

Blade 2 Flush Lens 4/2020

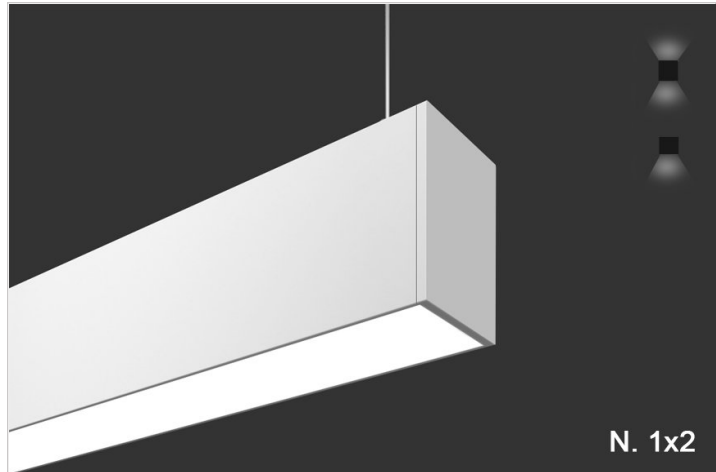
NEW BLADE MAR. 2020

TYPE

PROJECT

Overview

- Blade pendant was designed for architects, by architects. It's sleek design and performance is perfect for lighting areas that require architectural elements.
- Take a look below and enjoy a plethora of standard and special finishes. Woodgrain, anodized, plated mirror silver and brass, custom RAL as well.
- Canopies accessorize the Blade in a round, square and rectangular shape. Custom canopies are available as well.
- The Blade 2 is so small in profile, we need to remotely locate all the drivers.
- Drivers are offered in various remote installation types and fixture provides direct, indirect and direct/indirect lighting. Power is supplied through cables and we can also tune in our drivers to specific lumen output if required.
- The flush lens provides a wide distribution of our 2700K to 4000K CCT LED's. LED boards have a dedicated serial number specific to your project for future reference.
- All Picasso Lighting fixtures are UL approved and made in the USA.



Blade 2 Flush Lens 4/2020

NEW BLADE MAR. 2020

TYPE

PROJECT

Ordering Format

PART NUMBER: BLD-2-PF

Size	Lumens Direct	Lumens Indirect	CCT Available	CRI Available
2 = 2 Feet	D3 = 350 LPF	I3 = 350 LPF	27 = 2700 Kelvins	80 = 80-85 CRI
3 = 3 Feet	D5 = 500 LPF	I5 = 500 LPF	30 = 3000 Kelvins	90 = 90-95 CRI
4 = 4 Feet		NN = Not Needed	35 = 3500 Kelvins	
6 = 6 Feet			40 = 4000 Kelvins	
8 = 8 Feet			TW = Tunable White 2700-5000 Kelvins	
CL = Custom Length, add in notes				
Optics	Mounting	Driver / Voltage	Fixture Finish	Canopy/Power Cord Finish
FWF = Frosted White Flush	LV1R = Round 5in Canopy JBox - Driver Remote/Power in Cable LV1S = Square 5in Canopy JBox - Driver Remote/Power in Cable LV1CR = Small Rectangular Canopy /w Driver Remote/Power in Cable LVIDMC = Rectangular Canopy w/ Integral Drivers and Companion Power Box /Power in Cable LVSM = Low Voltage Surface Mounted Driver	ND 1 = Non-Dim Universal 120VAC ND 2 = Non-Dim Universal 277VAC ZT 1 = 0-10v dimming 120v dual 1% ZT 2 = 0-10v dimming 277v dual 1% LE1 = Lutron EcoSystem 1% DLC EE CCR / PWM SoftOnFadeToBlack LE5 = Lutron EcoSystem 5% DLC EE CCR CC = Custom Control - add in notes	W = Standard White BK = Standard Black SVR = Standard Silver RAL = Enter RAL # in notes section PA = Plated Aluminum-enter plated finish in notes CW = Custom Wood Finish - see wood PN # enter in notes. AA = Anodized Aluminum -enter PN in notes section	PC = Powered by Cable

NOTES

ORDER NUMBER:

Blade 2 Flush Lens 4/2020

NEW BLADE MAR. 2020

TYPE

PROJECT

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 powder-coated 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

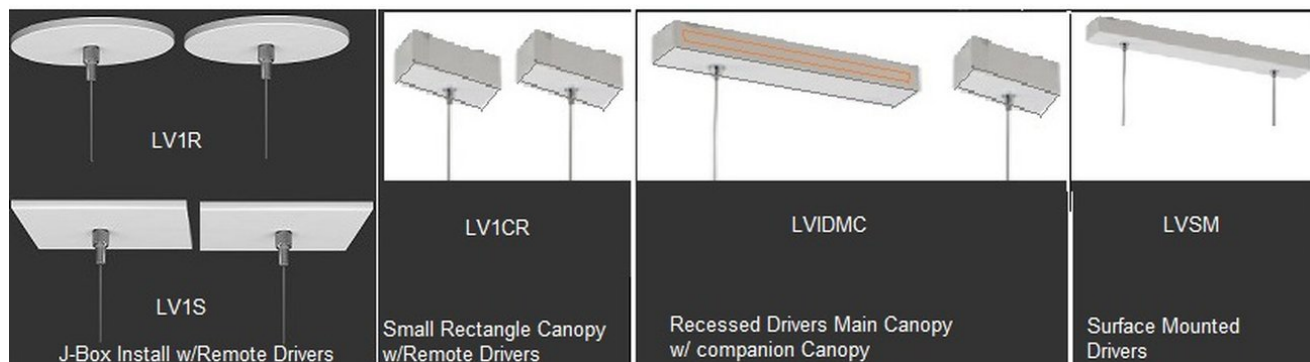
Extruded snap-in frosted acrylic lens formulated for LED light sources.

MOUNTING

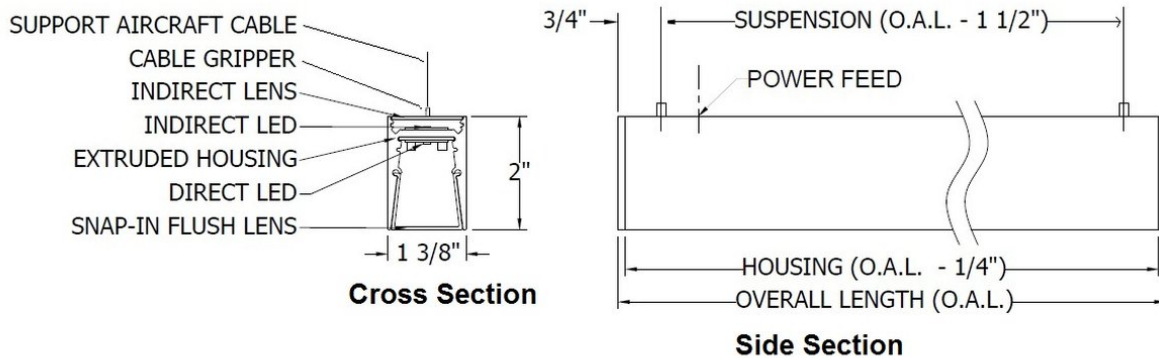
Cable mounting supports and powers the blade 2 because it's too small to fit a driver. Various size canopies and different power supplies are available. Cable uses gripper style locking for field adjustments and is connected to the driver. Canopy mounts to standard J-box and the standard cable lengths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

LABELING

UL Approved IBEW Union Made



Blade-2 Pendant Flush Lens Remote Driver / Surface Driver



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, Eldoled 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	5.01 WPF (Indirect 2.7 WPF)	350 LPF	68 LPW	2700 = .95
Medium	3000	7.03 WPF (Indirect 3.9WPF)	500 LPF	66 LPW	3000=1 / 3500=1.01/4000/1.03

- 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.
- 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.
- 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
- Custom Lumens Available

Certifications & Warranties

- Limited five-year (50,000 hours) warranty on all products.
- DLC® is a non-profit organization whose mission is to drive efficient lighting by defining quality, facilitating thought leadership, and delivering tools and resources to the lighting market through open dialogue and collaboration. We are currently getting our products listed with DLC. Products listed, will have DLC Logo.
- All fixtures are IBEW manufactured and assembled.
- UL and CUL listed for dry and damp locations.
- Change orders may effect delivery schedule.
- Made in the U.S.A.



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.