

Agenda

- What is LUNA?
- How to Submit LUNA Applications
 - The Process and What Changed
 - Application Excel Forms
- New Submitter Tools
 - New DLC-formatted SPD and Luminous Intensity Images
- New Controllability Terms (Table 7 vs Table 9)
- How to Find LUNA Products on the QPL
- Fees and Review Timelines
- Resources Available

Webinar Team





Bernadette Boudreaux Ass. Director of Operations Application Process



Aaron Feldman Senior Technical Analyst Application Process



Kasey Holland Technical Manager Spectral Quality



Leora Radetsky Senior Lighting Scientist Distribution



Levin Nock Technical Manager Controllability



Q&A Moderator



Dave Ryan SSL/LUNA Lead Reviewer



Webinar Logistics

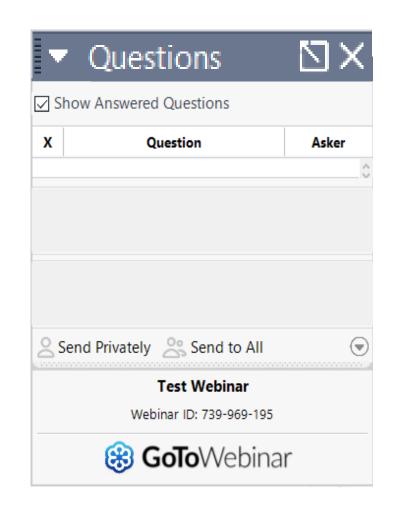
Please enter your questions in the Questions pane in GoToWebinar.

- Some questions answered in the Questions Pane
- Some questions answered aloud (anonymously) at the end during the Q&A session



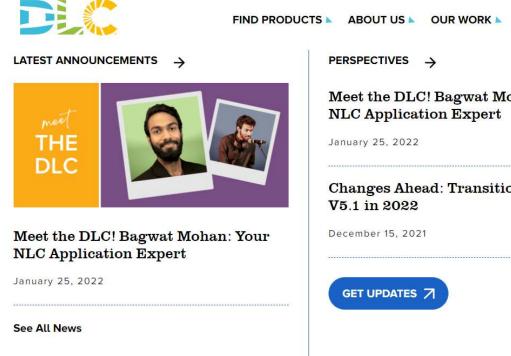
All attendees are automatically muted

If you experience technical issues, please use the chat pane to let us know



Recordings

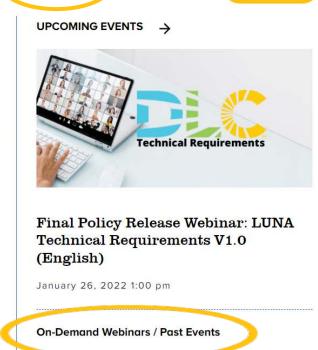
• Slides and recorded webinar will be posted on the DLC News & Events page at www.designlights.org/news-events shortly after today's presentation





RESOURCES >

NEWS & EVENTS



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MyDLC



Overview



LUNA Outdoor Luminaires

1. Minimize lighting energy use

2. Minimize light pollution

3. Provide appropriate visibility for people

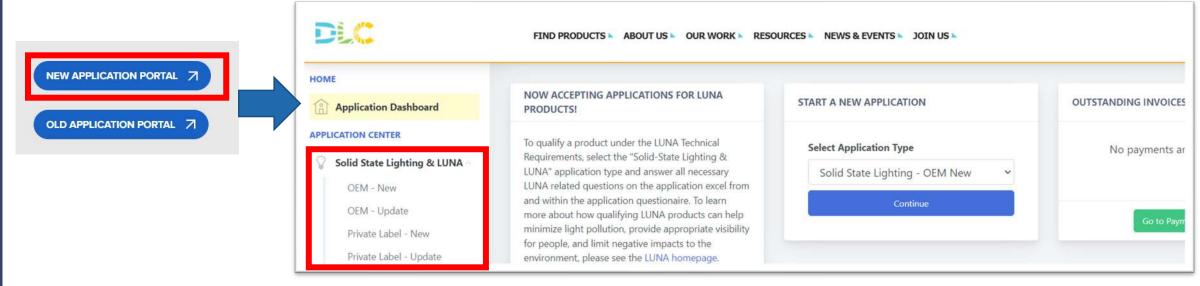




How to Submit Applications



How to Submit a LUNA Application



To submit for LUNA you must submit the appropriate SSL application: Each application type will include specific questions related to LUNA

- SSL OEM NEW AND UPDATE
- SSL PL NEW AND UPDATE

You can update a product to LUNA or qualify a product to 5.1 and LUNA with the same application.

PL manufacturers have the OPTION to qualify a product to LUNA if the OEM products have the LUNA designation

Apps that were submitted prior to 4/4 must submit a new app to add LUNA





The Process and What Has Changed

Application process flow the same for SSL and LUNA

SSL and LUNA OEM New & Update Applications

Application Submission Initial Review Invoice Payment Comprehensive Review Publish to QPL

SSL and LUNA Private Label New & Update Applications



INSTRUCTIONS

For instructions on how to submit this application type and to download the SSL OEM New App Excel Form for SSL Level 1 applications (previously known as single product applications) or SSL Level 2 applications (previously known as family grouping applications) please see:

View SSL & LUNA Level 1 Instructions

View SSL & LUNA Level 2 Instructions



Questionnaire There are new and updated questions added to the LUNA application form:

2. Please select if any products in this application are targeting LUNA qualification.

This is only eligible for specific primary use designations within the outdoor luminaires category. Additional information on LUNA qualification can be found on the LUNA program page.

O Yes

No

Added to ALL apps
Default = No
Existing App – select No
Only addition for PL

Include Shield/Mounting Info where applicable on spec sheet or other docs

3. Please upload a specification sheet for each product included in your application.

Required

For LUNA applications, if your specification sheet does not include shielding and/or mounting options/accessories please upload additional documentation describing these options/accessories. Specification sheets that are submitted must be the customer-facing specification sheets used in the marketplace. Specification sheets created for the sole purpose of DLC submission are not acceptable. Product specification sheets must clearly detail dimming/control capabilities if products are capable of dimming and/or have controls. Multiple specification sheets are acceptable if all products are not included in a single document.

25. Please upload an LM-79/distribution report PDF for each unique optical variation submitted.

Required

This is required for LUNA applications and optional for non-LUNA application.

PDF distribution reports may be beneficial for the reviewer to understand the testing conducted on your products.

The following are for LUNA products only:

These must accompany all IES photometric files uploaded above.

The tested product from this report must be the highest light output within the family and include the worst case performance affecting mounting options.

A product image must be included in this report showing the optics, mounting and shields if applicable.

Required for LUNA

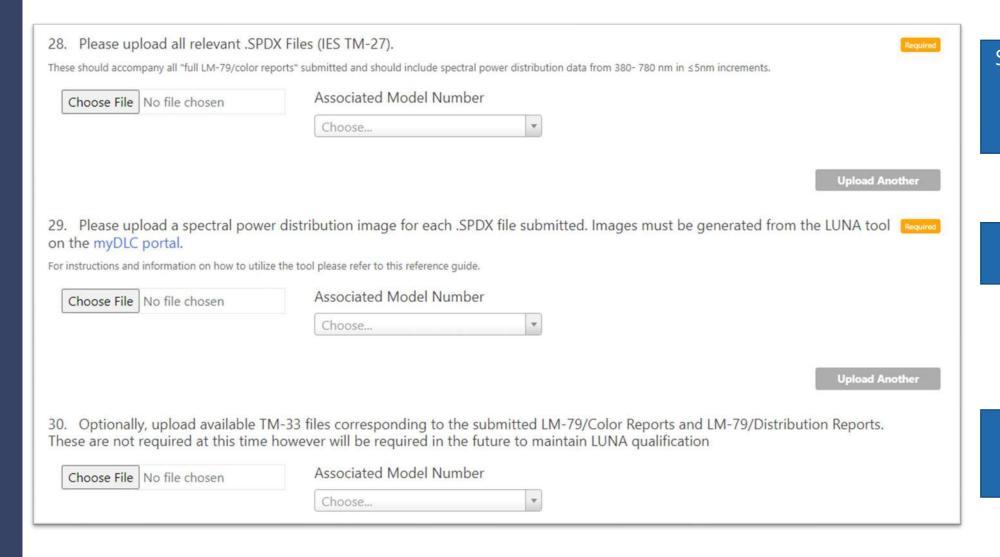
Use Submitter Tools on MyDLC Portal

29. Please upload a luminous intensity distribution image, also known as a polar candela plot, for each unique optical variation submitted. Images must be generated from the LUNA tool on the myDLC portal.

Required

For instructions and information on how to utilize the tool please refer to this reference guide.

Questionnaire



Submit same file used to generate images

Use TM-27

Use Submitter Tools on MyDLC Portal

OPTIONAL:
Will be required in future revisions

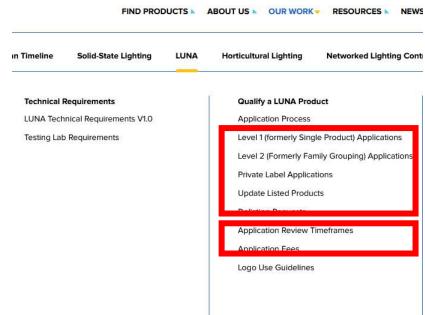


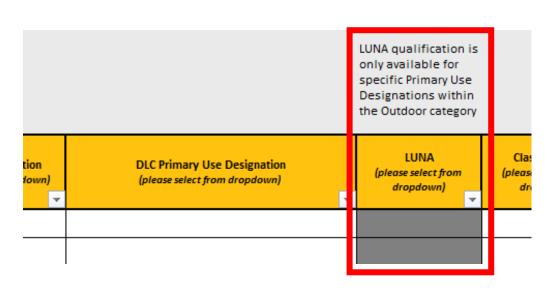
Application Excel Forms

Application Excel Forms

New Excel Forms need to be used for LUNA

- SSL OEM New
- SSL OEM Update
- There will be new fields that capture info on LUNA products
- LUNA sections are required when LUNA is selected





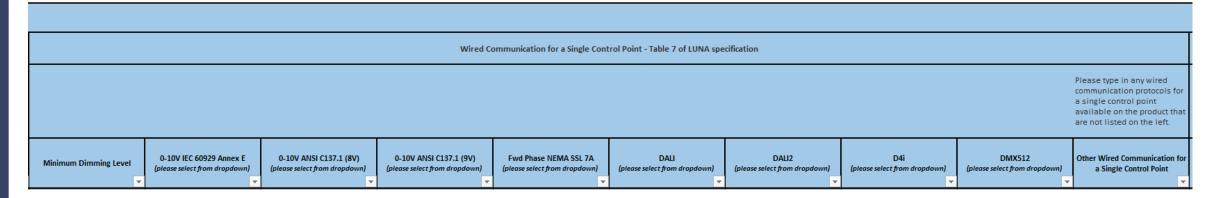


Controllability: Integral Controls Select in addition to 5.1 controls

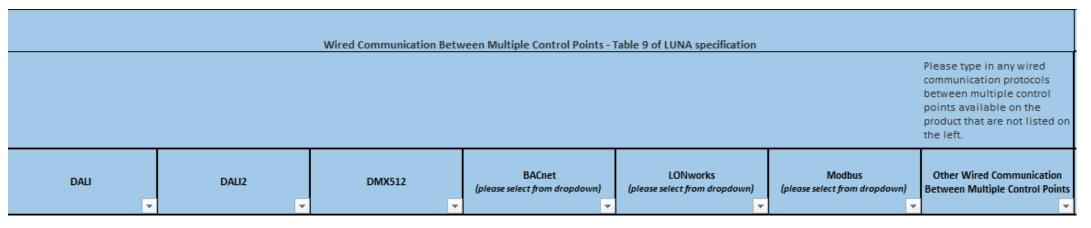
LUNA Specific Columns Start Here				
Integral Control Capabilities Please select any additional capabilities beyond those selected in column AG			Integral Control Receptacle Standard	
				Please leave blank if not applicable
Part Night Dim (please select from dropdown)	Photocontrol with Self- Calibrating Astronomic Clock (please select from dropdown)	Low-end Trim for Vacancy Mode (please select from dropdown)	Integral Control Receptacle Standard (please select from dropdown)	Other Integral Control Receptacle Standard Name



Controllability Wired Communication for a Single Control Point- Table 7

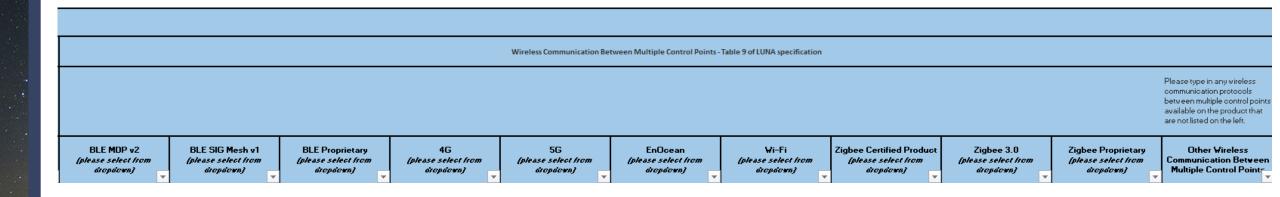


Controllability Wired Communication Between Multiple Control Points-Table 9





Controllability-Wireless Wireless Communication Between Multiple Control Points Table 9 of LUNA specification







New Submitter Tools



Web

NEW APPLICATION PORTAL 7 APPLICATION PORTAL 7 Dashboard Q QPL Search News & Updates **Events & Webinars Application Pre-submission Tools** Resources & Tools **QPL Data Access & API Profile Settings**

The LUNA Pre-submission Tool was designed by the DLC for use by submitters who intend to submit products for qualification to the DLC Solid-State Lighting Qualified Products List (QPL) with the additional LUNA designation. This tool allows submitters to upload an .IES or .SPDX document to validate, generate, preview and download DLC-formatted luminous intensity distribution images and spectral power distribution (SPD) in .png format for use in the application submission process.

The generated images provide a consistent format for the appearance of these graphics on the QPL. The image files are not stored and must be downloaded by the submitter to include in the application submission. Alternative SPD and luminous intensity images from other software will not be accepted for LUNA applications.

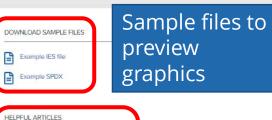
This Pre-submission tool also validates that the uploaded document meets the DLC requirements for .IES or .SPDX files required for LUNA V1.0, and helps submitters identify missing information by generating an error message in the tool. Please see the "helpful articles" for information about common error messages.

If you have questions about this tool, please reach out to applications@designlights.org

Upload IES file or SPDX document

Click on the upload IES or SPDX button below to select one .ies file or .spdx document. After uploading, you will see the validation results on the next screen. If the file has validation errors, you will be informed of errors that need to be resolved prior to re-uploading the file. If the file has no errors, you will be able to view and download the generated .png image for use in the LUNA application.

UPLOAD IES OR SPDX &



Intro to the LUNA Pre-submission Tool
Common SPDX and IES Validation Errors
View More
V

Helpful articles including common error messages

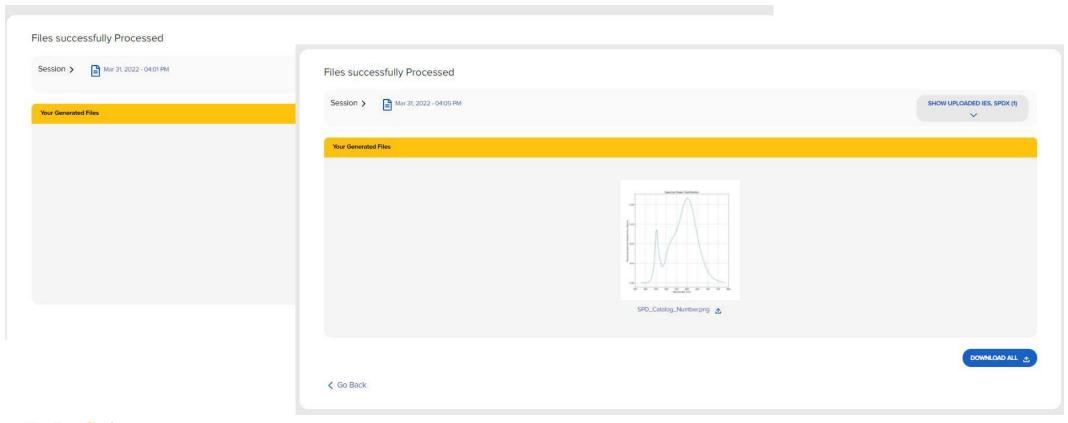
Step 1: Upload data

Upload IES file or SPDX document

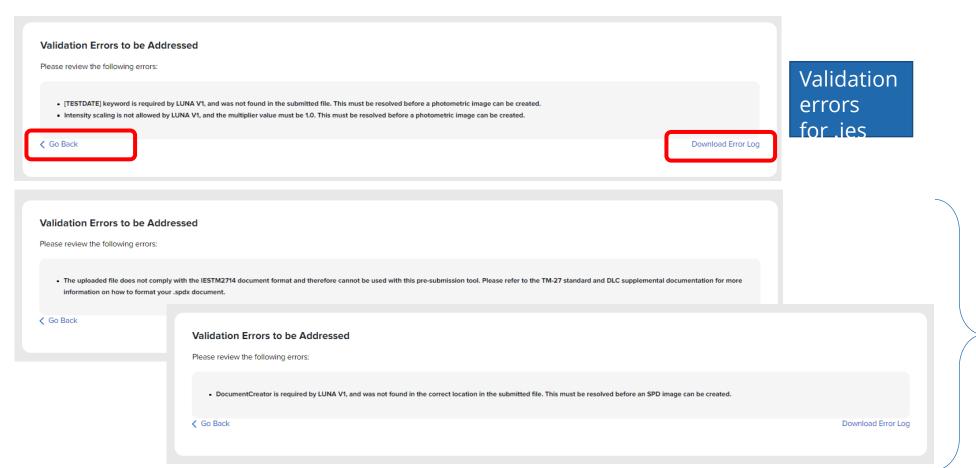
Click on the upload IES or SPDX button below to select one .ies file or .spdx document. After uploading, you will see the validation results on the next screen. If the file has validation errors, you will be informed of errors that need to be resolved prior to re-uploading the file. If the file has no errors, you will be able to view and download the generated .png image for use in the LUNA application.

UPLOAD IES OR SPDX ★

Step 2a: Preview file (no validation errors)



Step 2b: Fix validation errors

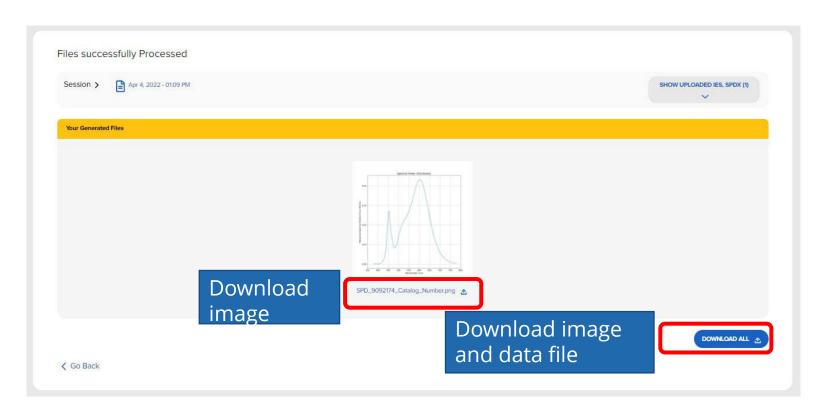


Validation errors for .spdx documents

https://www.designlights.org/graphics-tool/common-spdx-and-ies-validation-errors/



Step 3: Download image for submission

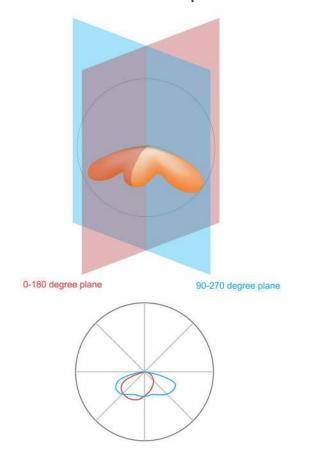


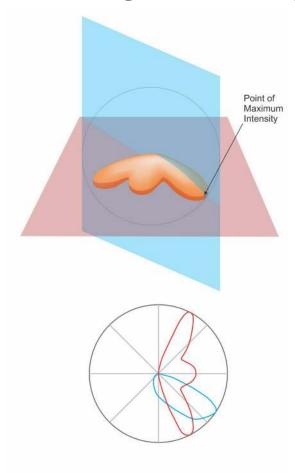


What may be different

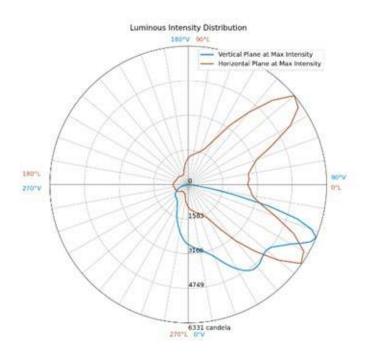
Fixed vertical planes

DLC: Planes through max intensity





DLC formatted image from LUNA Pre-submission Tool







LUNA Controllability Rationale

 Minimize sky glow and light trespass flexibly throughout the night



3) Recognize circuit level controls and standalone controls as inexpensive ways to address Goals 1,2









Controllability: Overview

LUNA controllability testing and reporting requirements.

Highlights from Table 7 of the LUNA Technical Requirements.

(not required for Specialty Primary Use Designations intended for hazardous locations)

Metric	LUNA V1 Requirements	
	Continuous dimming capability to <20% of maximum output power is required .	
Dimming Capability	Each product is required must support at least one Communication method for dimming (either wired communication for a single control point, or communication between multiple controls points)	
Wired Communication for a Single Control Point	Wired Communication for a Single Control Point is reported .	
Integral Controls	Capability for integral controls is reported .	
Communication Between Multiple Control Points (Wired or Wireless)	The communication standard protocol is reported .	



The Parameter Formerly Known as Dimming Protocol



Old

- Dimming standard protocol between driver and sensor/controller
- Communication standard protocol between luminaires and other devices

became

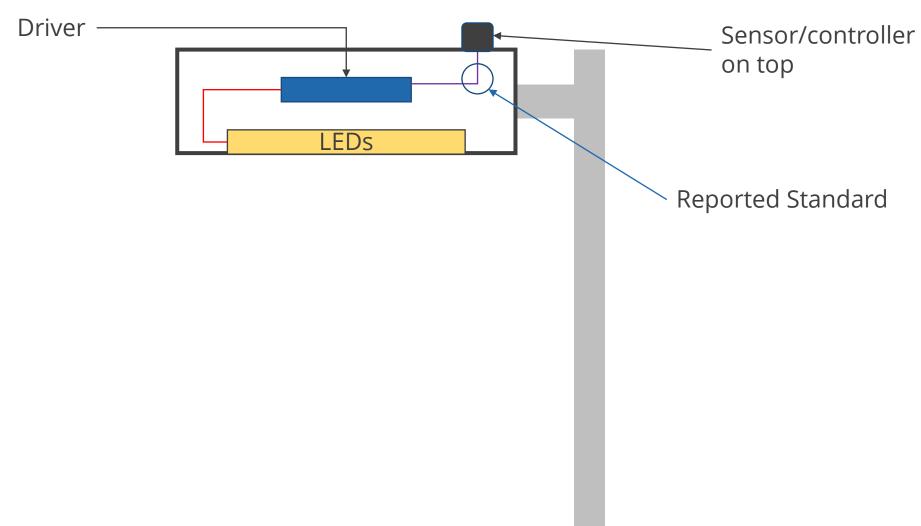


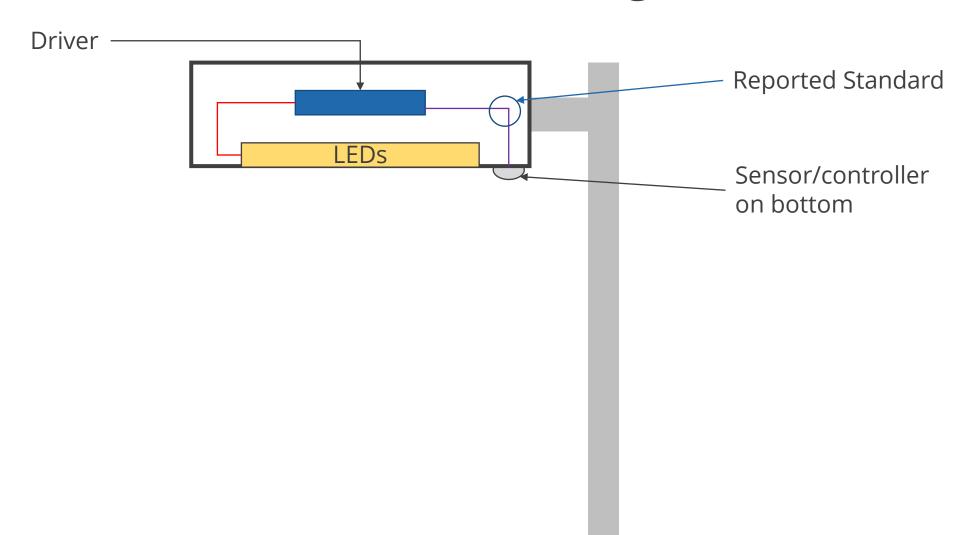


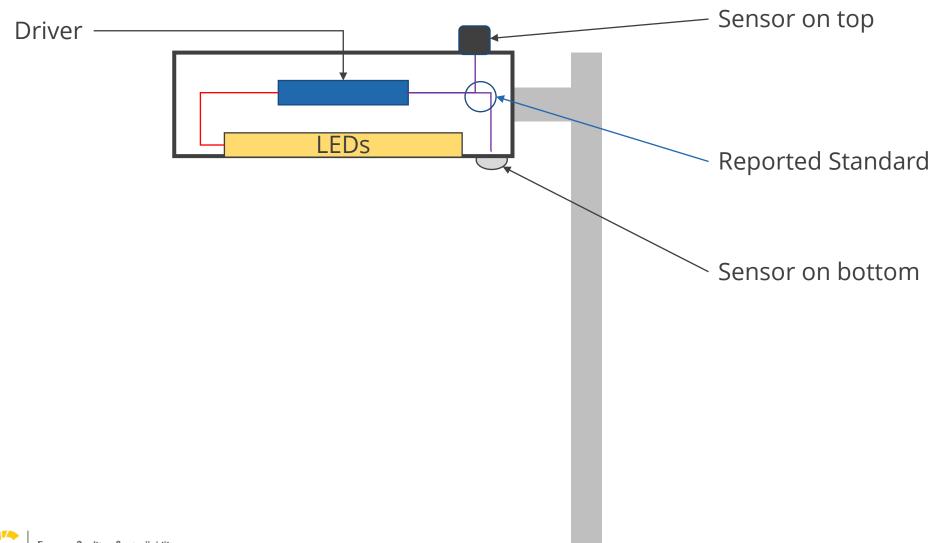
New

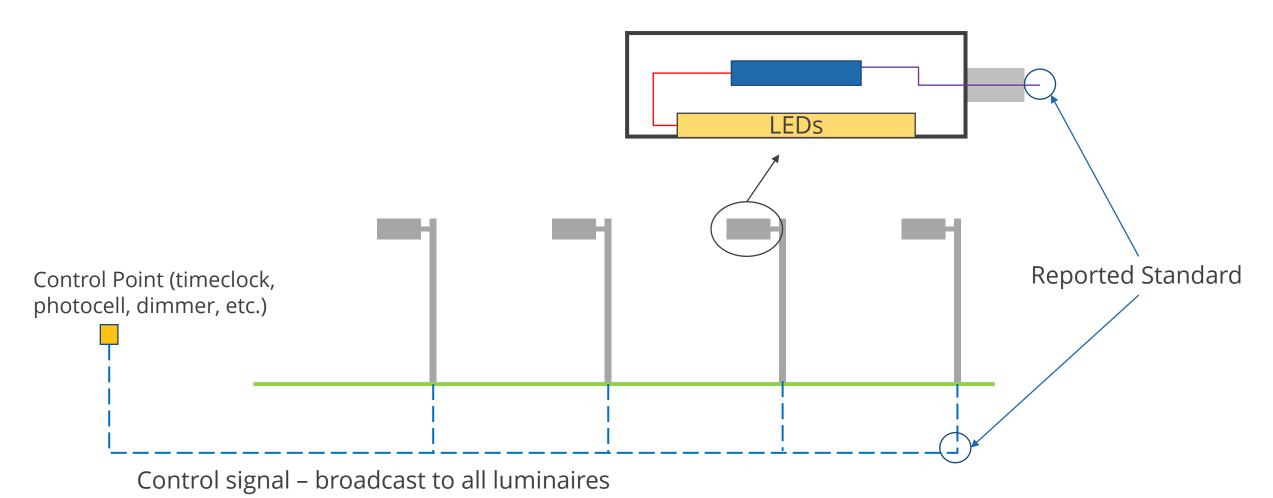
- Wired Communication for a Single Control Point
- Communication Between Multiple Control Points





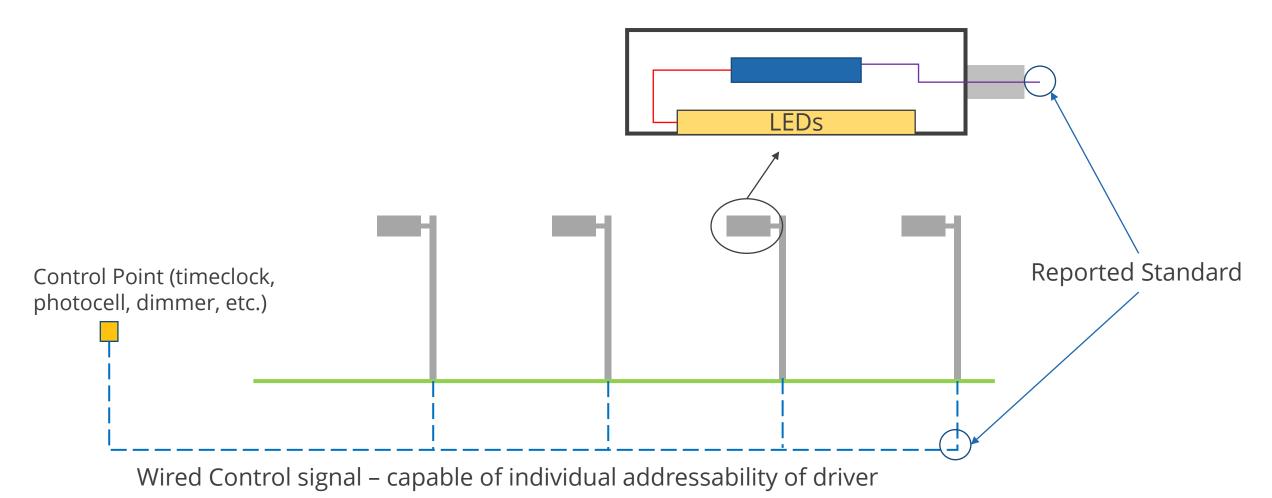








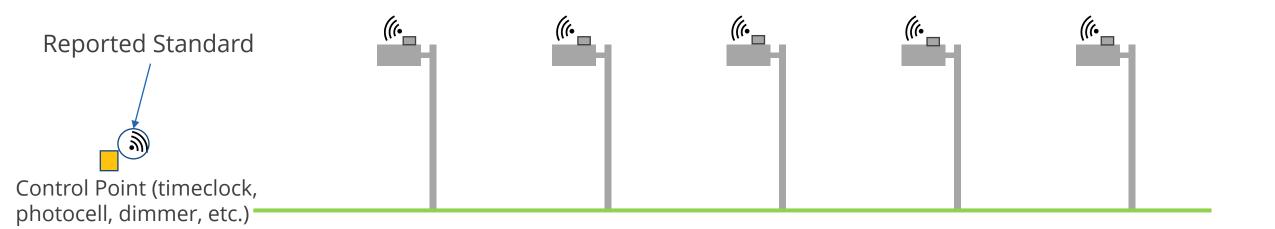
Communication Between Multiple Control Points



Energy · Quality · Controllability³

Communication Between Multiple Control Points

Wireless Control signal – capable of individual addressability of driver/controller





Wired Communication for a Single Control Point is Reported.

From Table 7 of the LUNA Technical Requirements

Metric	LUNA V1 Requirements	
	Continuous dimming capability to ≤20% of maximum output power is required .	
Dimming Capability	Each product is required must support at least one Communication method for dimming (either wired communication for a single control point, or communication	
Wired Communication for a Single Control Point	Wired Communication for a Single Control Point is reported.	
Integral Controls	Capability for integral controls is reported .	

Wired, Analog

0-10V IEC 60929 Annex E

0-10V ANSI C137.1-2019 (8-Volt)

0-10V ANSI C137.1-2019 (9-Volt)

Forward Phase NEMA SSL 7A-2015 (R2021)

Wired, Digital

DALI

DALI 2

D4i

DMX512

Other



Communication Between Multiple Control Points is Reported

From Table 9 of the LUNA Technical Requirements

Metric	LUNA V1 Requirements	
	Continuous dimming capability to ≤20% of maximum output power is required .	
Dimming Capability	Each product is required must support at least one Communication method for dimming (either wired communication for a single control point, or communication between multiple controls points)	
Wired Communication for a Single Control Point	Wired Communication for a Single Control Point is reported.	
Integral Controls	Capability for integral controls is reported .	
Communication Between Multiple Control Points (Wired or Wireless)	The communication standard protocol is reported .	

Table 9: Communication Between Multiple Control Points (reported capability)

Physical Medium	Standard Protocol	tocol Acceptable Terms or Conditions	
	DALI	DALI, "Registered" at https://www.dali-alliance.org/products	
Wired	DALI2	DALI2, DALI-2, "Certified product" at https://www.dali-alliance.org/products	
Wiled	DMX512	DMX512	
	BACnet	BACnet	
	LONworks	LONworks	
	Modbus	Modbus	
	Other (describe)		
	Bluetooth Mesh		
	BLE MDP v2	Bluetooth SIG mesh version 2, BLE SIG mesh v2	
	BLE SIG Mesh v1.x	Bluetooth SIG mesh version 1, BLE SIG mesh v1	
	BLE Proprietary	Bluetooth mesh, BLE mesh, Product listing at https://launchstudio.bluetooth.com/Listings/Search	
	Cellular		
	• 4G	4G, IMT-2000, LTE Advanced, IEEE 802.16m	
Wireless	• 5G	5G, 3GPP 5G NR, IMT-2020	
	EnOcean	EnOcean, Product listing at https://www.enocean-alliance.org/products/	
	<u>Wi-Fi</u>	Wi-Fi, WiFi, IEEE 802.11, Wi-Fi Certified, Product listing at https://www.wi-fi.org/product-finder	
	Zigbee Certified Product	Zigbee Certified Product, Product listing as "Zigbee Certified Product" at https://zigbeealliance.org/product_type/certified_product/	
	Zigbee 3.0	Zigbee 3.0	
	Zigbee Proprietary	Zigbee	
	Other (describe)		

Control **Filters**



FIND PRODUCTS ABOUT US OUR WORK

Manufacturer: GE Current, a Daintree company

Brand: GE Lighting Evolve

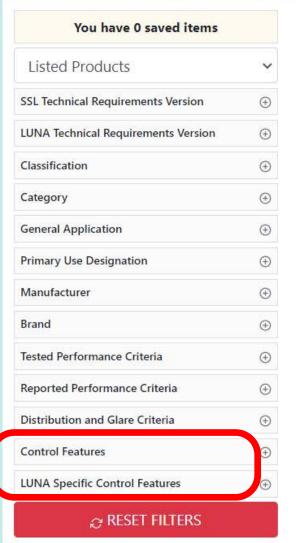
RESOURCES NEWS & EVENTS JOIN US



Primary Use: Architectural Flood and Spot Luminaires

Product ID: P7C0PKL7

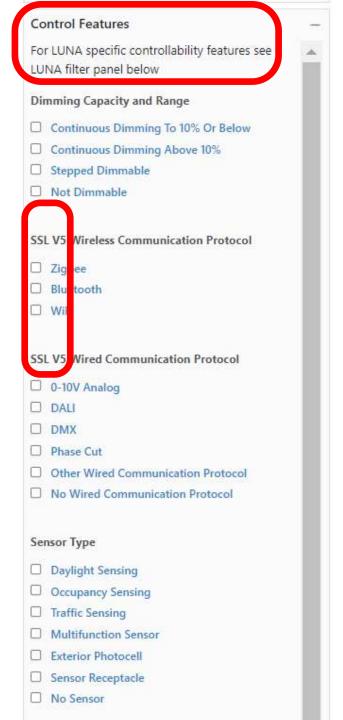
DLC Qualified Product Lists > Solid State Lighting



Search by model, manufacturer, brand, product ID, or family ID X Search Tip; For an exact search, use quotes around the search term (ex, "PVO5LXDK"), View additional search tips Prev 1 2 3 4 5 ... 99 100 Next Displaying 1-25 of 10,000+ results Add All Results to My List Showing top 2,500 returned results. Grey shaded rows indicate parent products, which include tested data, EFH1-02-[0,1,2,3,4,5,D,E]-30-66-7-30-X-X-XXXX-XXXXXX □ Add to my list [Excluding V1 Option] Manufacturer: GE Current, a Daintree company Primary Use: Architectural Flood and Spot Luminaires Brand: GE Lighting Evolve Product ID: PIZSE0T2 EFH1-02-[0,1,2,3,4,5,D,E]-55-66-7-27-X-X-XXXX-XXXXX □ Add to my list [Excluding V1 Option] Manufacturer: GE Current, a Daintree company Primary Use: Architectural Flood and Spot Luminaires Brand: GE Lighting Evolve Product ID: PW13JJ1J EFH1-02-[0,1,2,3,4,5,D,E]-35-65-7-50-X-X-XXXXX-XXXXXX □ Add to my list [Excluding V1 Option] Manufacturer: GE Current, a Daintree company Primary Use: Architectural Flood and Spot Luminaires Brand: GE Lighting Evolve Product ID: PYSX8W3T EFH1-02-[0,1,2,3,4,5,D,E]-55-76-7-30-X-X-XXXX-XXXXXX □ Add to my list [Excluding V1 Option]



Existing Control Filters in SSL V5.1



(Continued from previous column)

111	NA Specific Control Features	(
700		~
	Doesn't Have Integral Controls	
	Available With Integral Controls	
Int	egral Controls	
	Not Color-Tunable	
	Warm-Dimming	
	White-Tunable	
Co	lor-Tunable	
	Not Field Adjustable	
	Field Adjustable Light Output	
	Field Adjustable Light Distribution	
Fie	ld-Adjustable	
	Integral Control Capability	
	TITC	
	High End Trim	
	Networked Replacement Lamp	
	Energy Monitoring	



New LUNA Specific Control Filters

From LUNA Technical Requirements Table 7

From LUNA Technical Requirements Table 8

LUNA Specific Control Features For V5.1 control options please see the control features panel above Minimum Dimming Level % 0 - 20 Wired Communication for a Single Control Point, e.g. a circuit of luminaires all at one dim level Analog - 0-10V IEC 60929 Annex E Analog - 0-10V ANSI C137.1 (8V) ☐ Analog - 0-10V ANSI C137.1 (9V) Analog - Fwd Phase NEMA SSL 7A ☐ Digital - DALI ☐ Digital - DALI-2 ☐ Digital - D4i ☐ Digital - DMX512 □ Other Integral Controls Receptacle Standard ■ NEMA (ANSI C136.41) 5-Pin ■ NEMA (ANSI C136.41) 7-Pin ☐ Zhaga Book 18 (ANSI C136.58) ☐ Other Additional LUNA Integral Control Capabilities ☐ Part Night Dim Photocontrol With Self-Calibrating Astronomic Time Clock ☐ Low-End Trim For Vacancy Mode

From LUNA

Technical

Requirements

Table 9

(Continued from previous column)

Wireless Communication Between Multiple Control Points, e.g. Between Luminaires	
☐ Bluetooth Mesh: BLE MDP V2	
☐ Bluetooth Mesh: BLE Sig Mesh V1	
☐ Bluetooth Mesh: BLE Proprietary	
☐ Cellular: 4G	
☐ Cellular: 5G	
☐ En-Ocean	
☐ Wi-Fi	
☐ Zigbee Certified Product	
☐ Zigbee 3.0	
☐ Zigbee Proprietary	
☐ Other	
Wired Communication Between Multiple Control Points, e.g. Between Luminaires	
□ DALI	
□ DALI-2	
☐ DMX512	
BACnet	
☐ LONworks	
Modbus	
☐ Other	-

RESET FILTERS



How New LUNA Capabilities Appear on the SSL Qualified Products List

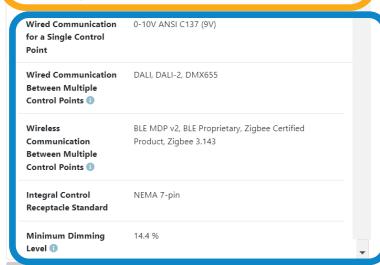
PRODUCT INFORMATION	
PRODUCT CATEGORIZATION	VIEW DETAILS
PRODUCT CAPABILITIES	VIEW DETAILS
REPORTED PHOTOMETRIC PERFORMANCE	VIEW DETAILS
REPORTED ELECTRICAL PERFORMANCE	VIEW DETAILS
TESTED PHOTOMETRIC PERFORMANCE	VIEW DETAILS
TESTED ELECTRICAL PERFORMANCE	VIEW DETAILS
PHOTOMETRIC IMAGES AND FILES	VIEW DETAILS
VERSION HISTORY	VIEW DETAILS



PRODUCT CATEGORIZATION VIEW DETAILS

PRODUCT CAPABILITIES

Integral Controls ①	Yes
Dimming Capability and Range 📵	Continuous Dimming above 10%
Integral Control Capabili	ity No Control Capability
Sensor Type 1	Exterior Photocell, Sensor Receptacle, Occupancy Sensing
SSL V5 Wired Communication Protoco	0-10V Analog,DALI I
SSL V5 Wireless Communication Protoco	No Wireless Protocol
Field Adjustable Light Output	No
White-Tunable 🕕	Yes
Warm-Dimming 🕕	Yes
Field Adjustable Light Distribution ①	No





Existing SSL Control Capabilities

> Field Adjustable Distribution Type

New LUNA Control Capabilities

How New LUNA Capabilities Appear on the SSL Qualified Products List



Wired Communication 0-10V ANSI C137 (9V) for a Single Control Point Wired Communication DALI-2 Between Multiple Control Points (1) Wireless BLE MDP v2, BLE Proprietary, Zigbee Certified Communication Product, Between Multiple Control Points (1) Integral Control NEMA 7-pin Receptacle Standard **Minimum Dimming** 14.4 % Level 🕕

New LUNA Control Capabilities



How to Find Luna Products

QPL and **Downloads**



The DLC Qualified Products Lists are the largest verified lists of high performing and energy saving LED lighting solutions in the world. Qualified products undergo thorough vetting and review by DLC experts to ensure they meet our rigorous energy and quality requirements. Choose between solid-state lighting products, horticultural lighting products, or networked lighting controls systems below to begin your search for energy efficient lighting solutions.





Horticultural Lighting

Browse the greenest horticultural lighting fixtures on the market to capture energy and cost savings for your facility.

Browse Qualified Products



Networked Lighting Controls

Find out what networked lighting controls can do for your facility while saving up to 50% more energy than LED lighting alone.

Browse Qualified Products

Downloads

DLC Qualified Product Lists are updated daily and made available to paid subscribers using the following links:

QPL

Solid State Lighting & LUNA

Downloadable Files

- SSL Full QPL csv
- SSL New Listings (Last 30 Days) csv
- SSL Delisted (Last 30 Days) csv

SSL Downloads
will include SSL
and LUNA
properties



New LUNA Filter Panels

Filter for LUNA products

You have 0 saved items Save Search Criteria View Saved Searches Listed Products SSL Technical Requirements Version □ 5.1 ☐ 5.0 LUNA Technical Requirements Version 1.0 Classification 0 0 Category General Application \oplus Primary Use Designation 0 Manufacturer 1 Brand 0 Tested Performance Criteria 0 Reported Performance Criteria **(** Distribution and Glare Criteria **(** Control Features 0 **LUNA Specific Control Features** 0 RESET FILTERS

DLC Qualified Product Lists > Solid State Lighting

Search by model, manufacturer, brand, product ID, or family ID Search Tip: For an exact search, use quotes around the search term (ex. "PVO5LXDK"). View additional search tips Prev 1 2 3 4 5 6 7 Next Displaying 1-25 of 173 results Add All Results to My List Grey shaded rows indicate parent products, which include tested data. Add to my list AAF SSL 20220329 133 Manufacturer: DLC Primary Use: Outdoor Full-Cutoff Wall-Mounted Area Brand: Feldman Flux Luminaires Product ID: S-PMKBZC AAF SSL 20220329 159 Add to my list Manufacturer: DLC Primary Use: Fuel Pump Canopy Luminaires Brand: Feldman Flux Product ID: S-TYL04A Add to my list AAF SSL 20220329 21 Manufacturer: DLC Primary Use: Fuel Pump Canopy Luminaires Brand: Feldman Flux Product ID: S-307610 Add to my list AAF SSL 20220329 53 Manufacturer: DLC Primary Use: Outdoor Pole/Arm-Mounted Area and Brand: Feldman Flux Roadway Luminaires Product ID: S-9DVY4A AAF SSL 20220329 15 Add to my list Manufacturer: DLC Primary Use: Fuel Pump Canopy Luminaires Brand: Feldman Flux Product ID: S-2MB07Y AAF SSL 20220329 05 Add to my list Manufacturer: DLC Primary Use: Outdoor Pole/Arm-Mounted Area and Brand: Feldman Flux Roadway Luminaires Product ID: S-12S9OV

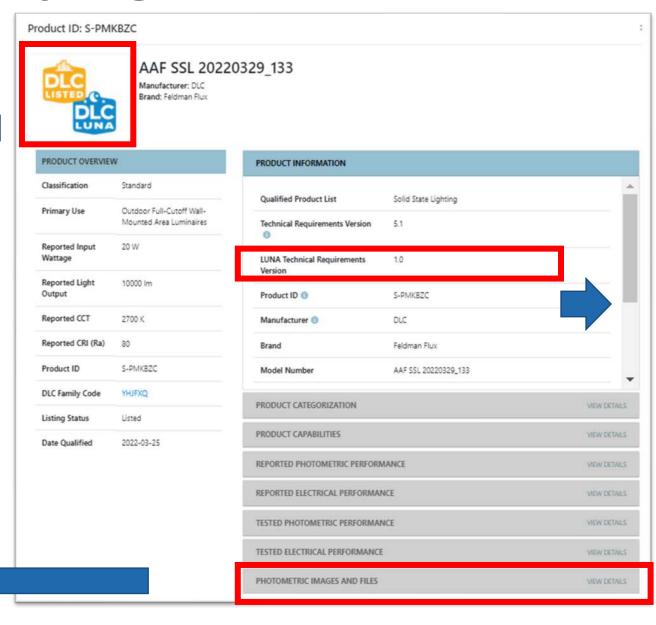
Filter for LUNA controls



New Product Display Page

New LUNA Logo for Standard and Premium





LUNA Technical Req

New LUNA Images



LUNA Photometric Files & Images

For PARENT products



Downloadable SPDX File (TM-27)
Please ensure to remove confidential information

Images generated on myDLC portal by submitters on website and uploaded to portal during submission

Click on Images to Enlarge

For CHILD products







Review Timeframes

- LUNA reviews will have a longer processing time than Non LUNA
- LUNA reviews will have 5 business days added to review time

Application Type	Application Version	Initial Review	Comprehensive Review
Level 1 (formerly Single Product)	V5.1	9 Business Days	7 Business Days
Level 1 (formerly Single Product)	LUNA	14 Business Days	12 Business Days
Level 2 (formerly Family Grouping)	V5.1	9 Business Days	10 Business Days
Level 2 (formerly Family Grouping)	LUNA	14 Business Days	15 Business Days
Private Label	V5.1		12 Business Days**
Product Updates*	V5.1	9 Business Days	10 Business Days



Application Fees

- For LUNA applications, in addition to the Single Product Application (LEVEL 1) fee:
 - \$375 for each additional independent test report (ITR) included in the LUNA application
 - \$50 for each product qualified as LUNA
- For Family Grouping (LEVEL 2) LUNA applications,
 - \$375 for each additional independent test report (ITR) included in the LUNA application
 - \$50 for each product qualified as LUNA
- For PL LUNA applications,
 - **\$325** for each Single Product Application (Level 1) fee or independent test report (ITR) included in the original application. Note that driver ISTMT reviews charged for the Premium classification count as an ITR.
 - \$30 for each additional family member in the product group.
 - \$50 for each product qualified as LUNA.

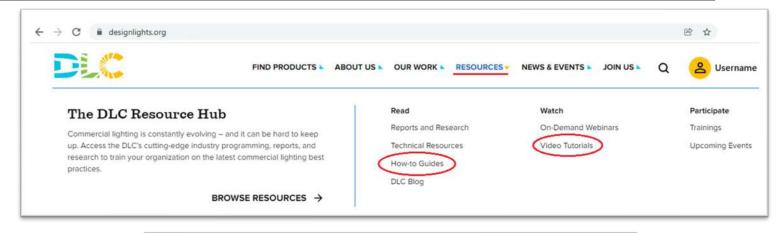


Resources Available



Resources Available

- Slides and recorded webinar will be posted on the DLC website www.designlights.org shortly after today's presentation
- Videos to assist with the portal transition will be located in the Resource Hub under How to Guides







Find LUNA Requirements at designlights.org "OUR WORK"





















Addressing Light Pollution Alongside Energy Savings

The DLC's LUNA requirements establish criteria for using the highest quality outdoor lighting at night lighting that minimizes light pollution, provides appropriate visibility for people, and limits negative impacts to the environment. In addition to the benefits that appropriate lighting can provide to our outdoor environment, there are also energy savings to be



Light pollution unnecessarily contributes to climate change.

WHY LUNA? ->





Question and Answer



Webinar Logistics

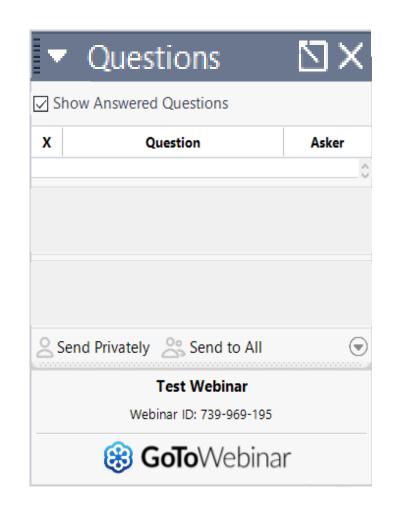
Please enter your questions in the Questions pane in GoToWebinar.

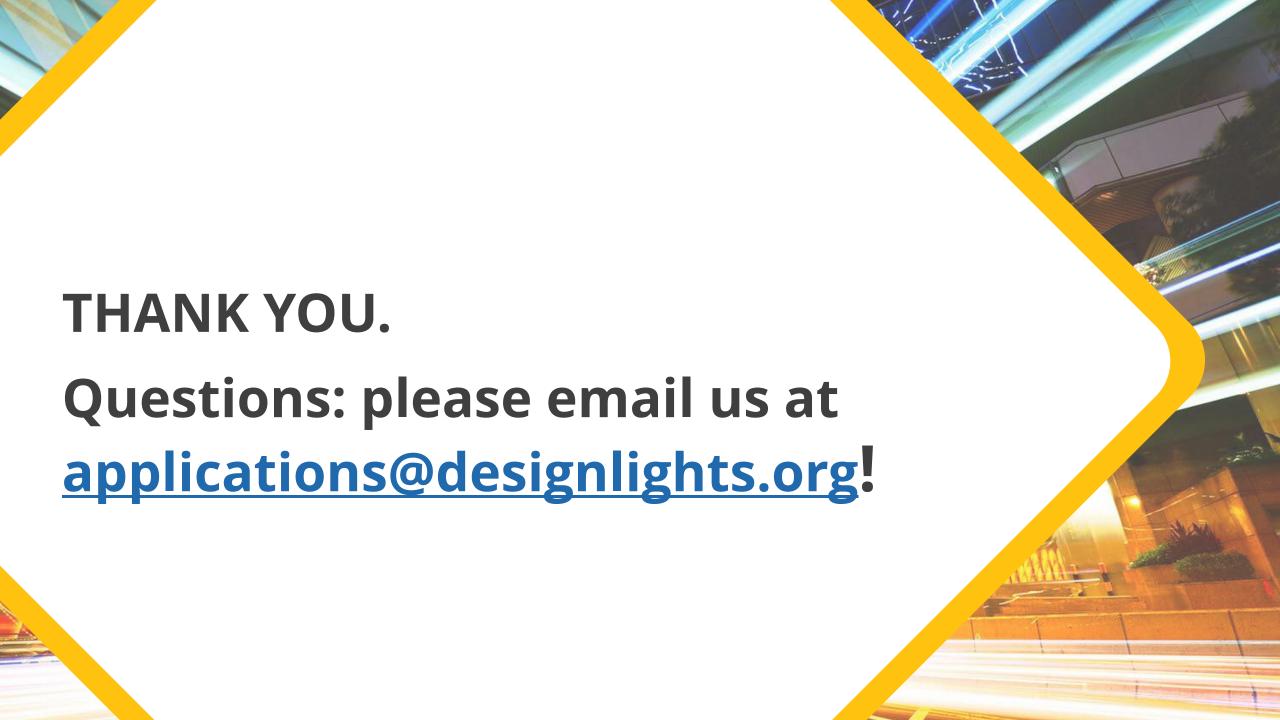
- Some questions answered in the Questions Pane
- Some questions answered aloud (anonymously) at the end during the Q&A session



All attendees are automatically muted

If you experience technical issues, please use the chat pane to let us know







DLC SUMMIT 22

May 24, 2022 • Boston, MA

Aloft Boston Seaport

LIGHTING THE PATH TO A DECARBONIZED FUTURE

KEY TOPICS:

- Driving energy and financial savings in buildings and outdoor environments while reducing environmental impact
- Addressing stakeholder needs and overcoming barriers to adoption
- Applying a systems approach to new versions of the DLC technical requirements

WHEN:

Welcome Reception May 23rd 4-6:00 pm DLC Summit Meeting May 24th 8:30 am-5:00 pm

WHERE:

Aloft Boston Seaport District



Register by May 1st for Early Bird Rate!

Resignlights.org/events/2022-dlc-summitdesignlights.org/events/2022-dlc-summit-



