

Overview

- False Ceiling /fols/seling/ noun: false ceiling; 1. frequently secondary ceilings that are suspended below the primary ceiling of joists or I-beams using wires, unistrut or wood.
- Nubez Series luminaries can create a sense of open, outdoor airy space in a building. Nubez Series will give you a feeling of happiness, just as you would feel on a sunny day outdoors... while adding aesthetic interest and appeal to an architectural space. This is all achieved by stretching cloth fabric or PVC material in large areas where you can't install a skylight or window. The same can be achieved with white acrylic, but as you light spaces larger than 3x3, the acrylic gets too heavy
- DESIGNER SELECTIONS
- Nubez Series has many profile sizes. Squares 3x3,4x4,5x5 and larger. Rectangles 3x5,6x8, 5x10 and larger. Triangles 3x3,4x4,5x5 and larger. If you design larger than 8 x12, we have our stretch in field product that can achieve any shape!
- Nubez Series can be specified from 100 LPSF to 1000 LPSF, 80 to 90 cri, static 2700k-5000k, color changing and tunable white.
- Nubez Series can be pendant mounted, surface mounted and recessed in grid, metal, drywall, or wood ceilings. Glance under appropriate categories IE; surface, recessed, pendent for install your looking for.
- Nubez Series is also available in acoustic configurations as well as micro antibacterial, so look in acoustic and medical as well.
- Nubez Series has multiple choices for finishes too. Non-lighted colors, soft white translucent or even mirrored options.
- Nubez Series under Nubez Stretch, is installed by our own team to ensure that light is even, no LEDs are visible and the system is working properly. No need to hire multiple contractors.
- Nubez 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.
- Once specified and we receive PO, we have live meetings with GC's, EC's to make sure the installation prep is executed correctly.
- Nubez is considered a custom product.



Nubez Field Stretch

RECESSED STRETCH FABRIC

TYPE

PROJECT

Ordering Format

PART NUMBER: NFS-RF

Size	Lumens Direct	CCT Available	CRI Available	Direct Optics
SLS = Add custom size, length and shape in notes - max width w/o a seam is 16 feet	DR2 = 250 lumens/sqft DR3 = 350 lumens/sqft DR5 = 500 lumens/sqft DR6 = 625 lumens/sqft RGB/RGBW = Variable Lumen Output TW = Tunable White 2700-5000	27 = 2700 Kelvins 30 = 3000 Kelvins 35 = 3500 Kelvins 40 = 4000 Kelvins TW = Tunable White 2700-5000 Kelvins RGB = RGB Color Tuning RGBW = RGBW Color Tuning	80 = 80-85 CRI 90 = 90-95 CRI	TPM = Translucent PVC Membrane Standard White Backlight FFL = Fabric for Leed Projects Backlight MPAF = Micro-Perforated Acoustic Film Backlight BP = Bio-Pruf Backlight NN = No Fabric Needed, Trays and Boards Only N = Night-Matte Solid No Backlight PT = Platinum-Mirror Solid No Backlight MG = Metallic Gold-Mirror Solid No Backlight WS = White Smoke-Matte Solid No Backlight SS = Seasalt-Satin Solid No Backlight SH = Seashell-Satin Solid No Backlight C = Cream-Satin Solid No Backlight LN = Linen-Satin Solid No Backlight PH = Peach-Satin Solid No Backlight SM = Salmon-Satin Solid No Backlight TR = Tea Rose-Satin Solid No Backlight PK = Pink-Satin Solid No Backlight CC = Cotton Candy-Satin Solid No Backlight M = Minty-Satin Solid No Backlight PW = Periwinkle-Satin Solid No Backlight CF = Cornflower-Satin Solid No Backlight S = Scarlet-Glossy Solid No Backlight CM = Carmine-Glossy Solid No Backlight PL = Pearl-Glossy Solid No Backlight W = Wine-Glossy Solid No Backlight

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			RB = Rich Black-Glossy Solid No Backlight BB = Baby Blue-Glossy Solid No Backlight LC = Light Cyan-Glossy Solid No Backlight CL = Celeste-Glossy Solid No Backlight NB = Navy Blue-Glossy Solid No Backlight FM = Flamingo-Glossy Solid No Backlight H = Honey-Glossy Solid No Backlight I = Ivory-Glossy Solid No Backlight
Mounting	Driver / Voltage	Options	
BC = Blocking Circle BS = Blocking Square BR = Blocking Rectangle BT = Blocking Triangle BO = Blocking Other Shape HT = Housing for T-Grid HS = Housing for Slot Grid CM = Custom Design Mounting	RND1 = Remote Non-Dim Universal 120VAC RND 2 = Remote Non-Dim Universal 277VAC RZT 1 = Remote 0-10v dimming 120v dual 1% RZT 2 = Remote 0-10v dimming 277v dual 1% RCC = Remote Custom Control - add in notes RLE1 = Remote Lutron EcoSystem 1% DLC EE CCR / PWM SoftOnFadeToBlack	AWN = Lutron Athena Wireless Node (RF only) CP = Custom Print 3 inch depth required (add detail in notes) AWNS = Lutron Athena Wireless Node (with Sensor) TO = Trays Only /NO Fabric IW = Inverter Wiring OS = Occupancy Sensor REMD = Remote Emergency Driver - Battery Backup 120-277VAC ACB1 = Add 1 Inch Acoustic Panel to LED Boards	

NOTES

ORDER NUMBER:

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Construction & Mounting

HOUSING

Excellent design, precision-tooling and automated production is the combination that produces our troffer style housings. Most industry today uses pre-painted, folded, 22 gauge steel. We use die formed 20 gauge steel with welded, grinded, sanded corners. This produces a seamless troffer with no light leaks. We manufacture, any size available. Ceiling thickness unrestricted.

REFLECTOR

Integral powder-coated LED housing with excessive reflectivity for increased lumen output

FINISH

N/A no metal is displayed using stretch.

OPTICS

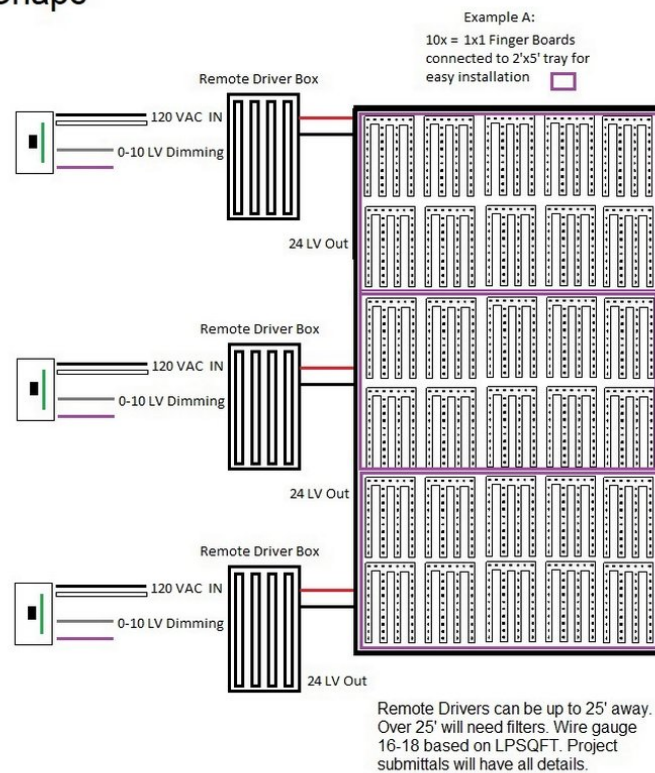
Dual layers of clear and opal white flexible membrane is stretched over the frame. Opal white is to room side.

MOUNTING

Our stretch fixtures can be mounted in slot grid, T-bar, and sheet-rock ceilings. See mounting detail in instructions. Other ceiling types, please consult the factory, we can accommodate many different applications.

Any Shape

- **Example:** for contractors to have a better understanding on how to bid "Stretch" installation (for standard sizes under 8x12 consider looking at our Nubez product, no stretch in field required). See installation instructions at bottom of Stretch product info page as well.
- First step is to design shape and see if our factory can accommodate your design, discuss seams, breaks, colors, etc...
- *Building contractor* must build a troffer 6" deep by size requested. Made preferably with ½ plywood and 2x4 blocking every 12" to support the installation of LED boards on the flat area and sides for rail that holds the Stretch fabric in place (drawing above).
- *Electrical Contractor* will install pre-built trays (that will be labeled to ensure correct installation) install wire to remote driver location and connect drivers to 120VAC and 0-10 control from control system (supplied by others).
- LED tray boards will need to be lighted for a minimum of 1-2 weeks before Stretch tracks and membrane is installed by our Picasso team.
- All spackling and sanding in the area of installation should be completed before installation.
- Picasso Lightings technicians will arrive after the above has been accomplished and will install membrane after verifying lamp color and output is correct. Any ceilings higher than 12 feet will require staging supplied by the GC.



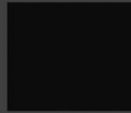
COLOR & FINISHES

*NO BACKLIGHT MEMBRANES

MATTE



WHITE SMOKE



NIGHT

MIRROR



PLATINUM



METALLIC GOLD

SATIN



SEASALT



SEASHELL



CREAM



LINEN



PEACH



SALMON



TEA ROSE



PINK



COTTON CANDY



MINTY



PERIWINKLE



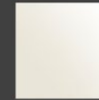
CORNFLOWER



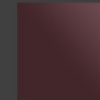
SCARLET



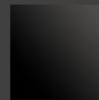
CARMINE



PEARL



WINE



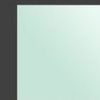
RICH BLACK



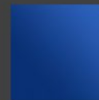
BABY BLUE



LIGHT CYAN



CELESTE



NAVY BLUE



FLAMINGO



HONEY



IVORY

GLOSSY

**BACKLIGHT MEMBRANES

BIO-PRUF



BIO -PRUF

PERFORATED



MICRO-PERFORATED
ACOUSTIC FILM

TRANSLUCENT



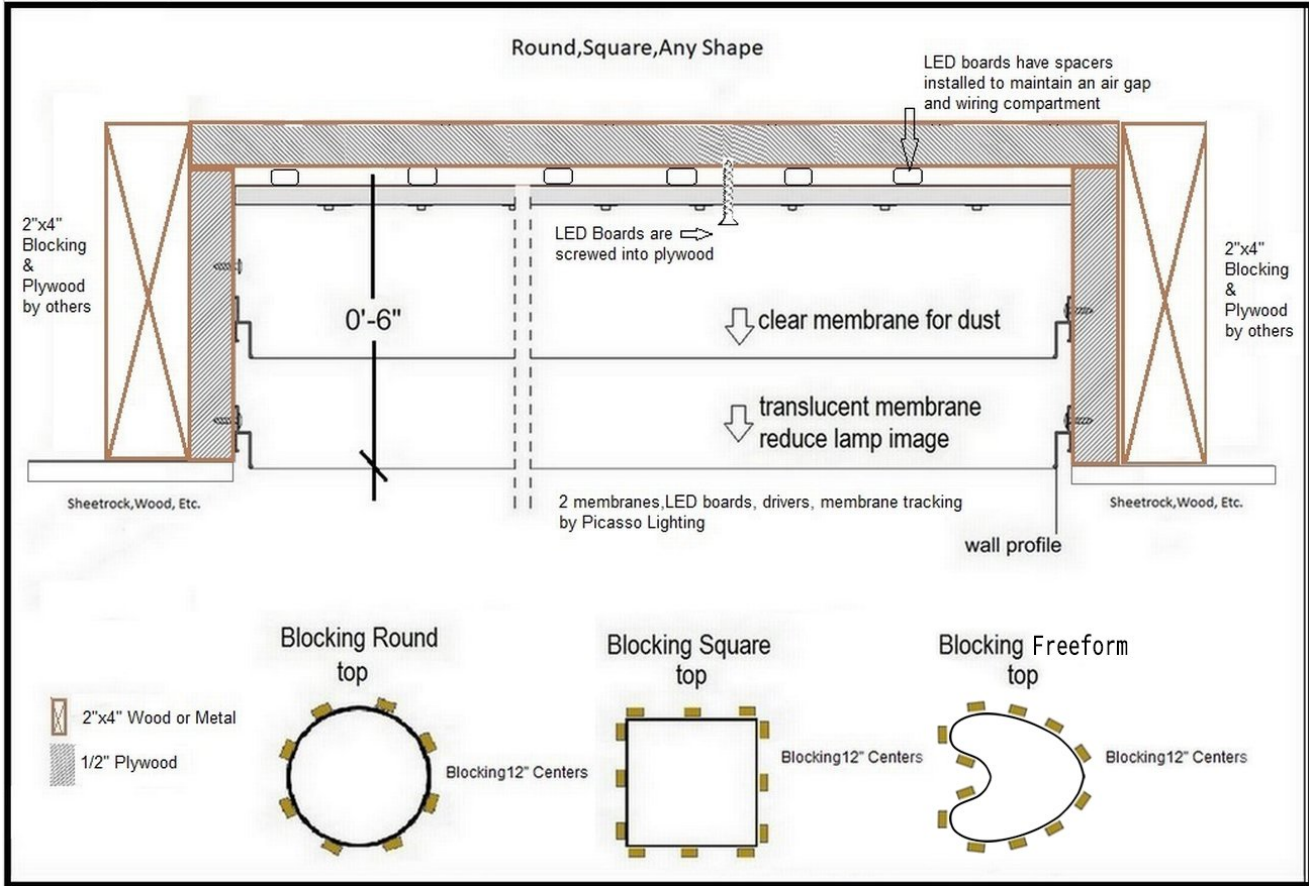
TRANSLUCENT

*MEMBRANES NOT BACKLIT BUT CAN INCORPORATE LINEAR LIGHTING

Nubez Field Stretch

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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 then 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.
- Emergency drivers are factory installed as an option, long life, high temperature, recyclable Ni-Cad battery pack with test switch and charge indicator. EMR is 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	5.1 watts	250 LPSF	49 LPW	2700=.95/3000=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.
- 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

- Limited five-year (50,000 hours) warranty on all products. Limited ten-year (100,000 hours) warranty on all Lutron drivers.
- I.C. rated fixtures are available upon request.
- 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. 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

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Lighting Industries, LLC is a USGBC member; USGBC does not review, certify, or endorse the products or services offered by its members.