



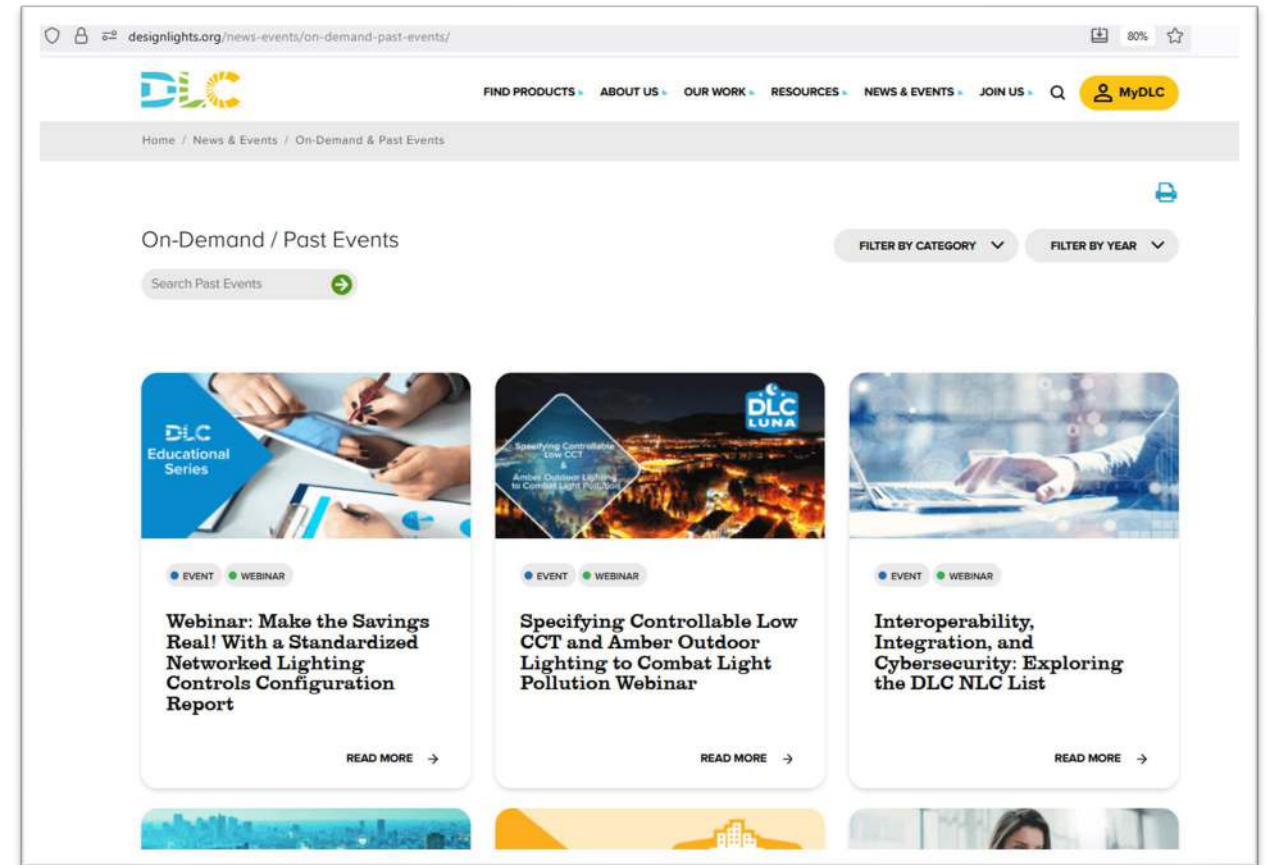
Inside DLC Premium: Benefits for Utilities and Guidance for Manufacturers

June 16, 2026

designlights.org

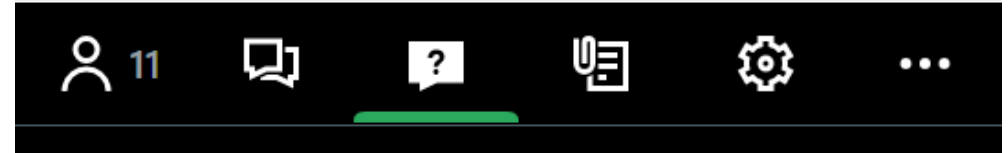
Welcome!

- **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 held until the end during a live Q&A**
 - Use 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.



Presenters



Kasey Holland
Senior Technical Manager



Aaron Feldman
Associate Director of Operations



Andrew Antares
Project Manager of
Technical Development &
Product Integrity



Welcome, Logistics, & General Intro to topic

The Rationale for and Evolution of DLC Premium

Guidance for Qualifying to DLC Premium

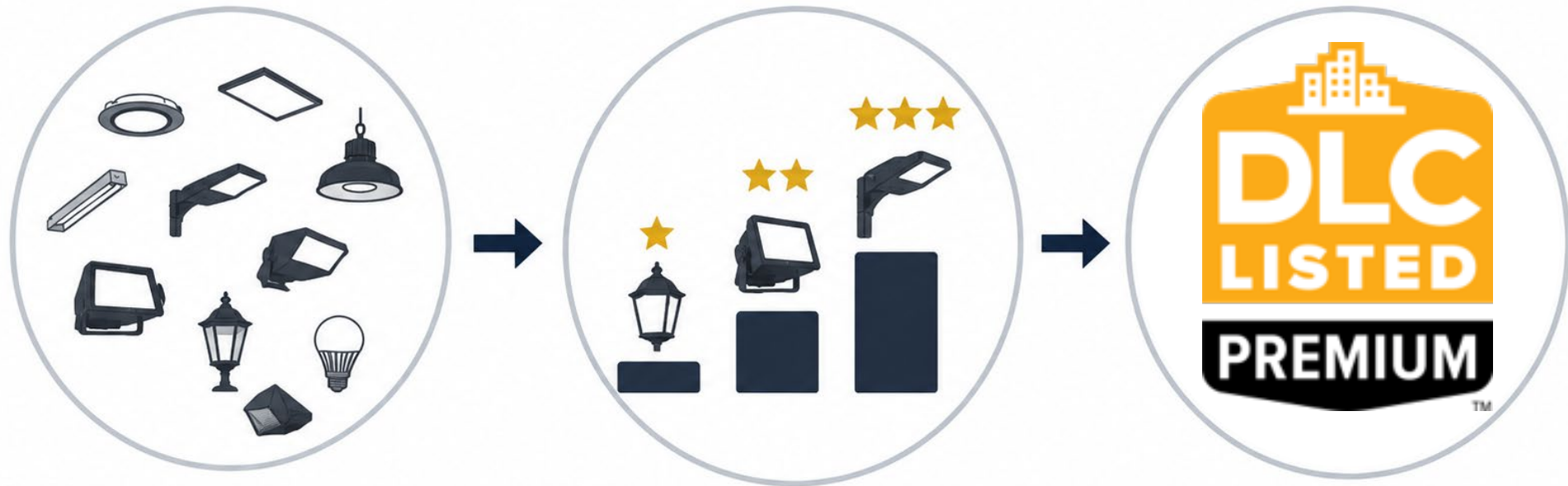
2026 DLC Summit

Questions & Answers

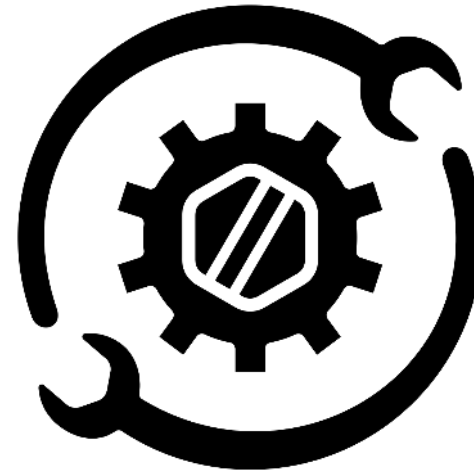
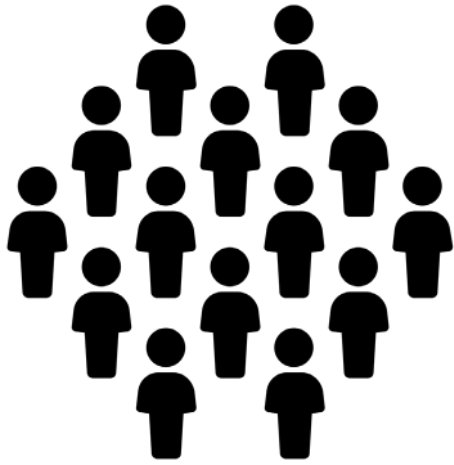


Premium: Rationale and Evolution

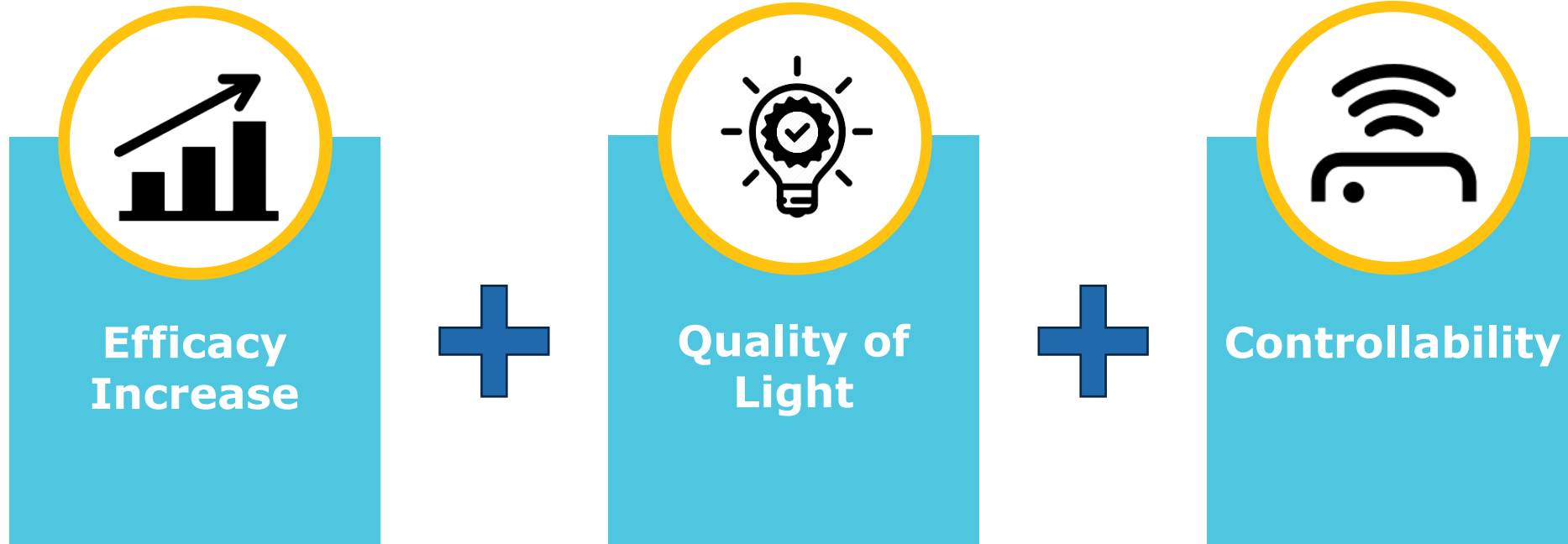
2015-2016 (Version 3.0): Differentiate the Best Performers



2016-2020 (V4.X): Maintain Premium Distinction



2020-2026 (V5.1): Expand Beyond Efficacy



Charting the Path to the Next Generation of Savings



2026 (V6.0): Premium Enables Deeper Savings



CONTROLS READY PRODUCT

CATEGORY 1

PRODUCT WITH NON-DLC LISTED NLC CONTROLLER

CATEGORY 2

PRODUCT WITH INTEGRAL OCCUPANCY OR TRAFFIC SENSOR FUNCTION ONLY

CATEGORY 3A

PRODUCT WITH INTEGRAL DAYLIGHT OR PHOTOCELL SENSOR FUNCTION ONLY

CATEGORY 3B

PRODUCT WITH OCCUPANCY OR TRAFFIC AND DAYLIGHT OR PHOTOCELL INTEGRAL SENSOR

CATEGORY 4A

PRODUCT WITH TRAFFIC OR PHOTOCELL AND/OR PART NIGHT DIM INTEGRAL SENSOR FUNCTIONS

CATEGORY 4B

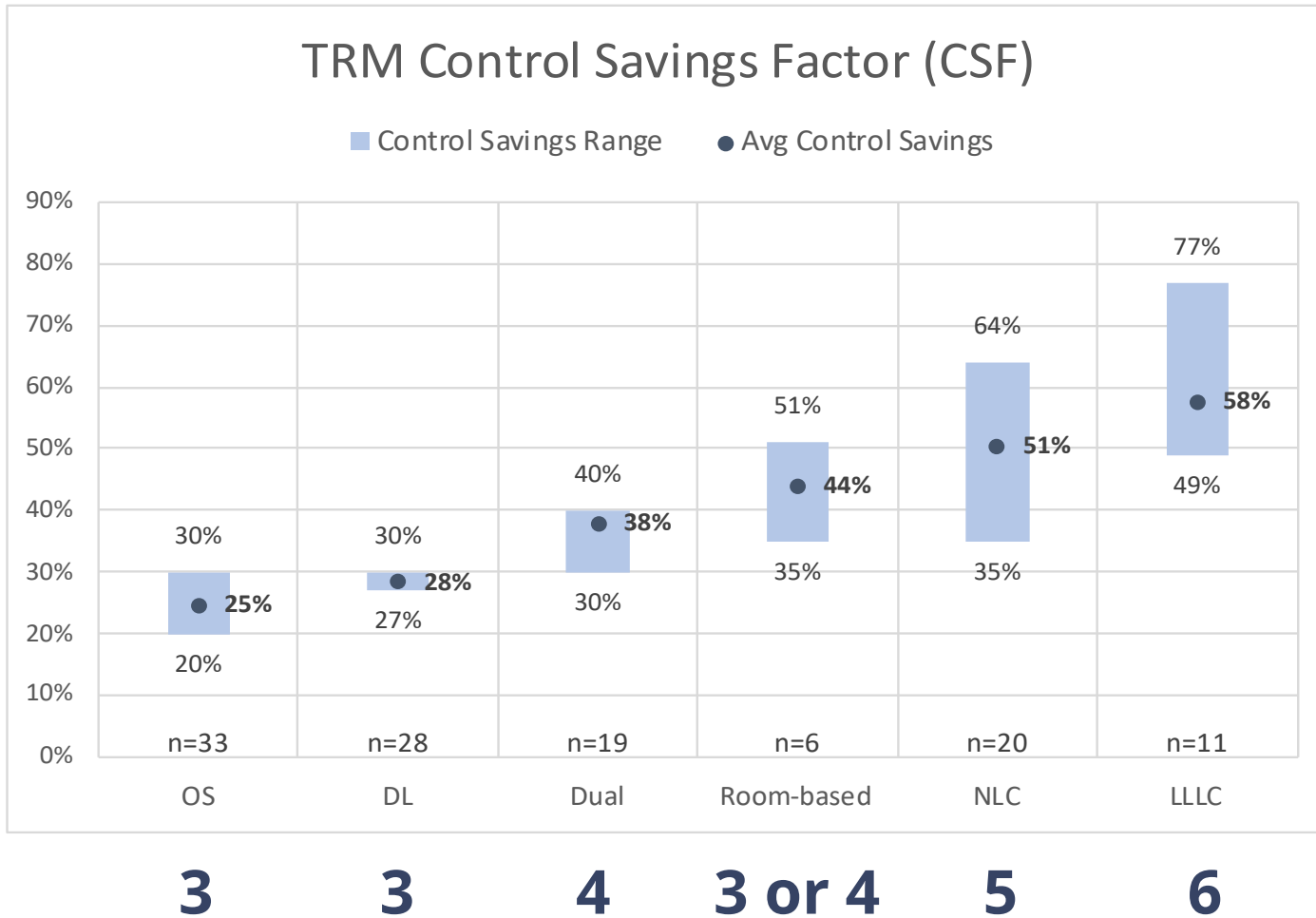
PRODUCT WITH DLC NLC QPL LISTED NETWORKED CONTROLLER

CATEGORY 5

PRODUCT WITH DLC NLC QPL LISTED NETWORKED CONTROLLER AND TWO OR MORE INTEGRAL SENSOR FUNCTIONS (LLC)

CATEGORY 6

2026 (V6.0): Premium Enables Deeper Savings



**Controls Category 1
(Controls Ready)
future proofs
today's installs**

**Controls Category 2
may be able capable
of the NLC CSF, but
isn't validated as it
uses an unknown
lighting control
solution**



Check out other webinars to learn more!



Meeting Sea Turtle Lighting Ordinances with DLC's LUNA Version 2.0 Turtle Lighting Specification
WEDNESDAY, JUNE 3

DLC WEBINAR

● EVENT ● WEBINAR

Meeting Sea Turtle Lighting Ordinances with DLC's LUNA Version 2.0 Turtle Lighting Specification Webinar

READ MORE →

Using Controls Categories to Streamline Lighting Incentive Programs

DLC LISTED DLC LUNA DLC LISTED PREMIUM

● EVENT ● WEBINAR

Using Controls Categories to Streamline Lighting Incentive Programs Webinar

READ MORE →

How Digital Drivers are Changing LED Lighting
THURSDAY, APRIL 23

DLC WEBINAR

● EVENT ● WEBINAR

How Digital Drivers are Changing LED Lighting Webinar

READ MORE →





Premium: Application Guidance

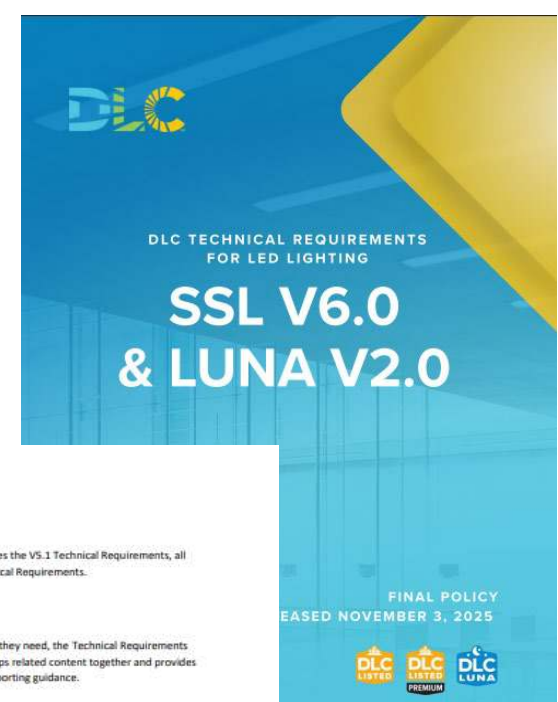
DLC Premium Application Guidance

- Why qualify to Premium?
 - Stand out for enhanced quality, performance and controllability
 - Access to energy efficiency incentives
- Where and what are those requirements?
- How does this affect
 - Model numbers
 - Submission steps
 - Controls documentation
- Common stumbling blocks



DLC SSL V6.0 Premium Requirements

- Dedicated Section for Premium Requirements
- Eligibility
- More stringent or new performance thresholds compared to DLC Standard
- Controllability



About this Document

This version of the DLC Technical Requirements for LED Lighting supersedes the V5.1 Technical Requirements, all standalone SSL Technical Requirement policies, and the LUNA V1.0 Technical Requirements.

How to Navigate this Document

To make it easier for readers to navigate and quickly find the information they need, the Technical Requirements document has been reorganized into clearly defined parts. Each part groups related content together and provides a logical flow from general information to detailed requirements and supporting guidance.

Part I – General Information

Provides background, purpose, and context for the requirements document, including definitions and scope.

Part II – DLC Standard Requirements

Outlines the baseline requirements applicable to all products seeking DLC qualification.

Part III – Requirements for DLC Premium

Details the enhanced performance requirements necessary for products seeking DLC Premium qualification.

Part IV – Requirements for LUNA V2.0

Specifies the requirements unique to the LUNA program.

Part V – Requirements for Specialized Product Types

Provides product-type-specific requirements that supplement Parts II–IV.

Part VI – Minimum Testing and Reporting Requirements and Additional Guidance for Demonstrating Compliance To Parts II – V

Defines the testing and reporting protocols, as well as additional guidance for demonstrating compliance with Parts II–V.

Part III – Requirements for DLC Premium

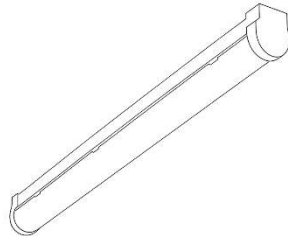
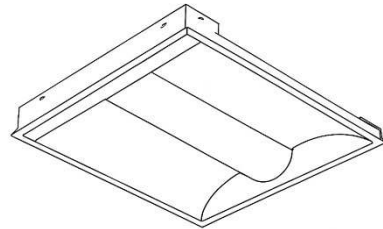
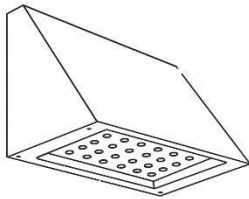
Details the enhanced performance requirements necessary for products seeking DLC Premium qualification.

Left Arrow (Mac) on your keyboard.

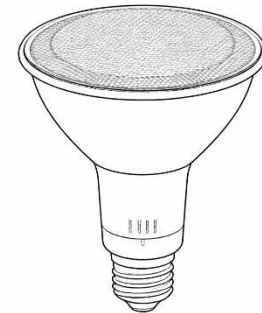
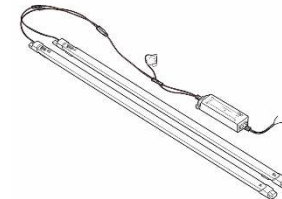
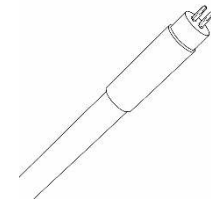
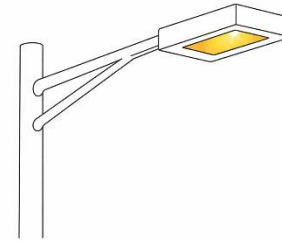


DLC V6.0 Premium Eligibility

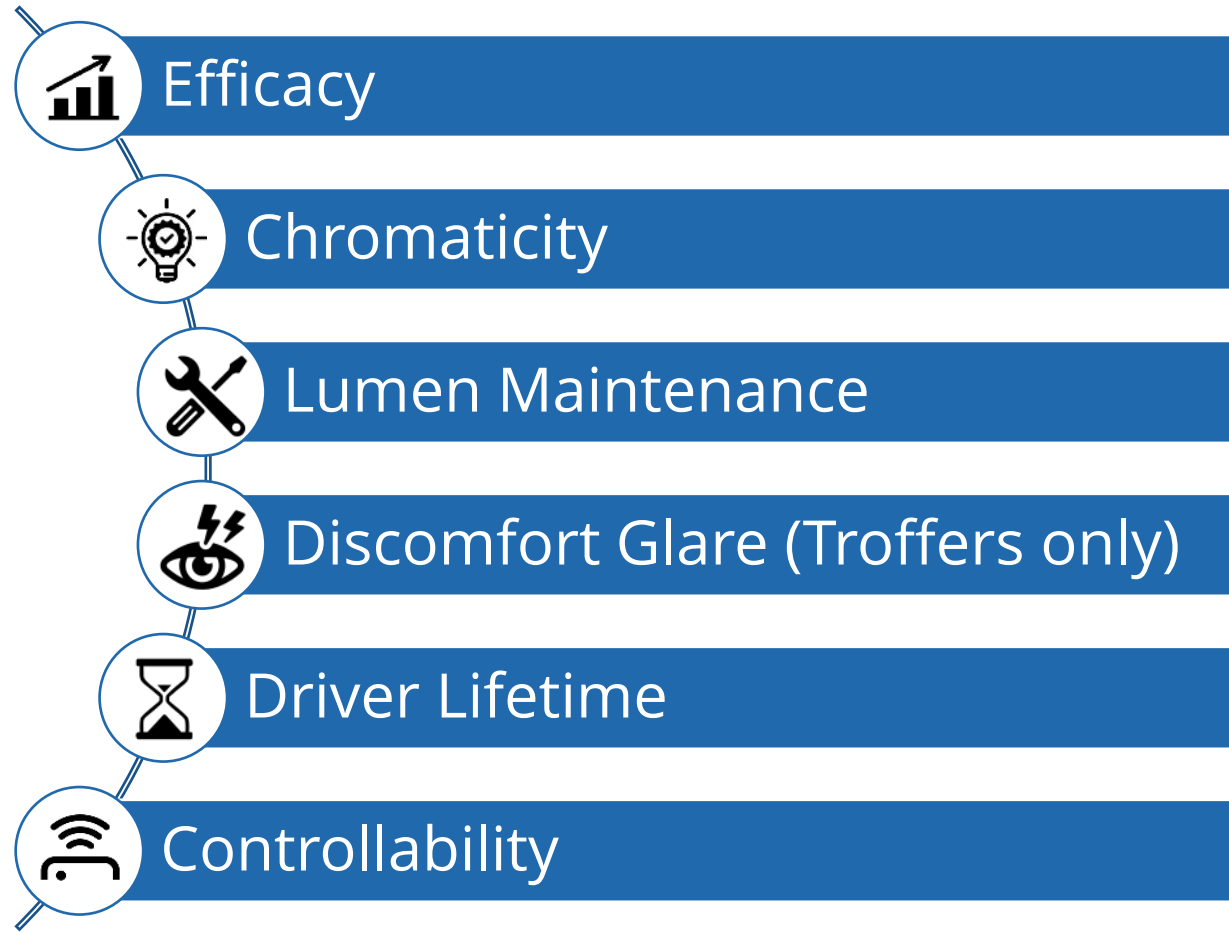
Eligible - Luminaires



Ineligible – Lamps, certain retrofit kits, amber, specialty



More Stringent Performance Metrics



Application Tip

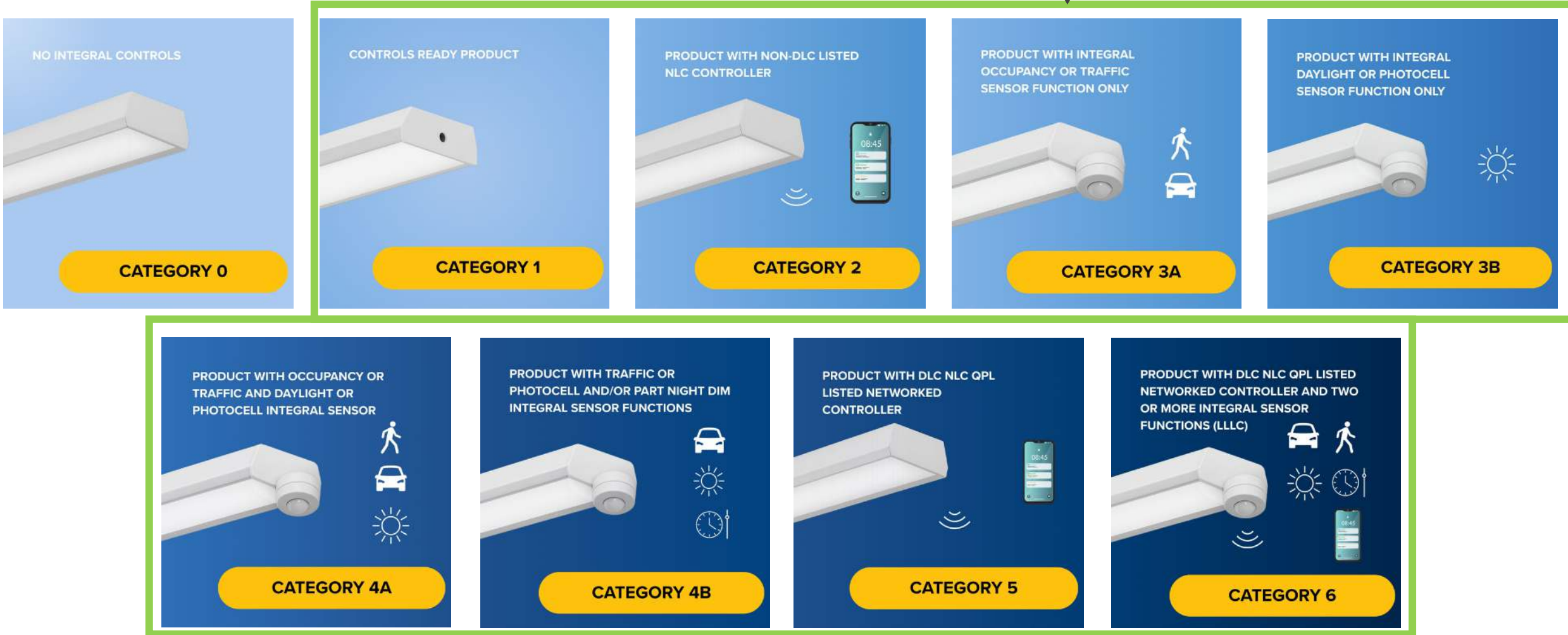
- Premium Products must meet the premium requirements for all options
- V6.0 Implications
 - Create a Standard and separate Premium listing when upgrading



DLC SSL V6.0 Premium Controllability Requirements

Controllability	All products	<ul style="list-style-type: none">• Must be capable of continuous dimming down to 10% of initial output or lower.• Must meet requirements for any controls category excluding Category 0
------------------------	--------------	---

V6.0 Premium Eligible Controls Categories



V6 Controls Submission Overview

- Two Submission Pathways
 - Brand level
 - Family level
- Application Excel Form
- Control options will be assigned a controls category automatically by DLC!
- Only models with controls options codes that meet the premium requirements can be listed as premium

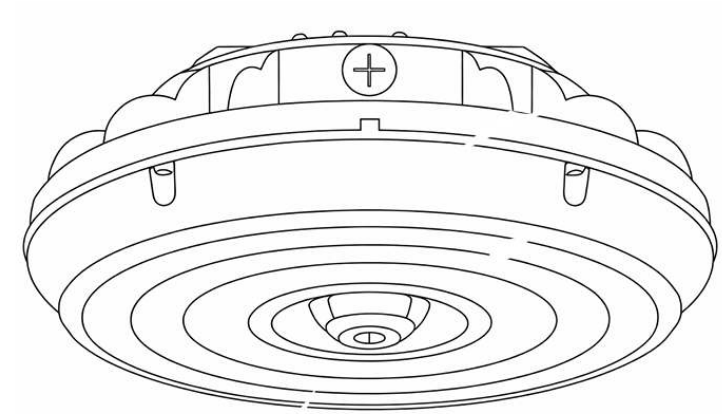
Model Number	Controls Option Codes
RND-[A, B]-3-8-FR	A, B

Controls Option Code	Driver Type	Dimming Capability	Min. Dim Level	Integral Controller or Sensor Type
A	10V (wired)	Continuous	20	Bluetooth NLC (wireless)
B	10V (wired)	Continuous	20	None



Family Example

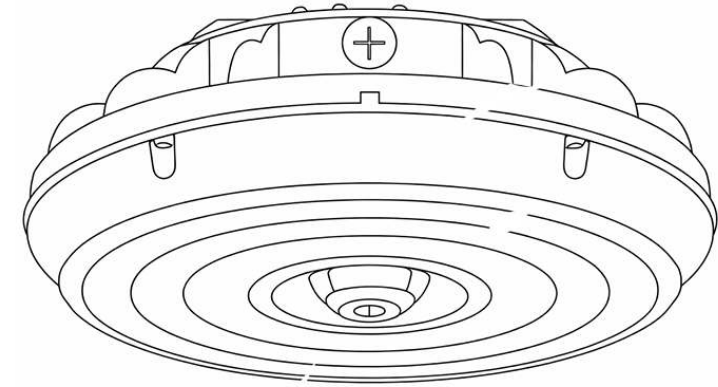
Series	Driver	CCT	CRI	Lens
RND	A – 120V – 277V	3 – 3000K	8 – 80CRI	FR
		4 – 4000K		
		5 – 5000K		



- Round High Bay
- Continuously Dimmable



Family Example - How to submit



Series	Driver	CCT	CRI	Lens
RND	A - 120V - 277V	3 - 3000K	8 - 80CRI	FR
		4 - 4000K		
		5 - 5000K		

Classification <i>(please select from dropdown)</i>	Model Number	Controls Option Codes
Standard	RND-A-3-8-FR	Blank
Standard	RND-A-4-8-FR	Blank
Standard	RND-A-5-8-FR	Blank

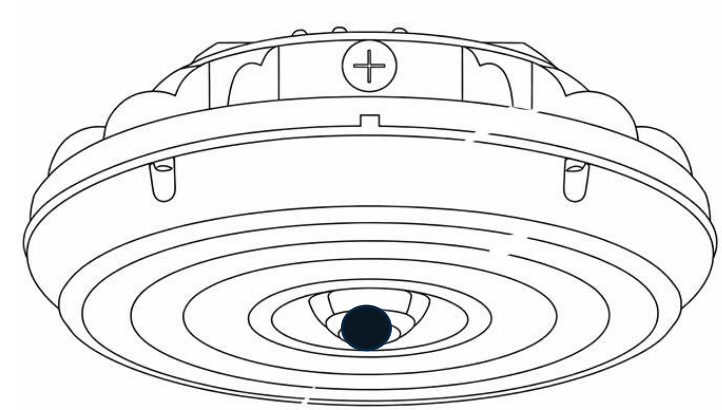
Reported Performance Table Field Adjustable Performance

Controls Option Code	Driver Type	Dimming Capability	Min. Dim L
Blank	10V (wired)	Continuous	

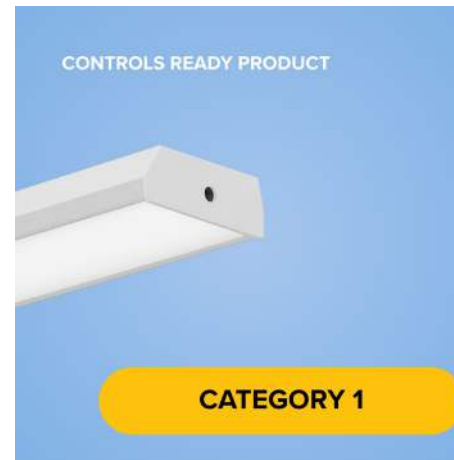
Controls Options Table

Family Example

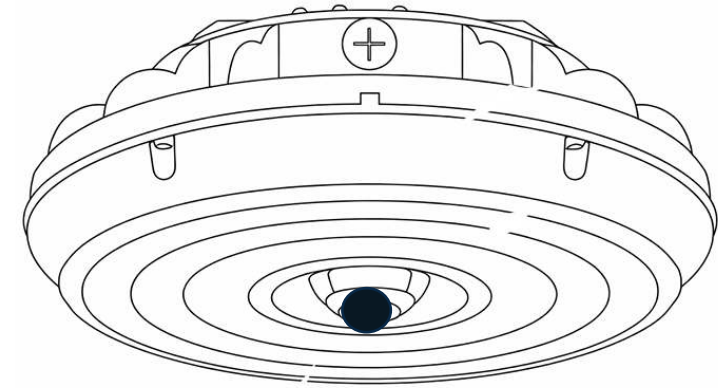
Series	Driver	CCT	CRI	Lens
RND	A – 120V – 277V	3 – 3000K	8 – 80CRI	FR
		4 – 4000K		
		5 – 5000K		



- Continuously Dimmable
- Sensor Port Always
 - Document
 - 3-Pin ineligible



Family Example - How to submit



Series	Driver	CCT	CRI	Lens
RND	A - 120V - 277V	3 - 3000K	8 - 80CRI	FR
		4 - 4000K		
		5 - 5000K		

Classification <i>(please select from dropdown)</i>	Model Number	Controls Option Codes
Premium	RND-A-3-8-FR	Blank
Premium	RND-A-4-8-FR	Blank
Premium	RND-A-5-8-FR	Blank

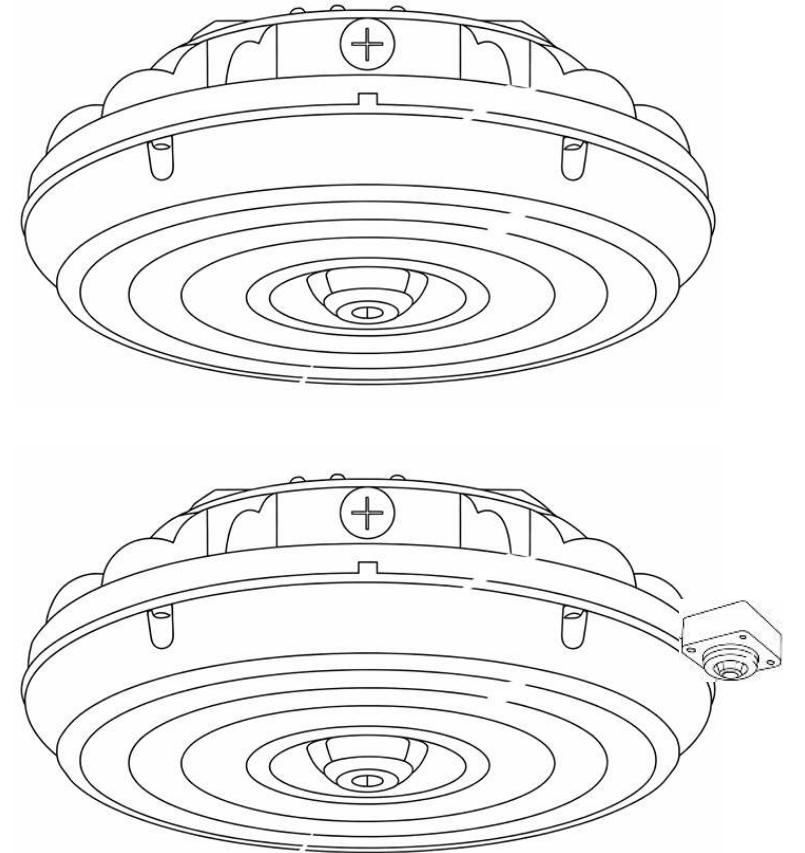
Controls Option Code	Driver Type	Dimming Capability	Top or Side Controls Receptacle Type
Blank	10V (wired)	Continuous	3.5mm Phono Jack

Information Controls Options Table + < >

Family Example

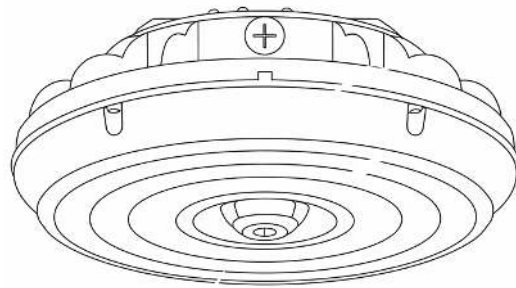
Series	Driver	CCT	CRI	Lens	Controls
RND	A – 120V – 277V	3 – 3000K	8 – 80CRI	FR	[Blank]
		4 – 4000K			Occ
		5 – 5000K			

- Round High Bay
- Continuously Dimmable
- Optional Sensor

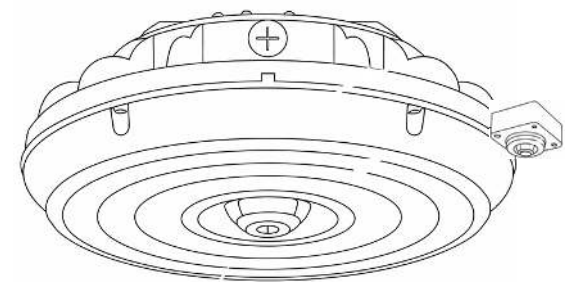


V6.0 Premium Model Number Separation

- RND – A – 3 – 8 – FR
- Standard only



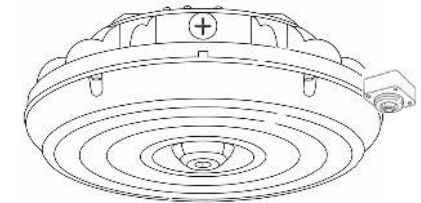
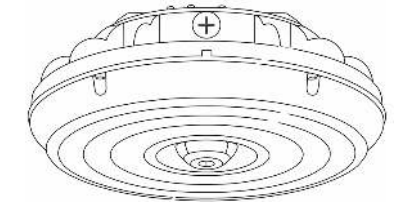
- RND – A – 3 – 8 – FR – **Occ**
- Premium eligible



RND – A – 3 – 8 – FR – **[Blank, Occ]** not eligible for premium

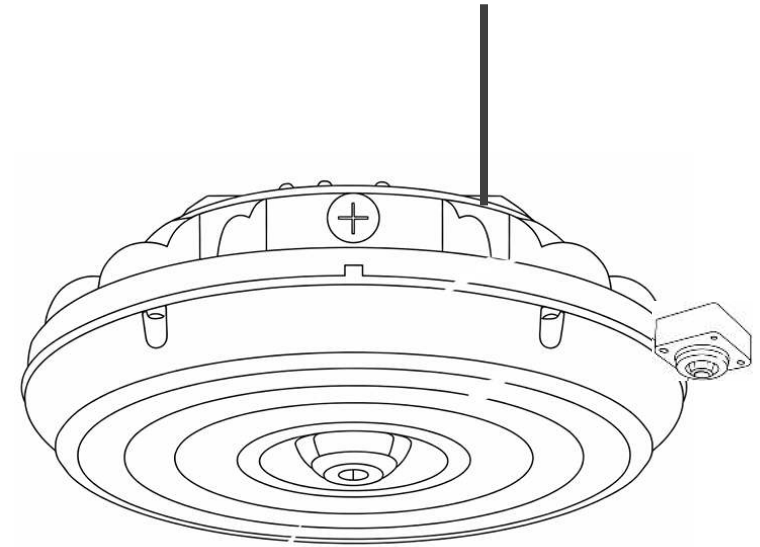
V6.0 Premium Model Number Separation

Classification <i>(please select from dropdown)</i>	Model Number	Controls Option Codes
Standard	RND-A-3-8-FR	Blank
Standard	RND-A-4-8-FR	Blank
Standard	RND-A-5-8-FR	Blank
Premium	RND-A-3-8-FR-Occ	Occ
Premium	RND-A-4-8-FR-Occ	Occ
Premium	RND-A-5-8-FR-Occ	Occ



Controls Option Code	Driver Type	Dimming Capability	Integral Sensor Function
Blank	10V (wired)	Continuous	None
Occ	10V (wired)	Continuous	Occupancy only

Family Example



Series	Driver	CCT	CRI	Lens	Controls
RND	A – 0-10V	3 – 3000K	8 – 80CRI	FR	[Blank]
	B – DALI-2	4 – 4000K			Occ
		5 – 5000K			EasyLite

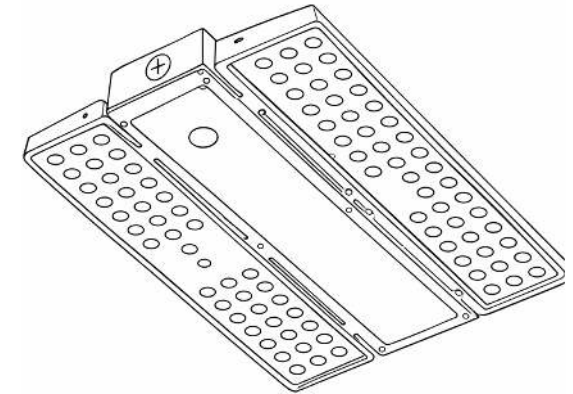
Classification (please select from dropdown)	Model Number	Controls Option Codes
Standard	RND-[A, B]-3-8-FR	A-[3, 4, 5]-8-FR-Blank, B-[3, 4, 5]-8-FR-Blank
Standard	RND-[A, B]-4-8-FR	A-[3, 4, 5]-8-FR-Blank, B-[3, 4, 5]-8-FR-Blank
Standard	RND-[A, B]-5-8-FR	A-[3, 4, 5]-8-FR-Blank, B-[3, 4, 5]-8-FR-Blank
Premium	RND-[A, B]-3-8-FR-[Occ, EasyLite]	A-[3, 4, 5]-8-FR-Occ, B-[3, 4, 5]-8-FR-Occ, A-[3, 4, 5]-8-FR-EasyLite, B-[3, 4, 5]-8-FR-EasyLite
Premium	RND-[A, B]-4-8-FR-[Occ, EasyLite]	A-[3, 4, 5]-8-FR-Occ, B-[3, 4, 5]-8-FR-Occ, A-[3, 4, 5]-8-FR-EasyLite, B-[3, 4, 5]-8-FR-EasyLite
Premium	RND-[A, B]-5-8-FR-[Occ, EasyLite]	A-[3, 4, 5]-8-FR-Occ, B-[3, 4, 5]-8-FR-Occ, A-[3, 4, 5]-8-FR-EasyLite, B-[3, 4, 5]-8-FR-EasyLite

Classification (please select from dropdown)	Model Number	Controls Option Codes
Standard	RND-[A, B]-3-8-FR	A-[3, 4, 5]-8-FR-Blank, B-[3, 4, 5]-8-FR-Blank
Standard	RND-[A, B]-4-8-FR	A-[3, 4, 5]-8-FR-Blank, B-[3, 4, 5]-8-FR-Blank
Standard	RND-[A, B]-5-8-FR	A-[3, 4, 5]-8-FR-Blank, B-[3, 4, 5]-8-FR-Blank
Premium	RND-[A, B]-3-8-FR-[Occ, EasyLite]	A-[3, 4, 5]-8-FR-Occ, B-[3, 4, 5]-8-FR-Occ, A-[3, 4, 5]-8-FR-EasyLite, B-[3, 4, 5]-8-FR-EasyLite
Premium	RND-[A, B]-4-8-FR-[Occ, EasyLite]	A-[3, 4, 5]-8-FR-Occ, B-[3, 4, 5]-8-FR-Occ, A-[3, 4, 5]-8-FR-EasyLite, B-[3, 4, 5]-8-FR-EasyLite
Premium	RND-[A, B]-5-8-FR-[Occ, EasyLite]	A-[3, 4, 5]-8-FR-Occ, B-[3, 4, 5]-8-FR-Occ, A-[3, 4, 5]-8-FR-EasyLite, B-[3, 4, 5]-8-FR-EasyLite

Controls Option Code	Driver Type	Dimming Capability	Integral Sensor Function	NLC Product ID
A-[3, 4, 5]-8-FR-Blank	10V (wired)	Continuous	None	
B-[3, 4, 5]-8-FR-Blank	DALI-2 (wired)	Continuous	None	
A-[3, 4, 5]-8-FR-Occ	10V (wired)	Continuous	Occupancy only	
B-[3, 4, 5]-8-FR-Occ	DALI-2 (wired)	Continuous	Occupancy only	
A-[3, 4, 5]-8-FR-EasyLite	10V (wired)	Continuous	None	N-123456
B-[3, 4, 5]-8-FR-EasyLite	DALI-2 (wired)	Continuous	None	N-123456

Complete Model Numbers

Series	Driver	CCT	CRI	Lens	Controls
LIN	A – 120V – 277V	3 – 3000K	8 – 80CRI	FR	XXX
		4 – 4000K			
		5 – 5000K			



- "XXX" – Could mean any sensor or controller
- Not sufficient for DLC qualification
- Specific characters needs to correlate to specific controls capabilities to publish to the QPL

Where does this information go?

The screenshot shows the DLC website interface. At the top, there is a navigation menu with links: FIND PRODUCTS, ABOUT US, OUR WORK, RESOURCES, NEWS & EVENTS, JOIN US, and a search icon. A user profile for Aaron Feldman is visible with a Log Out button. The breadcrumb trail reads: Home / DLC Qualified Product Lists / Solid State Lighting.

On the left side, there is a sidebar with a 'Model Number' dropdown menu and a 'V6.0 Controls' section. Below this, there is a table of 'CONTROLS OPTION CODE' with rows for M, S1, and S2.

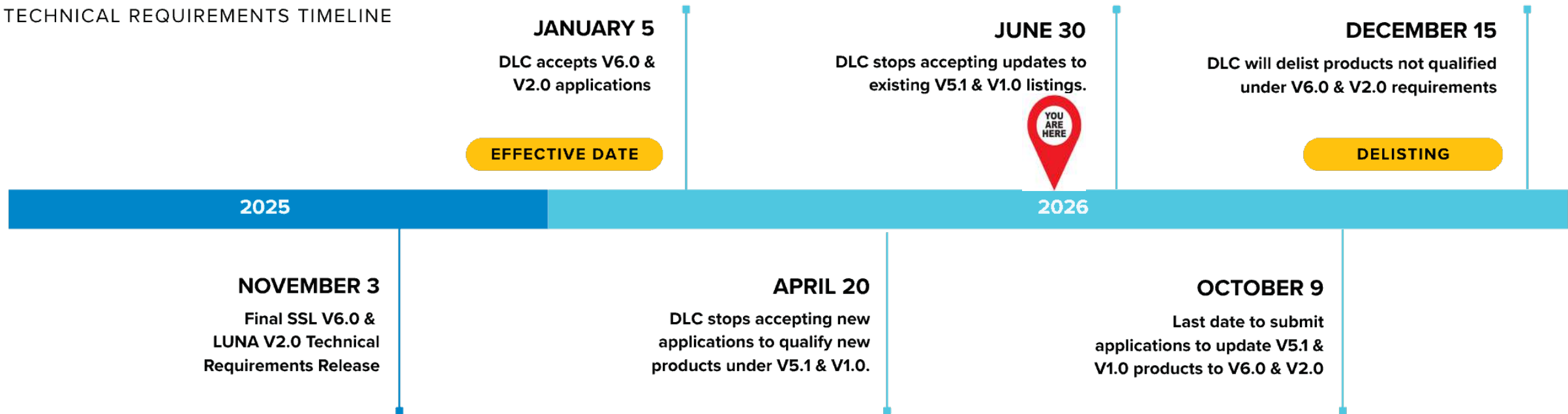
The main content area features a search bar with the text 'Search by model, manufacturer, brand, product ID, or family ID'. Below the search bar, there is a search tip: 'Search Tip: For an exact search, use quotes around the search term (ex. "PVOSLXDK"). For resources on how to search and navigate the QPL, see the DLC's video tutorials.' A yellow banner indicates 'Maximum of 2,500 products displayed. Please use search box and filters to narrow your selection.' The search results show 'Viewing 1-25 of 386,022 results' and a pagination control with buttons for 'Prev', '1', '2', '3', '4', '5', '...', '99', '100', and 'Next'. A note states 'Grey shaded rows indicate parent products, which include tested data.' There is also a 'Sort by: Default' dropdown menu and an 'Add All Results to My List' button.

A banner at the bottom of the search results area reads 'QPL Improvements Coming Soon' with subtext: 'New enhancements will save time and streamline information. This will not affect QPL downloads.' The banner includes logos for DLC LISTED, DLC LUNA, and DLC LISTED PLUS, and a 'Hide this banner' link.

Timeline Details

SSL V6.0 & LUNA V2.0

TECHNICAL REQUIREMENTS TIMELINE



Update Pathways

Simplified!

- Products have not changed since previous qualification, and
- Products demonstrate they meet V6.0 requirements based on existing QPL data

V5.1 Updates, Then Simplified!

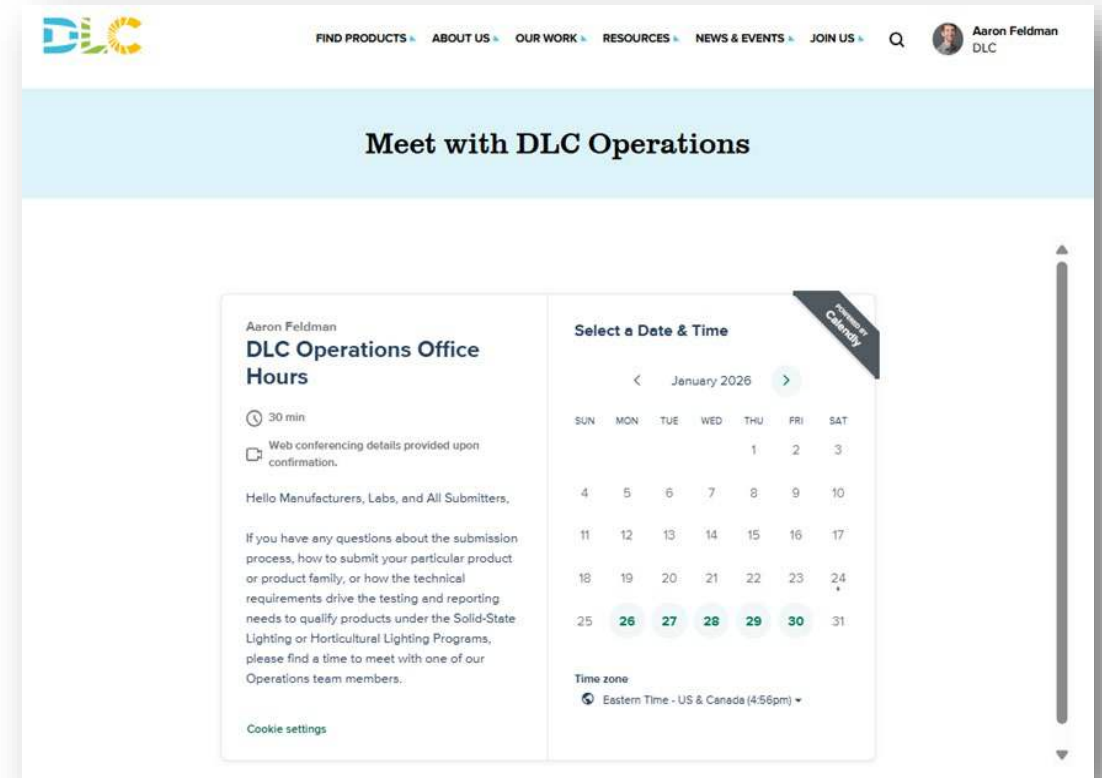
- Products have not changed since previous qualification
- Product data does not currently show compliance with V6.0, but current data is out of date, and could be updated

Conventional Updates

- Products have changed since previous qualification, and/or
- Product data does not meet V6.0 requirements because actual performance is not in line with V6.0 requirements

Additional Resources

- [Manufacturer and Industry Guidance](#)
- [Common Application Issues](#)
- [Open Office Hours](#)
- Applications@designlights.org
- Video Tutorials
 - [Simplified Update Eligibility and Policy](#)
 - [Simplified update submission process](#)
 - And More!





NEXT GEN LIGHTING:

CONTROLS, INTEGRATION, AND THE ENVIRONMENT

OCTOBER 26-27, 2026 | LOS ANGELES, CA

Thank you to our hosts!



Los Angeles
Department of
Water & Power

Summit Venue: California Endowment Center



Stay at the DoubleTree in downtown LA

Why attend the DLC summit?



Day 1: Lighting Programs 201 for Industry Partners



Mid-afternoon meeting centered around:

- understanding EE program challenges
- learning terminology
- getting up to speed on summit themes

Day 1: Tour & Mixer at the La Kretz Innovation Campus



Day 2: Sessions Begin

Morning

Next Gen Lighting Savings:
Scaling Advanced Controls

Next Gen Buildings: Integrating Lighting
and HVAC for Whole Building Savings

Capturing Controls in TRMS for Next Gen Savings

Lighting Controls and Light Pollution: Aligning
Energy Savings and Environmental Responsibility

concurrent

Afternoon

Next Gen Lighting Programs:

Market Realities
&
New Opportunities

working session

Sponsorship Opportunities



Cocktails, coffee, sessions, meals, and more!

Speaking opportunities



Promotion before and during summit





Q&A

Thank you for attending! The webinar will be available online later this week

The screenshot shows the DLC website's navigation bar with the following items: FIND PRODUCTS, ABOUT US, OUR WORK, RESOURCES, NEWS & EVENTS (highlighted with a red box and a blue circle containing the number 1), JOIN US, a search icon, a user profile icon, and a search input field. Below the navigation bar, there are three main content columns. The left column is titled 'LATEST ANNOUNCEMENTS' and features a large banner for 'FINAL RELEASE SSL V6.0 & LUNA V2.0' with three DLC logos (DLC LISTEN, DLC DESIGN, DLC LUNA). Below the banner is the text 'Introducing the DLC Technical Requirements for LED Lighting: SSL V6.0 and LUNA V2.0' and the date 'November 3, 2025'. At the bottom of this column is a link 'See All News'. The middle column is titled 'PERSPECTIVES' and contains two articles. The first article is 'Introducing the DLC Technical Requirements for LED Lighting: SSL V6.0 and LUNA V2.0' dated 'November 3, 2025'. The second article is 'You Spoke, We Listened: How Your Feedback Shaped DLC SSL V6.0 and LUNA V2.0' dated 'October 28, 2025'. Below these articles is a blue button labeled 'GET UPDATES'. The right column is titled 'UPCOMING EVENTS' and features a banner for 'FINAL RELEASE SSL V6.0 & LUNA V2.0'. Below the banner is the text 'Technical Requirements for LED Lighting: SSL V6.0 & LUNA V2.0 Final Webinar' and the date 'November 12, 2025 3:00 pm'. Below this is another article titled '2024 DLC Controls Summit'. At the bottom of this column is a red box containing the text 'On-Demand Webinars / Past Events' and a blue circle containing the number 2.

