

# Kylo Light Guide Lens

## TASK

TYPE  
PROJECT

### Overview

- ky-lo noun: kylo; meaning: Sky or heavenly. Can also be a gender-neutral name of Latin or American origin. Could also be Han Solo's son from Star Wars.
- Kylo Series was designed for the minimalist when illuminating a space because of its small profile and clean sleek light guided light source.
- DESIGNER SELECTIONS
- Kylo Series has 1 profile size, nominally: one inch by two and three quarters of an inch.
- Kylo Series has a multitude of lens/louver/baffle options, up and down on pendants and down on surface and recessed.
- Kylo Series has multiple choices for canopies and colors, just scroll down for your choices.
- The Kylo is wired to dim direct /indirect together unless you check 2c in the options section.
- Kylo Series is available in almost any CCT available in the market, we've selected the most popular, but don't let that stop you from asking for something different.
- Kylo Series has options of pendant, surface (or task), and recessed mounting options, all with a wide selection of remote drivers IE; remote, surface, and recessed. We can also tune in our drivers to a specific lumen output if required.
- Kylo Series is always available for your project's special customization needs, please contact your agent.
- Kylo Series qualifies as "Made in America", "American Made" and is part of our ECO sustainable end of life program.
- For all: ies files, pictures, instructions, rfa files, and warranties...scroll to bottom.



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## Ordering Format

PART NUMBER: KYL-TF

Size	Lumens Direct	CCT Available	CRI Available	Direct Optics
<b>2</b> = 2 Feet	<b>D3</b> = 350 LPF	<b>27</b> = 2700 Kelvins	<b>80</b> = 80-85 CRI	<b>FW/60°</b> = Direct Smart-Optics Flush/60° Beam  <b>FW/IB/150°</b> = Direct Smart-Optics Flush/60° Beam / Indirect Cosine Batwing/150° Beam
<b>4</b> = 4 Feet	<b>D5</b> = 500 LPF	<b>30</b> = 3000 Kelvins	<b>90</b> = 90-95 CRI	
<b>6</b> = 6 Feet	<b>D7</b> = 750 LPF	<b>35</b> = 3500 Kelvins		
<b>8</b> = 8 Feet	<b>D10</b> = 1000 LPF	<b>40</b> = 4000 Kelvins		
<b>CL</b> = Custom Length, add in notes		<b>TW</b> = Tunable White 2700-5000 Kelvins		
Mounting	Driver / Voltage	Fixture Finish	Options	
<b>SC</b> = Surface Clip	<b>RND 1</b> = Remote Non-Dim Universal 120VAC	<b>W</b> = Standard White	<b>AWN</b> = Lutron Athena Wireless Node (RF only)	
	<b>RND 2</b> = Remote Non-Dim Universal 277VAC	<b>BK</b> = Standard Black	<b>AWNS</b> = Lutron Athena Wireless Node (with Sensor)	
	<b>RZT 1</b> = Remote 0-10v dimming 120v dual 1%	<b>SVR</b> = Standard Silver	<b>CA</b> = Custom Angle, add in notes	
	<b>RZT 2</b> = Remote 0-10v dimming 277v dual 1%	<b>RAL</b> = Enter RAL # in notes section	<b>OS</b> = Occupancy Sensor	
	<b>RLE1</b> = Remote Lutron EcoSystem 1% DLC EE CCR / PWM SoftOnFadeToBlack	<b>PA</b> = Plated Aluminum-enter plated finish in notes	<b>REMD</b> = Remote Emergency Driver - Battery Backup 120-277VAC	
	<b>RCC</b> = Remote Custom Control - add in notes	<b>CW</b> = Standard Wood Finish - see wood PN # enter in notes.	<b>2C</b> = 2 Circuits	
		<b>SW</b> = Special pattern submitted by designer		
		<b>AA</b> = Anodized Aluminum -enter PN in notes section		

## NOTES

ORDER NUMBER:

Construction & Mounting

**HOUSING**  
Extruded aluminum housings are supplied in nominal lengths of 2 ft- 8 ft. Fixtures may be continuously rowed (contact factory for details). Easy access to remote driver and LED boards. End caps are extruded aluminum.

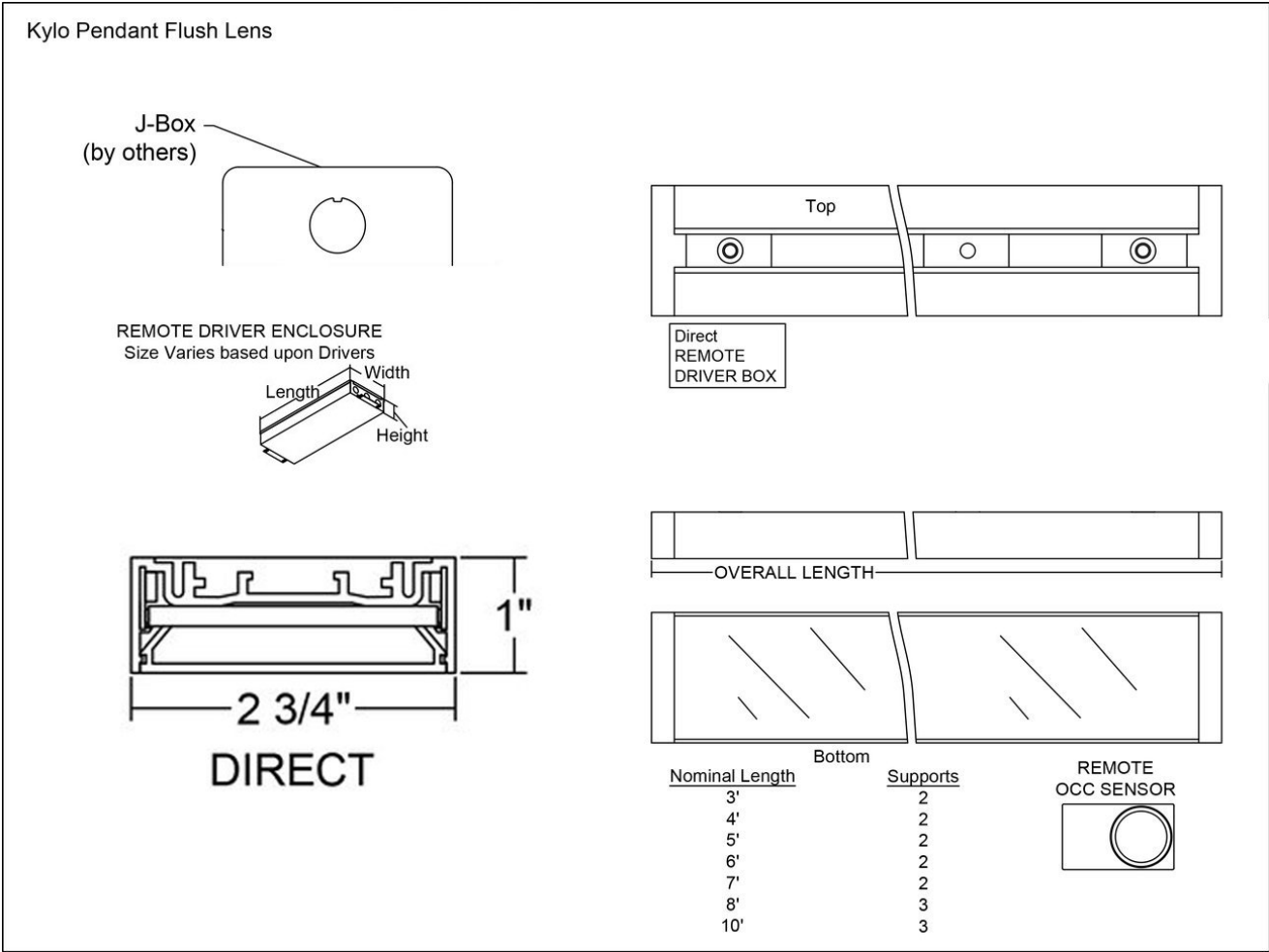
**REFLECTOR**  
Integral SmartOptics® reflector inside LED housing with excessive reflectivity for increased lumen output.

**FINISH**  
Standard powder-coated colors are white, black and silver. Custom processed wood finishes, aluminum anodized finishes, chrome/gold plating and custom finishes are available as well. We also accept RAL and Pantone numbers for powder-coating color choices.

**OPTICS**  
Downlight SmartOptics® inside consists of a three-layer light guide that provides even illumination. Uplight is a Cosine 150-degree batwing element providing a more flat even light distribution.

**MOUNTING**  
Cable mounting supports or 2 wire feed, powers the Kylo because it's too small to fit a driver. Various size canopies and different power supplies are available. The cable uses gripper-style locking for field adjustments and is connected to the driver. Canopy mounts to standard J-box and the standard cable lengths are 4 feet.

**LABELING**  
UL Approved IBEW Union Made




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TASK


TYPE

PROJECT


### Standard Finishes



White  
W




Black  
BK




Silver  
SVR

### Anodized Aluminum


xxxx-B for Aluminum to be Brushed




Anodized Black  
AABK



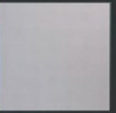
Anodized  
DK. Bronze  
AADB




Anodized  
LT. Bronze  
AALB



Anodized  
Champagne  
AALC




Anodized Clear  
AACL




**Custom RAL** - Custom finishes go to: [tiger-coatings.com](http://tiger-coatings.com) **Add # in Notes**

Standard Finishes – colors are powder coated and do not add to delivery lead time.  
 Anodized Aluminum – can be smooth or brushed, color can vary fixture to fixture and adds 2-3 weeks to lead time. Anodized finish is limited in fixture size.  
 Plated Aluminum – is a mirror finish in chrome and gold and adds 2 weeks to lead time.  
 Wood Finishes – so realistic, wood finish can add up to 3-4 weeks to lead time.


### Plated Aluminum




Antique  
Brass  
APAB



Aged  
Bronze  
APBZ




Polished  
Chrome  
APPC




Polished  
Gold  
APPG


### Wood Finishes




Light Bamboo  
LW01




Light Pine  
LW02




Teak  
LW03




Dark Bamboo  
LW04



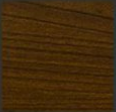
Dark Cherry  
LW05




Brushed Chestnut  
LW06




Chestnut  
DW01




Dark Chestnut  
DW02




Cherry  
DW03




Dark Mahogany  
DW04




Mahogany  
DW05



Walnut Pine  
DW06



Dark Walnut Oak  
DW07



Consult Factory

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## TASK

## TYPE

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### Electrical / Driver

- Drivers - Our drivers are specifically selected based on fixture application to ensure ultimate reliability and long life. We use only UL recognized brands of LED drivers. Our LED drivers feature HPF (high power factor), universal voltage 110 - 277 VAC and include 0-10V dimming. Please note, 277v has longer distances from power feed to power feed than 120v.
- If required, we can supply premium drivers such as Lutron, Eldoed and others upon request. Advanced control systems compliant drivers such as POE,DALI, DMX, etc. are also available, please consult factory.
- Rated life (90% survivorship) of 50,000 hours at 50° C max. ambient (and 70° C max. case) temperature. At maximum driver load: Efficiency >84%, PF>0.9, THD
- Our LED drivers feature HPF (high power factor), universal voltage 110 - 277 VAC and include 0-10V dimming.
- Remote emergency drivers are an option, long life, high temperature, recyclable Ni-Cad battery pack with test switch and charge indicator. EMR is a minimum of 90 minutes operation to meet code.
- POE - We are working with Molex/Igor POE systems. We can add a POE driver into our fixtures or remote them. Based on the fixture you select, we will notify you (or you can contact the factory) to see if we can install the P-driver or the P-driver needs to be remote. Just add POE1 in the spec and we will advise. Please keep in mind you need to specify a complete POE control system before specifying POE1.

### LED Performance

LED Output	CCT Color Temp	Watts	Lumens	Lumens per Watt	CCT Multiplier
Low	3000	2.8 WPF (Indirect 2.1 WPF)	350 LPF	129 LPW	$2700 = 1.07 / 3000 = 1 / 3500 = .97 / 4000 = .93$
Medium	3000	4.1 WPF (Indirect 3.1 WPF)	500 LPF	126 LPW	$2700 = 1.07 / 3000 = 1 / 3500 = .97 / 4000 = .93$
High	3000	6.3 WPF (Indirect 4.7 WPF)	750 LPF	122 LPW	$2700 = 1.07 / 3000 = 1 / 3500 = .97 / 4000 = .93$
Very High	3000	8.6 WPF (Indirect 6.5 WPF)	1000 LPF	119 LPW	$2700 = 1.07 / 3000 = 1 / 3500 = .97 / 4000 = .93$

- The table above is a quick reference. When calculating loads make sure you add direct and indirect LPW to get total wattage. Please refer to photometric report for detailed information.
- Our light engines are precisely designed for optimal operation of LED assemblies.
- Our standard LED's CCT (correlated color temperature) range is 2700K to 4000K. Other CCT values are available upon request.
- We log LED bin codes for each project we supply to ensure color consistency and keep a record of those projects for future reference.
- CRI offered is 80+, and 90+ Note: on 90+ CRI use .85 multiplier
- Tunable white, warm dim and other special LED colors available.
- Custom Lumens Available
- We design our own printed circuit boards to ensure high luminescence efficiency, low thermal resistance and long-term reliable operation.
- Light engines are easily replaced.
- We use only recognized brand LED's with 3 SDCM (standard deviation color matching) with high color consistency. 2 SDCM available upon request.
- If you require a special LED manufacturer, please contact us. LED chip manufacturers used by Picasso are primarily (but not limited to) Nichia, Cree and Samsung.
- LRP - "LED Reel Program" – LED's for printed circuit boards come on reels' like old 8mm projectors and they're sold in lots just like fabric. At Picasso Lighting, we have a program where we make sure all of your reels come from the same lot for each project. This ensures excellent color consistency in large open spaces.
- LED life is rated at 50,000 hours

### Certifications & Warranties

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- Limited five-year (50,000 hours) warranty on all products. Limited ten-year (100,000 hours) warranty on all Lutron drivers.
- DLC listed products will have DLC Logo.
- Chicago Plenum and IC products are available upon request.
- Warranty does not cover damage caused by transport, damage caused by using the fixture in an area it is not UL rated for, damage caused by negligence, lack of maintenance, attempts to repair by unqualified or unauthorized personnel, by using non-original accessories/parts, fixtures installed in systems without power surge protection.
- UL and CUL listed for dry and damp locations.
- IBEW USA Union All fixtures are IBEW manufactured and assembled in the USA.
- We manufacture based on approved spec sheets and submittals signed by professionals responsible. Change orders must be in writing and will delay delivery.
- Picasso Lighting must receive in writing any thought to be defective products discovered, no later than 4 weeks from delivery to; [ttoledo@picassoltg.com](mailto:ttoledo@picassoltg.com). Picasso Lighting will send a field technician to the site to evaluate the said defective product. We do accept field repair from licensed electrical contractors but not without a written agreement signed by Picasso Lighting official. Failure to adhere to all warranty and certifications will void any recompense and the warranty.



Note: Picasso lighting industries, LLC reserves the right to make any design changes which will not affect the overall appearance or performance of the product. All ceilings to be adequately reinforced by others. All fixtures to be wired by licensed electrician only. The information contained herein is the sole property of Picasso Lighting Industries, LLC and may not be used without prior written consent of Picasso Lighting Industries, LLC. The 'USGBC member logo' is a trademark owned by the U.S. Green building council and is used by permission. The logo signifies only that Picasso Lighting Industries, LLC is a USGBC member; USGBC does not review, certify, or endorse the products or services offered by its members.