



植物灯V2.0 申请流程变动 网络研讨会

8/26/2021

• Date

Webinar Logistics

- 幻灯片和录制的网络研讨会将在不久后发布在 DLC 网站 www.designlights.org 上
 - 所有与会者自动静音
- 如果您遇到技术问题，请使用聊天功能告诉我们



Q&A

- 请将所有问题放在聊天框中，请尽量使用英文提问
- 在演讲结束的问答环节中，我们将向全体听众解释一系列被提问的问题



议程

生产厂商账号

新的申请类别

审核过程更改变动

申请表

测试要求

- HORT Single
- HORT Private Label
- HORT Family

审核时间线

审核费用

QPL

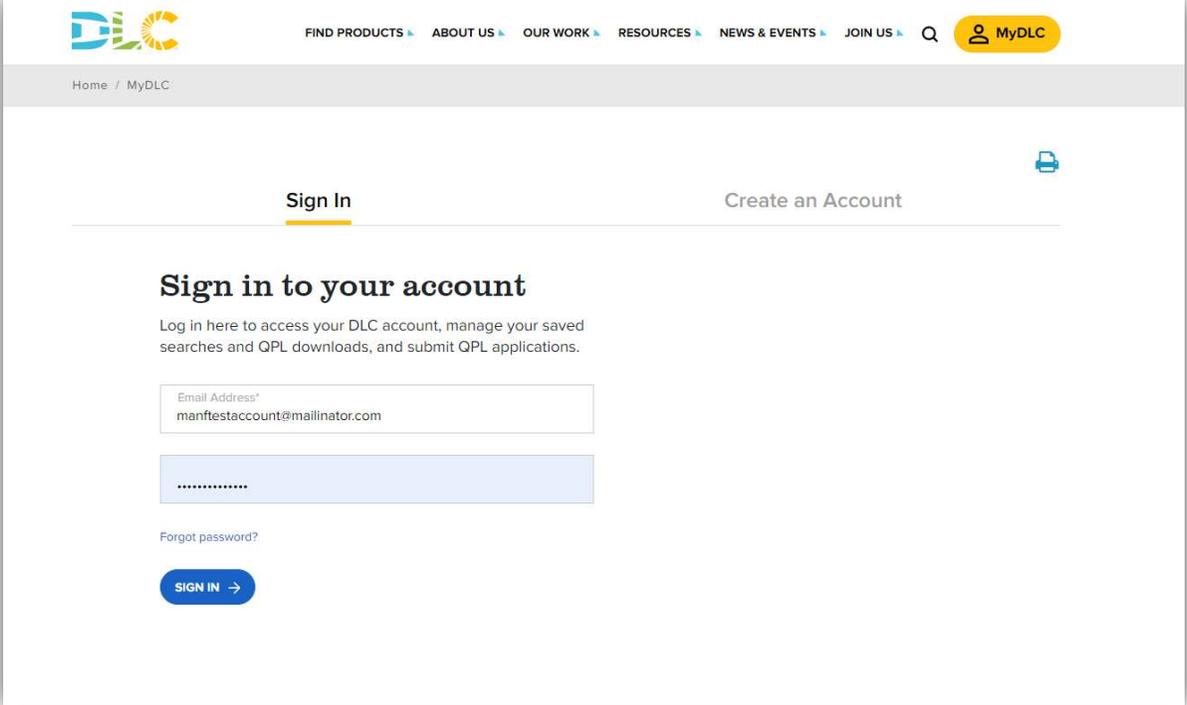
Q&A

生产厂商账号

制造商帐户登录现有帐户

在 MyDLC 主页上，
选择登录以登录
现有帐户

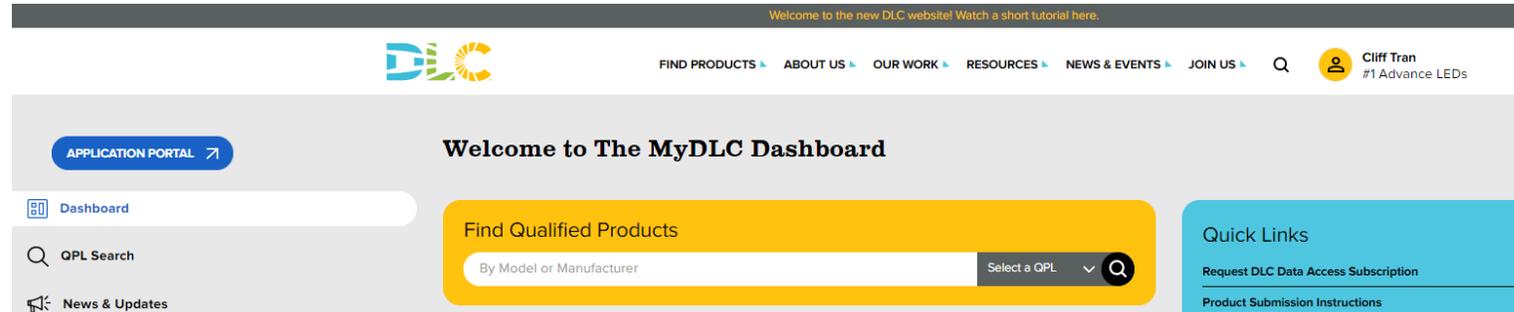
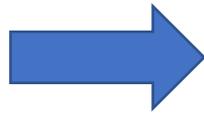
首次登录新站点
时，将提示用户
重置密码



The screenshot shows the MyDLC website's sign-in page. At the top, there is a navigation bar with the DLC logo on the left and links for 'FIND PRODUCTS', 'ABOUT US', 'OUR WORK', 'RESOURCES', 'NEWS & EVENTS', and 'JOIN US' on the right. A search icon and a 'MyDLC' button are also present. Below the navigation bar, the breadcrumb 'Home / MyDLC' is visible. The main content area features two tabs: 'Sign In' (which is active and underlined) and 'Create an Account'. Under the 'Sign In' tab, the heading 'Sign in to your account' is followed by a sub-heading: 'Log in here to access your DLC account, manage your saved searches and QPL downloads, and submit QPL applications.' Below this, there is a form with two input fields: 'Email Address*' containing 'manfestaccount@mailinator.com' and a password field with masked characters. A 'Forgot password?' link is located below the password field. At the bottom of the form is a blue button labeled 'SIGN IN →'.

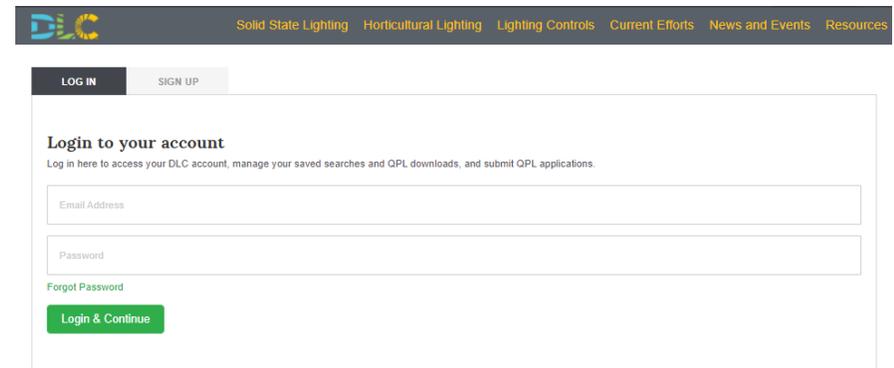
连接到之前的DLC网站

- 登录 MYDLC 后，您将单击申请门户链接以定向到您必须再次登录的申请门户

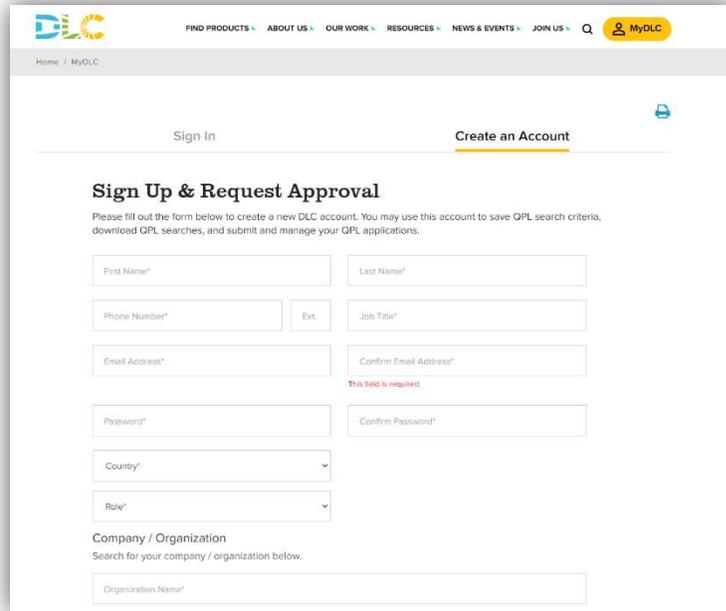


- 来自旧网站的相同登录信息
 - 您在 MYDLC 中使用的登录信息将与申请门户中使用的登录信息不同

申请门户的所有制造商帐户管理功能仍将以其当前形式存在。



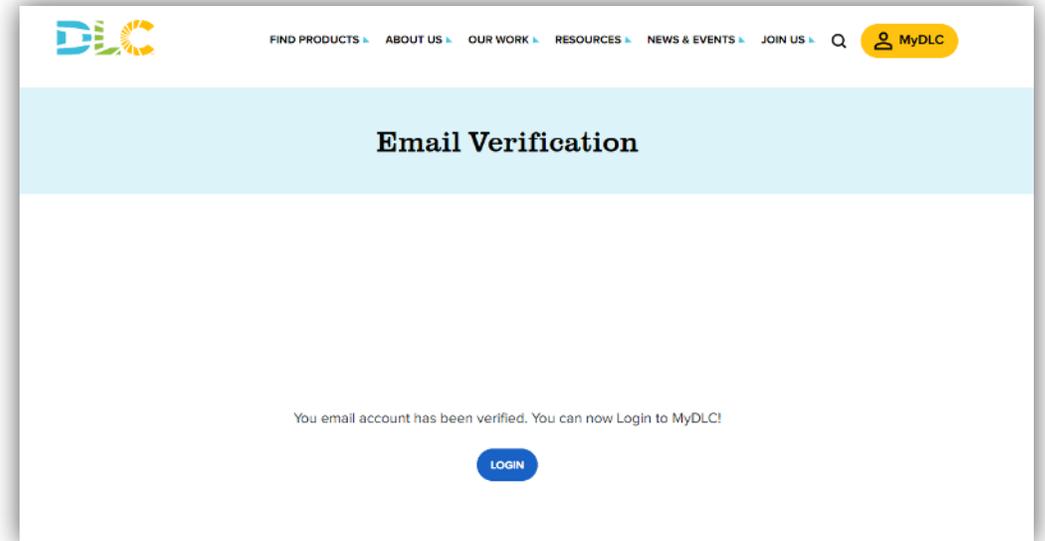
创建制造商帐户



The screenshot shows the 'Sign Up & Request Approval' form on the MyDLC website. The form includes the following fields: First Name*, Last Name*, Phone Number*, Ext., Job Title*, Email Address*, Confirm Email Address* (with a red error message 'This field is required'), Password*, Confirm Password*, Country* (dropdown), Role* (dropdown), and Organization Name* (with a search prompt 'Search for your company / organization below.'). The 'Create an Account' link is highlighted in the top navigation bar.

- 在 MyDLC 主页上，选择“创建帐户”部分以创建新帐户
- 填写所有必填字段，然后选择“创建帐户”

- 用户将收到来自 DLC 的电子邮件以验证电子邮件地址
- 验证电子邮件地址后，用户可以登录 MyDLC



现有公司名单

如果创建新帐户的用户与现有公司相关联，则会提示他们搜索并选择现有公司

现有公司主要联系人将收到一封电子邮件以批准该用户

Company / Organization

Search for your company / organization below.

Organization Name*
Test Company

We've found a few accounts with similar names. If you are an employee of one of these organizations, please select it below.

- **AW Test Company 1**
- **AW Test Company 2**
- **AW Test Company 5**
- **AW Test Company 3**
- **AW Test Company 7**

If your organization isn't listed above, click to [create a new organization](#)

创建新公司

- 如果创建新帐户的用户同时也在创建新公司，系统会提示他们确认新公司名称并填写其他组织详细信息
- 用户将在其主页上收到通知，要求提供其他公司信息以验证公司
- 一旦提交了所有必需的材料并且 DLC 批准了新公司的请求，用户就可以开始提交产品进行资格认证

Before filling out the information below, please be sure to check that your company or organization is not already listed with the DLC by using the company search field above. To search again, hit the "reset" link above. When you fill out your organization's information below and create your account, an organization approval request will be sent to the DLC. You will receive an email confirmation within 1 business day that your organization request has been confirmed or denied. DLC reserves the right to request additional information before confirming your organization request. Once your request has been confirmed, you will be granted access to submit applications as the administrator of your company's MyDLC account. As the organization's administrator, you will be able to have the ability to approve or deny any new DLC accounts created under your company or organization.

Phone Number* Website*

The domain name you entered for your company is invalid. Your domain must start with http:// or https://

Street Address*

Street Address 2

Country* State*

Postal Code* City*

Company Type*

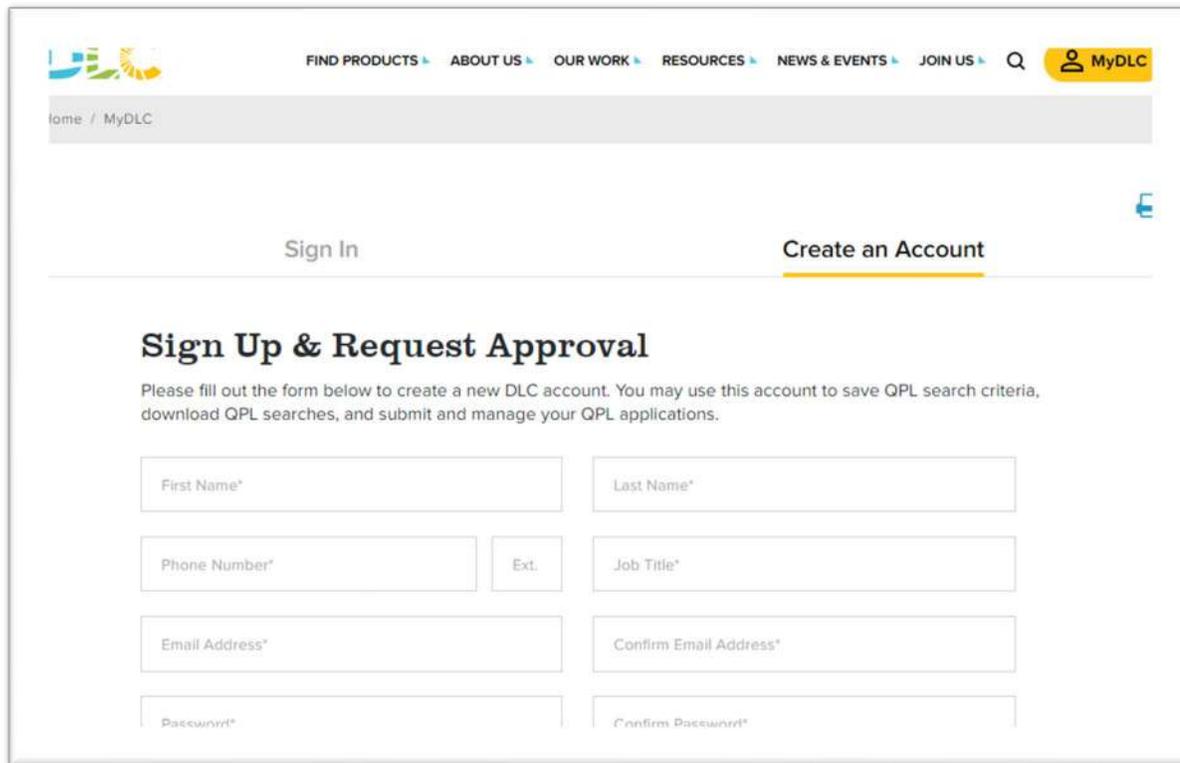
Welcome to The MyDLC Dashboard 1 Notifications. [Click to view](#)

• Your company is pending DLC approval to submit products for qualification. [Click here](#) to verify your company or check the status of your pending approval. ×

批准新的申请提交账户

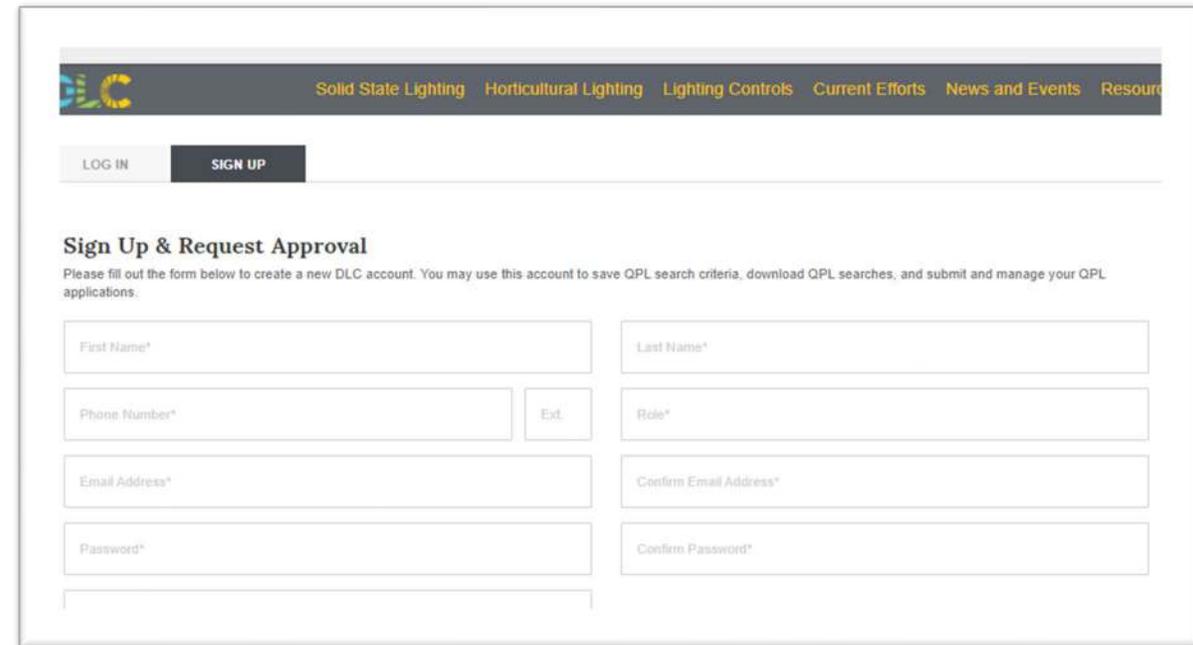
- 对于新的制造帐户，必须先创建并批准新的 MYDLC 帐户，然后才能批准 AMS 中的新帐户

第 1 步：MYDLC 创建帐户并获得批准



The screenshot shows the MYDLC website's sign-up page. At the top, there is a navigation bar with links for 'FIND PRODUCTS', 'ABOUT US', 'OUR WORK', 'RESOURCES', 'NEWS & EVENTS', and 'JOIN US', along with a search icon and a 'MyDLC' user icon. Below the navigation bar, there is a breadcrumb trail 'Home / MyDLC'. The main content area features a 'Sign In' link and a 'Create an Account' link. The 'Create an Account' link is underlined and highlighted. Below this, the heading 'Sign Up & Request Approval' is displayed, followed by a paragraph of instructions: 'Please fill out the form below to create a new DLC account. You may use this account to save QPL search criteria, download QPL searches, and submit and manage your QPL applications.' The form consists of several input fields: 'First Name*', 'Last Name*', 'Phone Number*' (with an 'Ext.' field), 'Job Title*', 'Email Address*', 'Confirm Email Address*', 'Password*', and 'Confirm Password*'. The 'Create an Account' link is underlined and highlighted.

第2步：在应用门户创建帐户，并获得批准后 MYDLC 帐户被批准



The screenshot shows the application portal's sign-up page. At the top, there is a navigation bar with links for 'Solid State Lighting', 'Horticultural Lighting', 'Lighting Controls', 'Current Efforts', 'News and Events', and 'Resources'. Below the navigation bar, there is a 'LOG IN' link and a 'SIGN UP' button. The main content area features the heading 'Sign Up & Request Approval' followed by a paragraph of instructions: 'Please fill out the form below to create a new DLC account. You may use this account to save QPL search criteria, download QPL searches, and submit and manage your QPL applications.' The form consists of several input fields: 'First Name*', 'Last Name*', 'Phone Number*' (with an 'Ext.' field), 'Role*', 'Email Address*', 'Confirm Email Address*', 'Password*', and 'Confirm Password*'. The 'SIGN UP' button is highlighted.



V2.0

新的申请类型

植物灯2.0 申请类别

Family

Single

Update
(Private Label,
Single, Family)

Private Label

植物灯申请更新

新的申请更新

Family Grouping

- Family Grouping 临时解决方案不再有效

Private Label

Update

审核流程变更

- 现在可以提交更新申请
- 现在发Invoice 和产品发布将在不同时间段进行
- 申请形式发生变化
- 需要报告额定数据

所有申请的提交流程变更

- 问题样式格式替换为申请 Excel 表格并上传文件
- 模仿 SSL 申请流程格式

Product Information Section Guide -

This section asks for general product identification information.

#1. Is this a parent product?

If submitting a single product applications, enter a "no" answer to report product as a single product. If submitting a family grouping application, enter a "yes" answer to report the product as a parent product.

No

Post Comment

#2. Reported Performance Table for AMS

(Family Grouping Applications only) Please upload the Reported Performance Table for AMS received from DLC reviewer during initial review phase.

Post Comment

#3. Specification Sheet

Upload the most current version of the product's specification sheet (PDF).

JG_G7_User.pdf - 7/24/21 3:15 AM

Post Comment

#4. Marketing Brochure/Spectral Tuning Documentation (if applicable)

Upload a marketing brochure for the product. This will be used by your reviewer to understand the context of other product performance information, and can help save time in clarifying any questions they may have.

For spectrally tunable product applications (those with varying output channels beyond simple, single-axis dimming of the whole product), upload user-facing documentation narrating the control protocol and input parameters employed in controlled the output.

Post Comment

#5. Brand Name

Enter the name of the brand your product is sold under. This may be your name as a manufacturer, or may be a specific brand name. Please note that this brand name will appear on the QPL.

OLD STYLE

STATUS Not Submitted

MANUFACTURER DLC (view)

SUBMITTER Aaron Feldman

REVIEWER None (change)

Application Documents Reviewer Documents 0 Submit Application

Application Documents 1 / 23

Please Upload The HORT V2.0 Family Application Excel
The HORT V2.0 Application Form can be found here:
All applicable fields in the Application Form tab, Reported Performance Table tab, Spectrally Tunable tab (if applicable), and Components Tab, must be filled out. Omitting information in any of these tabs may delay the application review.

HORT Import Form.xlsx
7/27/21 8:20 AM
Deleted

Choose File No file chosen

Please Upload A Specification Sheet For Each Product Included In Your Application.
You must submit the specification sheet intended for use in the marketplace.
Specification sheets created for DLC submission only are not acceptable. Product specification sheet must clearly detail dimming capabilities if products are capable of dimming. Multiple specification sheets are acceptable if all products are not included in a single document.

Choose File No file chosen

Please Upload A Marketing Brochure For The Product In PDF Format.
Please upload a marketing brochure for the product. This will be used by your reviewer to understand the context of other product performance information, and can help save time in clarifying any questions.

Choose File No file chosen
Add File

Please Upload Installation Instructions.
Required for spectrally tunable product applications (those with varying output channels beyond simple, single-axis dimming of the whole product), including user-facing documentation narrating the control protocol and input parameters employed in controlled the output.

Choose File No file chosen
Add File

Please Upload Warranty Documentation.
Warranty documentation must cover the

NEW STYLE

Family Grouping

- 与单独申请比较：
 - 减少了整体需要的测试报告数量和测试负担
 - 减少了测试费用
- 与SSL项目保持一致

Model	Wattage	Distribution	Spectrum	Voltage	
DLC	100	Distribution A	Spectrum A	120-277, 347, 480	Spectral Sub-Group
DLC	100	Distribution B	Spectrum A	120-277, 347, 480	
DLC	200	Distribution A	Spectrum A	120-277, 347, 480	
DLC	200	Distribution B	Spectrum A	120-277, 347, 480	
DLC	300	Distribution A	Spectrum A	120-277, 347, 480	
DLC	300	Distribution B	Spectrum A	120-277, 347, 480	
DLC	400	Distribution A	Spectrum A	120-277, 347, 480	
DLC	400	Distribution B	Spectrum A	120-277, 347, 480	
DLC	100	Distribution A	Spectrum B	120-277, 347, 480	Spectral Sub-Group
DLC	100	Distribution B	Spectrum B	120-277, 347, 480	
DLC	200	Distribution A	Spectrum B	120-277, 347, 480	
DLC	200	Distribution B	Spectrum B	120-277, 347, 480	
DLC	300	Distribution A	Spectrum B	120-277, 347, 480	
DLC	300	Distribution B	Spectrum B	120-277, 347, 480	
DLC	400	Distribution A	Spectrum B	120-277, 347, 480	
DLC	400	Distribution B	Spectrum B	120-277, 347, 480	
DLC	100	Distribution A	Spectrum C	120-277, 347, 480	Spectral Sub-Group
DLC	100	Distribution B	Spectrum C	120-277, 347, 480	
DLC	200	Distribution A	Spectrum C	120-277, 347, 480	
DLC	200	Distribution B	Spectrum C	120-277, 347, 480	
DLC	300	Distribution A	Spectrum C	120-277, 347, 480	
DLC	300	Distribution B	Spectrum C	120-277, 347, 480	
DLC	400	Distribution A	Spectrum C	120-277, 347, 480	
DLC	400	Distribution B	Spectrum C	120-277, 347, 480	
DLC	100	Distribution A	Spectrum D	120-277, 347, 480	Spectral Sub-Group
DLC	100	Distribution B	Spectrum D	120-277, 347, 480	
DLC	200	Distribution A	Spectrum D	120-277, 347, 480	
DLC	200	Distribution B	Spectrum D	120-277, 347, 480	
DLC	300	Distribution A	Spectrum D	120-277, 347, 480	
DLC	300	Distribution B	Spectrum D	120-277, 347, 480	
DLC	400	Distribution A	Spectrum D	120-277, 347, 480	
DLC	400	Distribution B	Spectrum D	120-277, 347, 480	

测试32个单独的产品

测试要求总结

Criterion	Which Model(s)	Test Required
Minimum PPF	Worst-case photosynthetic photon flux output variation	LM-79, including accompanying TM-33-18 document. Note: A single LM-79 report may fulfill several criteria
Minimum Photosynthetic Photon Efficacy (PPE)	Worst-case efficacy	
Photosynthetic Photon Intensity Distribution (PPID)	Each unique optical and distribution pattern	
Minimum Q_{90} Photon Flux Maintenance, Photosynthetic (PFM)	ISTMT at worst-case thermal conditions for each unique LED type	ISTMT
	LM-80 for each LED package/module/array as required for flux maintenance projection	LM-80/LM-84
		TM-21/TM-28
Driver Lifetime	Worst-case driver temperature for each non-relatable driver	ISTMT
Fan Lifetime	Worst-case fan temperature for each unique fan	ISTMT
Power Quality: Total Harmonic Distortion – Current (THDi) and Power Factor (PF)	Worst-case performing driver	Benchtop Electrical Testing or LM-79



Family Grouping

- 减少整体测试负担，**只审核最差情况**
 - **母产品**代表了子产品的能效数据
 - **母产品**需要测试报告，子产品只需报告额定数据
- 需要满足2.0的能效数据

Model	Wattage	Distribution	Spectrum	Voltage	
DLC	100	Distribution A	Spectrum A	120-277, 347, 480	Spectral Sub-Group
DLC	100	Distribution B	Spectrum A	120-277, 347, 480	
DLC	200	Distribution A	Spectrum A	120-277, 347, 480	
DLC	200	Distribution B	Spectrum A	120-277, 347, 480	
DLC	300	Distribution A	Spectrum A	120-277, 347, 480	
DLC	300	Distribution B	Spectrum A	120-277, 347, 480	
DLC	400	Distribution A	Spectrum A	120-277, 347, 480	
DLC	400	Distribution B	Spectrum A	120-277, 347, 480	
DLC	100	Distribution A	Spectrum B	120-277, 347, 480	Spectral Sub-Group
DLC	100	Distribution B	Spectrum B	120-277, 347, 480	
DLC	200	Distribution A	Spectrum B	120-277, 347, 480	
DLC	200	Distribution B	Spectrum B	120-277, 347, 480	
DLC	300	Distribution A	Spectrum B	120-277, 347, 480	
DLC	300	Distribution B	Spectrum B	120-277, 347, 480	
DLC	400	Distribution A	Spectrum B	120-277, 347, 480	
DLC	400	Distribution B	Spectrum B	120-277, 347, 480	
DLC	100	Distribution A	Spectrum C	120-277, 347, 480	Spectral Sub-Group
DLC	100	Distribution B	Spectrum C	120-277, 347, 480	
DLC	200	Distribution A	Spectrum C	120-277, 347, 480	
DLC	200	Distribution B	Spectrum C	120-277, 347, 480	
DLC	300	Distribution A	Spectrum C	120-277, 347, 480	
DLC	300	Distribution B	Spectrum C	120-277, 347, 480	
DLC	400	Distribution A	Spectrum C	120-277, 347, 480	
DLC	400	Distribution B	Spectrum C	120-277, 347, 480	
DLC	100	Distribution A	Spectrum D	120-277, 347, 480	Spectral Sub-Group
DLC	100	Distribution B	Spectrum D	120-277, 347, 480	
DLC	200	Distribution A	Spectrum D	120-277, 347, 480	
DLC	200	Distribution B	Spectrum D	120-277, 347, 480	
DLC	300	Distribution A	Spectrum D	120-277, 347, 480	
DLC	300	Distribution B	Spectrum D	120-277, 347, 480	
DLC	400	Distribution A	Spectrum D	120-277, 347, 480	
DLC	400	Distribution B	Spectrum D	120-277, 347, 480	

测试8个单独的产品，列名32个产品

列名申请

- V2.0 允许重新列出多个生产厂商和品牌下的产品
 - 列名品牌产品必须与 OEM 产品完全相同
 - OEM 产品必须已经列在植物灯 QPL 上
- 列名品牌产品不需要经过冗余测试
 - 总体而言，简化申请审查流程
 - 必须清楚地了解和记录制造商和产品的关系

DesignLights Consortium® Private Label Agreement
Solid-State Lighting, Horticultural Lighting, Networked Lighting Controls

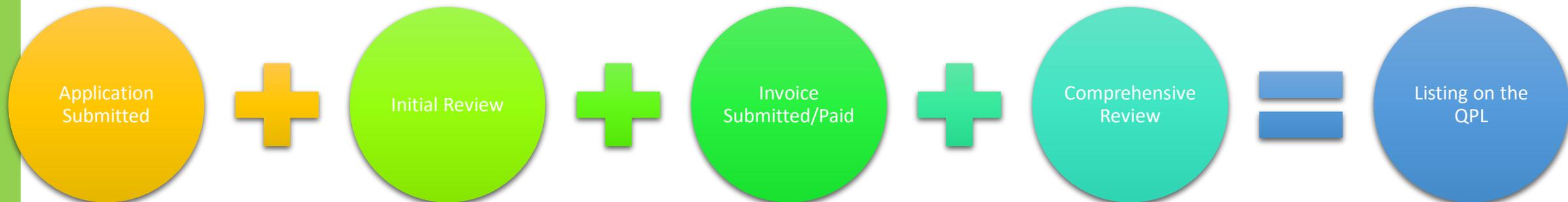
_____ [NAME OF ORIGINAL EQUIPMENT MANUFACTURER (OEM)], hereby represents and authorizes _____ [NAME OF PRIVATE LABELER] to list our product(s)/system under their private label brand.

_____ [NAME OF PRIVATE LABELER] declares that the product(s)/system is identical in design, performance and components. Branding and packaging of the product are the only authorized changes. Product(s)/system(s) listed below:

OEM SYSTEM or MODEL NUMBER(S)	PRIVATE LABEL SYSTEM or MODEL NUMBER(S)

申请流程变化

新的申请流程概述 (模仿 SSL)



提交者将收到申请已提交的通知, 并会指派一名审核员

审核员将审核申请和支持文件以确保其完整并与提交者合作解决任何问题

提交者将收到并开具发票。此发票的付款开始审核流程的下一步

审核员将审查申请和支持文件, 以确保满足所有技术和报告要求, 并与提交者合作解决任何问题

产品将在综合审查完成后发布到 QPL

V2.0 申请提交

Excel 申请表格

申请提交说明 Single/Family

完成完整的产品申请表

开始新的申请

创建新的申请，选择正确的申请类型

输入所需的申请详细信息和申请联系信息

- 已完成的产品申请表 (.xlsx)
- 制造商产品规格表
- LED 封装/模块/阵列规格表
- IES LM-79 报告
- ISTMT (产品级最坏情况和驱动程序)
- LM-80 和 TM-21
- TM-33
- 补充电能质量检测报告
- 解释保修条款和条件的法律保修文件
- 来自美国或加拿大相关的适当安全认证机构的安全认证证明
- 驱动器规格表
- 风扇规格表 (如适用)

以数字方式签署申请协议并提交申请

列名申请提交说明

完成完整的产品申请表

开始新的申请

创建新的申请，选择正确的申请类型

输入所需的申请详细信息和申请联系信息

- 已完成的列名申请表 (.xlsx)
- 提交的任何新型号的产品规格表
- 型号的 OEM 产品规格表
- 列名组织名称下的安全认证证明
- OEM 组织名称和型号下的安全认证证明
- 由经批准的安全组织发布的多个列表关联表，其中交叉引用 OEM 型号和列名标签型号。
- 签署的列名品牌协议表
- 来自列名厂商的保修文件涵盖申请中的自有品牌模型

以数字方式签署申请协议并提交申请

HORT 2.0 APPLICATION EXCELS



Horticultural Single/Family Application

Family

Single

Horticultural Single/Family Application

- Horticultural Update Application (Single/Family)
- Horticultural Private Label Update Application

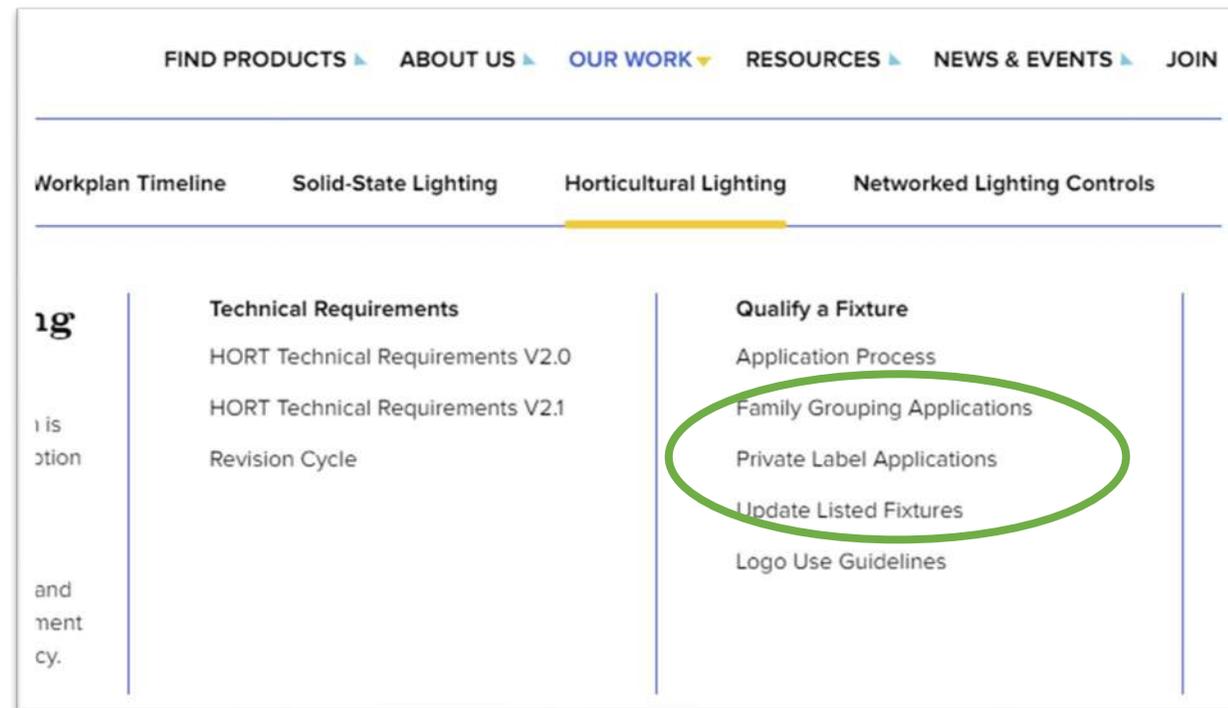
Update
(Private Label,
Single/Family)

Private Label

Horticultural Private Label Application

Excel 申请表

- Excel 表格在 DLC 网站上的位置
- 由提交者填写的 Excel 中的所有选项



申请表格选项

- 包括General Application/产品信息
 - 公司, 品牌信息, 联系方式
- 包括一般产品信息
 - 预期用途/产品描述
 - 产品型号明细
 - Scaling Methodology
 - Housing Variation

 DLC Qualified Products List Horticultural Family Submission Form			
Entire application form must be filled out and submitted online using your manufacturer account.			
Company			
Brand Name			
Contact Name			
Phone			
Email			
Website			
Product Information			
Intended Use Enter the intended usage of the product in a horticultural setting. For example, "sole-source", "supplemental", and "intercanopy" are common applications. This will not appear on the GPL, and is for the DLC's use in understanding product trends to support potential future segmentation of the GPL based on single categories.			
Description of Product Describe the product, how it is used in the field, and any other information that may be useful to describe for the reviewer. This information will not be displayed on the GPL and will help the reviewer understand the various product constructions and process.			
Scaling Methodology Provide a detailed explanation of how the reported data included in the excel upload have been determined. Please upload supporting documentation if available. This information will not be displayed on the GPL. A more detailed explanation of the scaling methodology may reduce reviewer questions as the application is processed.			
Please list out the different housing variations available within your product (ex. 1X4, 2X2, 2X4). This information will not be displayed on the GPL and will help the reviewer understand the various product constructions and process your application.			
Housing Variation A			
Housing Variation B			
Housing Variation C			
Housing Variation D			
Housing Variation E			
Product Identifier Information			
You must provide a breakdown of your ordering code below. Be sure to follow the format of the example			
<table border="1"> <tr> <td style="background-color: #f4a460;">Example Model Number:</td> <td> ABC = Family Series V = CCT; 30 = 3000K; 40 = 4000K W = Wattage; 2 = 20W; 4 = 40W; 6 = 60W XXX = Optic Type; TTT - Type 1; SSS - Type 2; RRR - Type 2 Medium; QQQ - Type 3; PPP - Type 4; NNN - TT - Drive Current; 35 - 350mA; 53 - 530mA; 70 - 700mA Z - Mounting Option; Mounting 1; Mounting 2; Mounting 3 </td> </tr> </table>		Example Model Number:	ABC = Family Series V = CCT; 30 = 3000K; 40 = 4000K W = Wattage; 2 = 20W; 4 = 40W; 6 = 60W XXX = Optic Type; TTT - Type 1; SSS - Type 2; RRR - Type 2 Medium; QQQ - Type 3; PPP - Type 4; NNN - TT - Drive Current; 35 - 350mA; 53 - 530mA; 70 - 700mA Z - Mounting Option; Mounting 1; Mounting 2; Mounting 3
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产品性能表

- 报告数据是制造商报告的性能数据，描述了产品的预期性能
- 此数据由灯具制造商得出，并将这些声明输入到申请 excel 表格中
- DLC 根据制造商选择在其产品规格表和/或其他营销材料中报告的信息来评估报告的性能声明。
 - 如果规格表和/或其他营销材料中报告的性能声明低于技术要求，DLC 审查员将拒绝申请，因为营销材料不能表明产品的营销性能低于任何技术要求。
 - 为避免审核延迟，请在提交申请之前审核所有营销材料，以确保其准确反映所提交的产品，并且不包含过时或不正确的信息或印刷错误。

Reported Minimum Input Voltage	Reported Maximum Input Voltage	Reported Photosynthetic Photon Flux ($\mu\text{mol/s}$) (400-700nm)	Reported Photon Flux Blue ($\mu\text{mol/s}$) (400-500nm)	Reported Photon Flux Green ($\mu\text{mol/s}$) (500-600nm)	Reported Photon Flux Red ($\mu\text{mol/s}$) (600-700nm)

组件选项页

Instructions:
1 - Please fill in your component information below.
2 - Driver, fan, and LED model numbers listed below must exactly match driver, fan, and LED model numbers listed in the Reported Performance Table.

			For LED components Only
Component Model Number	Manufacturer	Component Type	Max LED Current within application

- 输入 LED、驱动器和风扇信息
 - 下面列出的驱动器、风扇和 LED 型号必须与报告性能表中列出的驱动器、风扇和 LED 型号完全匹配。
 - 组件型号，尤其是 LED 必须是完整的型号，而不是系列名称或部分型号。

光谱可调产品

- 如果产品具有频谱调谐功能，请在右侧输入每个隔离通道的频谱调谐性能。
- 每个光谱通道都有要输入的信息

Instructions:

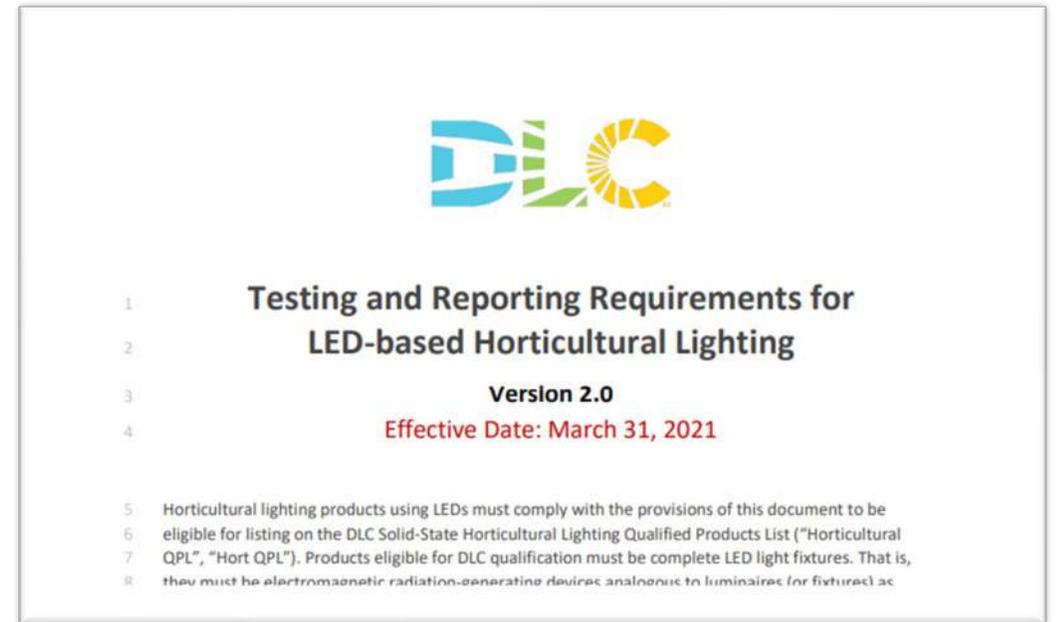
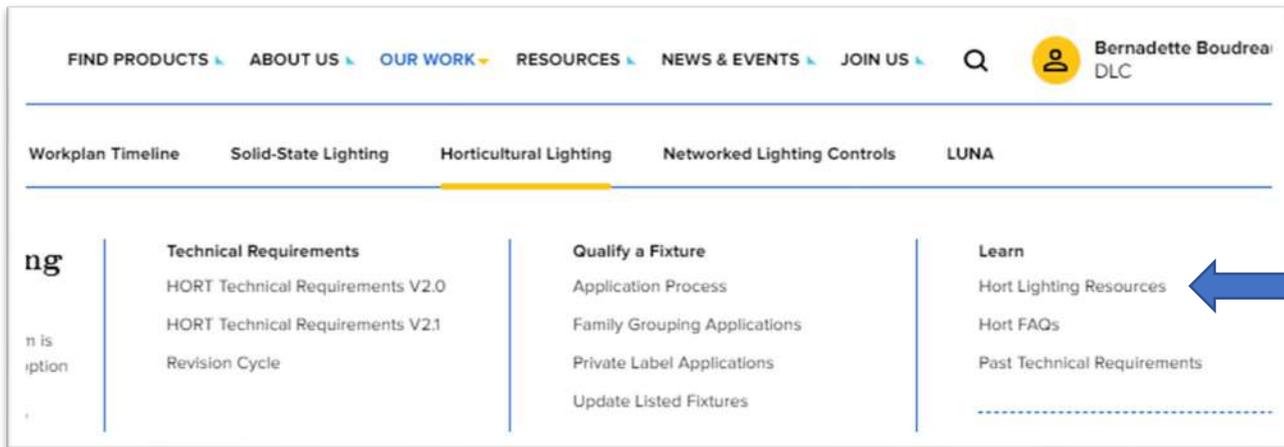
If product has spectral tuning capabilities for each model number, please enter spectral tuning performance at each isolated channel to the right. Please enter channel 1 information below.

Model number	Spectral Channel 1						
	Spectral Channel Name 1	Reported Photosynthetic Photon Flux ($\mu\text{mol/s}$) (400-700nm) Channel 1	Reported Photon Flux Blue ($\mu\text{mol/s}$) (400-500nm) Channel 1	Reported Photon Flux Green ($\mu\text{mol/s}$) (500-600nm) Channel 1	Reported Photon Flux Red ($\mu\text{mol/s}$) (600-700nm) Channel 1	Reported Photon Flux Far Red ($\mu\text{mol/s}$) (700-800nm) Channel 1	Reported Photon Flux ($\mu\text{mol/s}$) (280-800nm) Channel 1



可用资源

网站上提供了有关测试和报告要求的更多详细信息的资源



时间线

新的审核时间线

Application Type	Initial Review	Comprehensive Review
Single Product <i>Including Advanced Products</i>	9 Business Days	7 Business Days
Family Grouping	9 Business Days	10 Business Days
Private Label	6 Business Days	6 Business Days
Product Updates	9 Business Days	10 Business Days

申请费用

New Product Application Fees

Horticultural Fixture Feature	Price
<i>Single Product and/or Parent Product(s)</i>	
Basic fixture*, with one LED type, one driver, no fan, and no spectral tuning	\$750
Additional LED type included in fixture (Q ₉₀ verification)	\$115
Additional driver available in fixture (lifetime & efficiency verification)	\$105
Internal fan included in fixture (lifetime verification)	\$45
Spectral tuning (per channel flux verification)	\$125
<i>Child Product</i>	
Each additional family member (child) after the parent	\$30
<i>Private Label Product</i>	
Private Label Application	\$500
Each additional family member (child) after the parent	\$30

Horticultural Update Application (Including Private Label Updates)	Price
Performance-affecting updates	\$500
Non-radiometric and/or non-worst-case performance affecting updates	\$375
Nomenclature updates	\$0



QPL



新 QPL

Search the DLC Qualified Products Lists

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.



Solid-State Lighting

Search over 80 categories of indoor and outdoor commercial LED luminaires, retrofit kits, and replacement lamps.

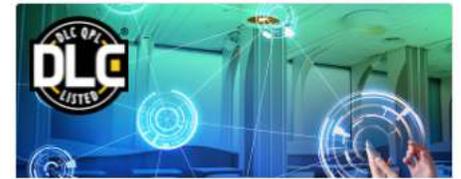
[Browse Qualified Products](#)



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](#)

DLC QPL 将具有改进的外观，但具有与您习惯相同的功能：

- 搜索特定型号或产品 ID
- 使用您熟悉的所有相同产品过滤器缩小搜索范围
- 下载特定的产品组并保存搜索以方便产品验证

新功能：

- 按品牌搜索产品
- 打印详细的产品列表
- 将特定产品添加到列表以下载或稍后返回并访问
- 查看具有更详细产品或系统数据的改进产品列表

Search the DLC Qualified Products Lists

The DLC Qualified Products Lists are the largest verified lists of high performing and energy saving LED lighting solutions in North America. 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.



Solid State Lighting
Search over 80 use categories of indoor and outdoor commercial LED luminaires, retrofit kits, and replacement lamps.
554,688 listed products
[Browse Qualified Products](#)



Horticultural Lighting
Browse the latest and greenest horticultural lighting fixtures on the market to capture energy and cost savings for your facility.
123 listed products
[Browse Qualified Products](#)



Networked Lighting Controls
Find the right networked lighting control system for your facility to help save up to 50% more energy than LED lighting alone.
39 listed products
[Browse Qualified Products](#)

HORT QPL Searches/Filters

Product Info

You have 0 saved items

Save Search View Saved Searches

Listed Products

Manufacturer

filter this list X

- 4D BIOS INC
- AEssense
- AGxano
- ALD Green
- Active Grow

Brand

filter this list X

- 4D BIOS
- AELIUS LED
- AEssenseGrows
- AGxano
- ALD GREEN

Technical Requirements Version

- 2.0
- 1.2
- 1.0

Product Features

- Dimmable
- Fan Presence
- Spectrally Tunable

Performance Data

State Compliance

- Illinois Cannabis Regulation And Tax Act Compliance
- Massachusetts CCC Compliance

Tested Performance Criteria

Tested Photosynthetic Photon Flux ($\mu\text{mol/s}$)

0 - 2500

Tested Photon Flux Blue ($\mu\text{mol/s}$)

0 - 400

Tested Photon Flux Green ($\mu\text{mol/s}$)

0 - 1000

Tested Photon Flux Red ($\mu\text{mol/s}$)

0 - 1600

Tested Input Wattage

0 - 1000

Tested Photosynthetic Photon Efficacy ($\mu\text{mol/J}$)

0 - 5

Tested Power Factor

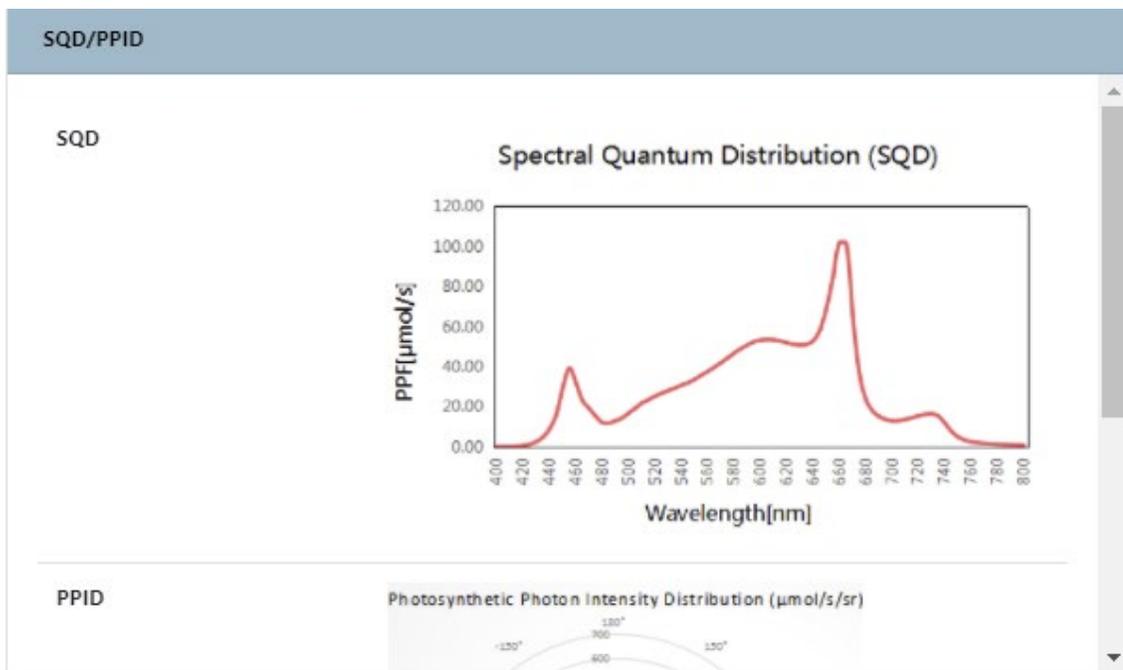
0.87 - 1

Tested Total Harmonic Distortion

0 - 0.25

SQD and PPID 图像

可以在 QPL 上查看图像，也可以使用打印功能来保存和下载这些图像



VERSION HISTORY

VIEW DETAILS

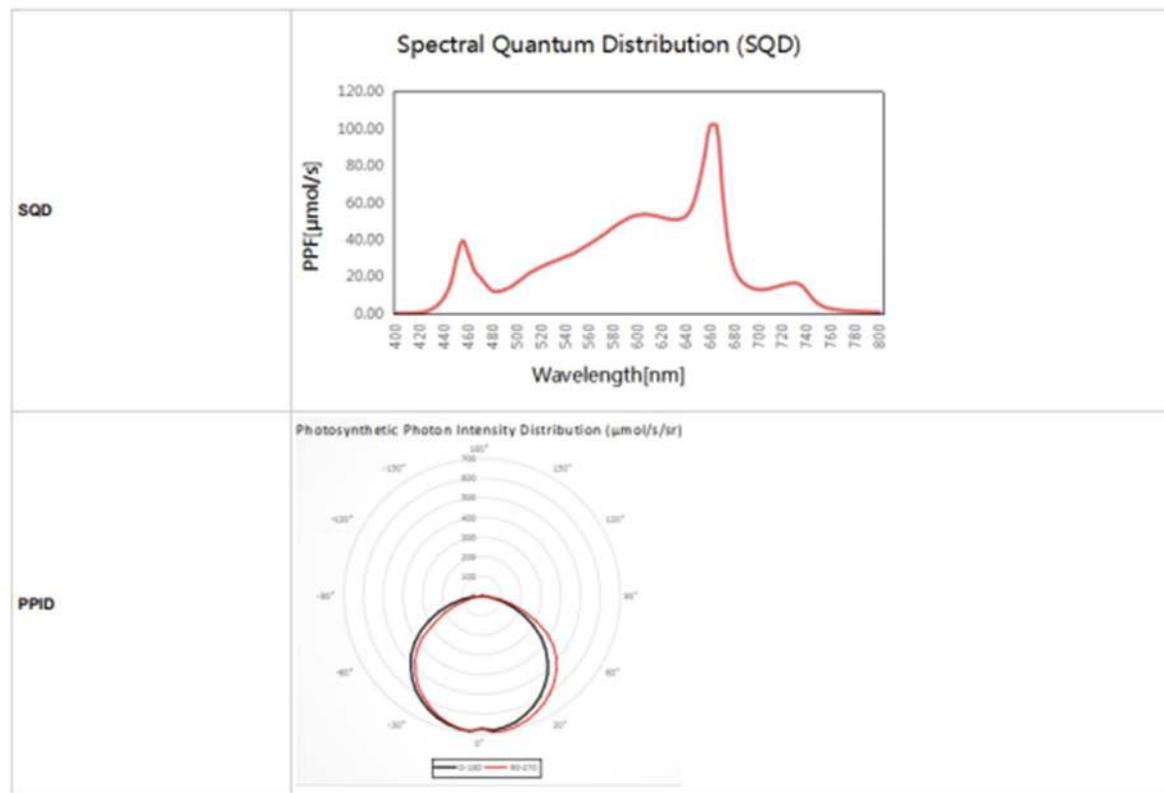
Save to List

Print this Page

Close



SQD/PPID VIEW DETAILS



Energy · Quality · Controllability³

非常感谢!

- 有关植物灯申请或申请细节的其他问题，请联系：
Horticulture@designlights.org
- 如果您想直接与我们联系，我们的电子邮件是：
bboudreaux@designlights.org
afeldman@designlights.org

