 4	720L-435 435W - 60,000 Lumens				
			720L-475 475W - 65,000 Lumens				
			720L-515 515W - 70,000 Lumens				
			720L-565 [4] 565W - 75,000 Lumens				
			720L-600 [4] 600W - 80,000 Lumens				
			CLO Custom Lumen Output [1]				

Mounting	Color	Options	Network Control Options
A Arm mount for square pole/flat surface (Ø3 Drill Pattern) (Does not include round pole adapter)	BLT Black Matte Textured	F Fusing	**Network Control Options**
A_ Arm mount for round pole [2]	BLS Black Gloss Smooth	2PF Dual Power Feed	NXWS-16F NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,8,9]
ASQU Universal arm mount for square pole. Can be used with B3 or S2 Drill Pattern	DBT Dark Bronze Matte Textured	2DR Dual Driver	NXWS-40F NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,8,9]
A_U Universal arm mount for round pole [2]	DBS Dark Bronze Gloss Smooth	TE Tooless Entry	NXW NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor [3,4]
AAU Adjustable arm for pole mounting (universal drill pattern)	GTT Graphite Matte Textured	BC Backlight Control [8]	WIR LightGRID+ In-Fixture Module [3,4]
AA_U Adjustable arm mount for round pole [2]	LGS Light Grey Gloss Smooth	TB Terminal Block	WIRSC-14F LightGRID+ Module and Occupancy Sensor 14ft Mounting height [3,4]
ADU Decorative upswept Arm (universal drill pattern)	LGT Light Grey Gloss Textured	LS Lumen Switch	WIRSC-40F LightGRID+ Module and Occupancy Sensor 40ft Mounting height [3,4]
AD_U Decorative upswept arm mount for round pole [2]	PSS Platinum Silver Smooth		**Stand Alone Sensors**
MAF Mast arm fitter for 2-3/8" OD horizontal arm	WHT White Matte Textured		BTS-14F Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
K Knuckle	WHS White Gloss Smooth		BTS-40F Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
T Trunnion	VGT Verde Green Textured		BTSO-12F Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
WB Wall Bracket, horizontal tenon with MAF	**Color Option**		7PR 7-Pin Receptacle [4]
WM Wall mount bracket with decorative upswept arm	CC Custom Color		7PR-SC 7-Pin Receptacle with shorting cap [4]
WA Wall mount bracket with adjustable arm			7PR-TL 7-Pin PCR with NEMA photocontrol [4]
			3PR 3-Pin Receptacle [4]
			3PR-SC 3-Pin receptacle with shorting cap [4]
			3PR-TL 3-Pin PCR with NEMA photocontrol [4]
			Programmed Controls
			SCP_F Sensor Control Programmable, 8F or 40F [9]
			ADD AutoDim Timer Based Dimming [10]
			ADT AutoDim Time of Day Dimming [10]

1 – Items with a grey background can be done as a custom order. Contact brand representative for more information
2 – Replace "_" with "3" for 3.5"-4.13" OD pole, "4" for 4.18"-5.25" OD pole, "5" for 5.5"-6.5" OD pole
3 – Networked Controls cannot be combined with other control options
4 – Not available with 2PF option
5 – Not available with Dual Driver option
6 – Some voltage restrictions may apply when combined with controls
7 – Not available with 480V
8 – BC not available on 4F and type 5 distributions
9 – At least one SCPREMOTE required to program SCP motion sensor. Must select 8ft or 40ft.
10 - Please refer to page 8 for AutoDim ordering guide

Current

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Controls Options Table Example - Outdoor

VIPER by Current

V5.1: 1,807 Listings

Network Control Options	
NXWS-16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,3,4]
NXWS-40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,3,4]
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor [3,4]
WIR	LightGRID+ In-Fixture Module [3,4]
WIRSC-14F	LightGRID+ Module and Occupancy Sensor 14ft Mounting height [3,4]
WIRSC-40F	LightGRID+ Module and Occupancy Sensor 40ft Mounting height [3,4]
Stand Alone Sensors	
BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
7PR	7-Pin Receptacle [4]
7PR-SC	7-Pin Receptacle with shorting cap [4]
7PR-TL	7-Pin PCR with NEMA photocontrol [4]
3PR	3-Pin Receptacle [4]
3PR-SC	3-Pin receptacle with shorting cap [4]
3PR-TL	3-Pin PCR with NEMA photocontrol [4]
Programmed Controls	
SCP-_F	Sensor Control Programmable, 8F or 40F [9]
ADD	AutoDim Timer Based Dimming [10]
ADT	AutoDim Time of Day Dimming [10]

Controls Options Table Example - Outdoor

VIPER by Current

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NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor [3,4]
WIR	LightGRID+ In-Fixture Module [3,4]
WIRSC-14F	LightGRID+ Module and Occupancy Sensor 14ft Mounting height [3,4]
WIRSC-40F	LightGRID+ Module and Occupancy Sensor 40ft Mounting height [3,4]
Stand Alone Sensors	
BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
7PR	7-Pin Receptacle [4]
7PR-SC	7-Pin Receptacle with shorting cap [4]
7PR-TL	7-Pin PCR with NEMA photocontrol [4]
3PR	3-Pin Receptacle [4]
3PR-SC	3-Pin receptacle with shorting cap [4]
3PR-TL	3-Pin PCR with NEMA photocontrol [4]
Programmed Controls	
SCP-_F	Sensor Control Programmable, 8F or 40F [9]
ADD	AutoDim Timer Based Dimming [10]
ADT	AutoDim Time of Day Dimming [10]

Key Questions - Controllability

Draft 1: Page 73

Key Questions Regarding Controls Categories and Other Controllability Proposals

1. The DLC is requiring all qualified products listed to be continuously dimmable down to at least 20%. What feedback, if any, do you have about this proposal?
2. Are there any Driver Types missing in **Table 19** or **Table 20**?
3. Are there any Integral Sensor Types missing in **Table 19** or **Table 20**?
4. Are there any Driver and Integral Controller Types missing in **Table 22**?
5. Are there any Integral Sensor Functions and Technologies missing in **Table 22**?
6. Are there any Controls Ready receptacle types missing in **Table 18**?
7. Draft 1 proposes that luminaires with only 3-pin Twistlock receptacles as an option are not eligible for V6.0 listing because they do not support dimming through the receptacle. What feedback, if any, do you have about this proposal?

Draft 1: Field Adjustable

Field Adjustable Rationale:

Why

Better align with industry practice and encourage use of lower output and CCTs.

What

Define 'Field Adjustable' as changes made at time of installation, local to the luminaire.

How

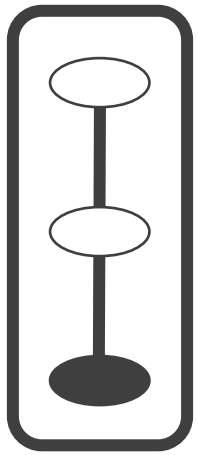
Three FA Types: FALO (output), FACT (color temp), FALD (distribution)

Field Adjustable vs Dimming/Tuning

Changes made physically at the luminaire	Changes made remote from the luminaire
During installation	Normal Operation
Field Adjustable	**Dimming/Tuning**

Field Adjustable Light Output (FALO)

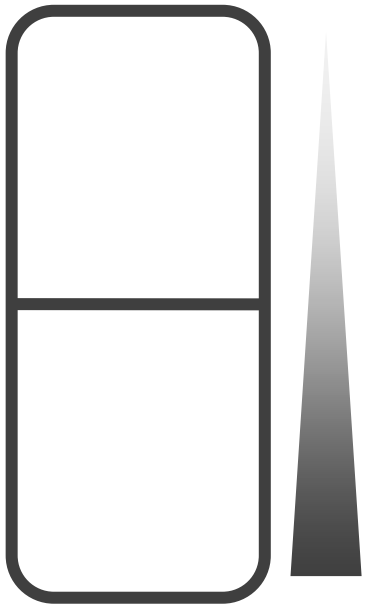
Splitting Field Adjustable Light Output from dimming



Lumen Output

Propose that products ship at lowest wattage setting

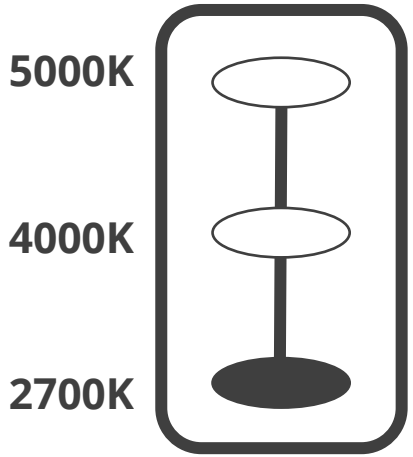
Field Adjustable Light Output



Dimming

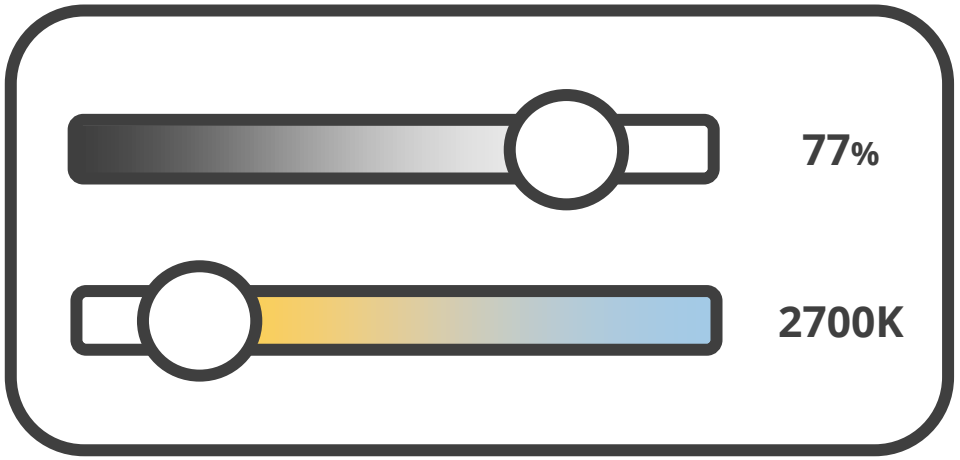
Field Adjustable Correlated Color Temperature (FACT)

Splitting FACT from color-tuning



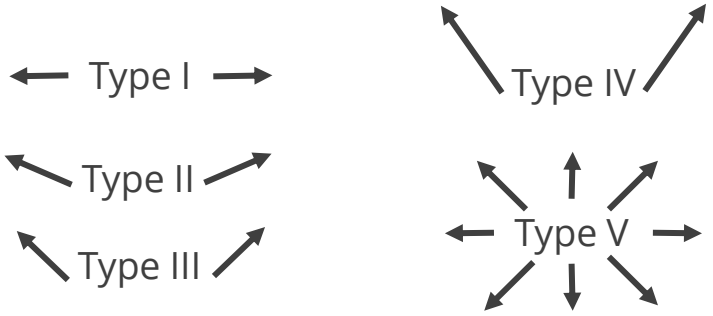
Color Temperature

Propose that products ship at lowest CCT setting



Field Adjustable Light Distribution (FALD)

- Field Adjustable Light Distribution
  - Display
    - Type
    - Range
      - Indoor: degrees
      - Outdoor: IES + NEMA Distribution Types



IES Distribution Types

Beam Spread (deg)	NEMA Type	Description
10-18	1	Very Narrow
18-29	2	Narrow
29-46	3	Medium Narrow
46-70	4	Medium
70-100	5	Medium Wide
100-130	6	Wide
130+	7	Very Wide

Key Questions – Field Adjustable

Draft 1: Page 79

Key Questions regarding field adjustability proposals

1. One implication of the proposed requirements for Field Adjustable Light Output products is that products seeking a FALO listing will need to be dimmable (changes made remote from the luminaire during normal operation) as well as field adjustable (changes made while physically located at the individual luminaire, typically during installation). Does this change have any implications for your current product line?
2. Do you have any feedback about the changes proposed for reported data about field adjustable luminaires?

Q&A

SSL V6.0 & LUNA V2.0 – Release Timeline