Nubez < 4x4 Surface <

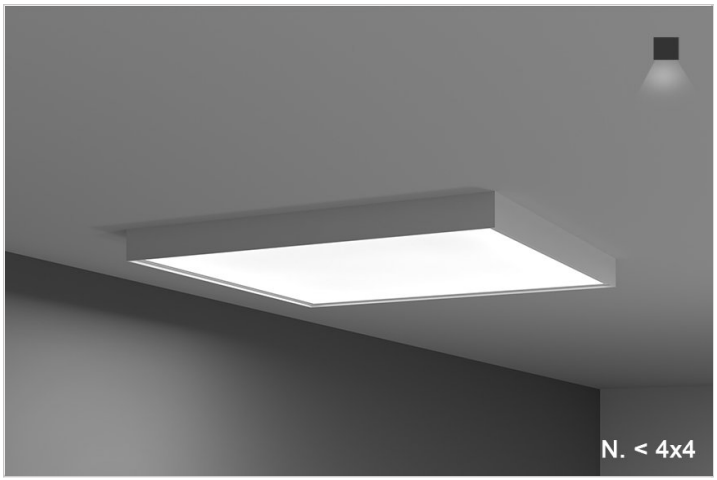
SURFACE

TYPE

PROJECT

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.



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Ordering Format

PART NUMBER: NUB-SF

Size	Lumens Direct	CCT Available	CRI Available	Direct Optics
2x2 = 24in x 24in **3x3** = 36in x 36in **4x4** = 48in by 48in **2x4** = 24in x 48in **3x4** = 36in x 48in	**DS2** = 250 lumens/sqft **DS3** = 375 lumens/sqft **DS5** = 500 lumens/sqft **DS6** = 625 lumens/sqft	**27** = 2700 Kelvins **30** = 3000 Kelvins **35** = 3500 Kelvins **40** = 4000 Kelvins **TW** = Tunable White 2700-5000 Kelvins **RGBW** = Color Changing	**80** = 80-85 CRI **90** = 90-95 CRI	**SFPM** = Stretch Fabric PVC Membrane

Mounting	Driver / Voltage	Fixture Finish	Options
SM = Surface Mount w/trim	**ND** = Non-Dim Universal 120-277VAC **ZT** = 0-10v Dimming Universal 120-277VAC 1% **LE1** = Lutron EcoSystem 1% SoftOnFadeToBlack **CC** = Custom Control - add in notes	**W** = Standard White **BK** = Standard Black **SVR** = Standard Silver **RAL** = Enter RAL or Pantone in notes **CW** = Standard Wood Finish - see wood PN # enter in notes. **SW** = Special pattern submitted by designer	**AWN** = Lutron Athena Wireless Node (RF only) **AWNS** = Lutron Athena Wireless Node (with Sensor) **EMD** = Emergency Driver - Battery Backup 120-277VAC **NAM** = Acoustical Membrane NRC-.55

NOTES

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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 , grinned, sanded corners, that produces a seamless troffer with no light leaks. We manufacture, any size available.

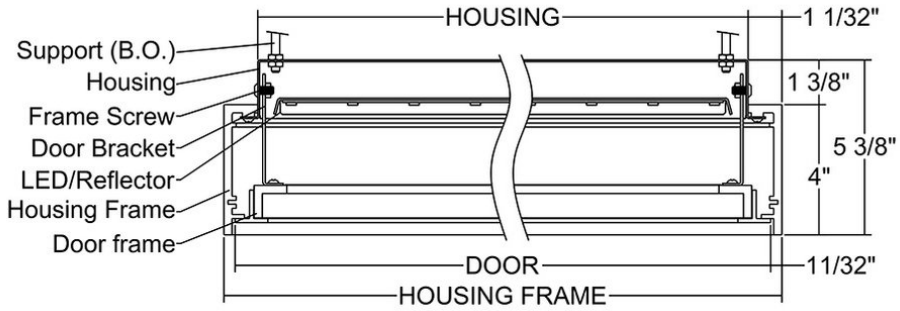
REFLECTOR
Integral powder-coated LED housing with excessive reflectivity for increased lumen output

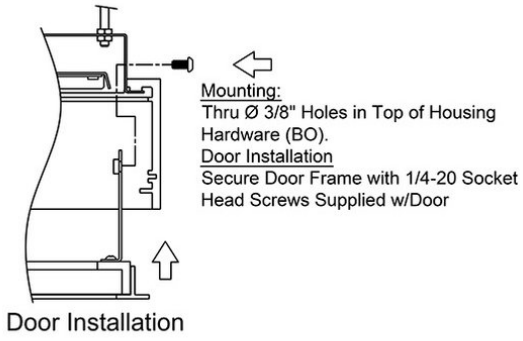
FINISH
Standard powder-coated colors are white,black and silver. Custom processed wood finishes, aluminum anodized finishes, chrome/gold plating and custom finishes are available as well. We also accept RAL and Pantone numbers for powder-coating color choices.

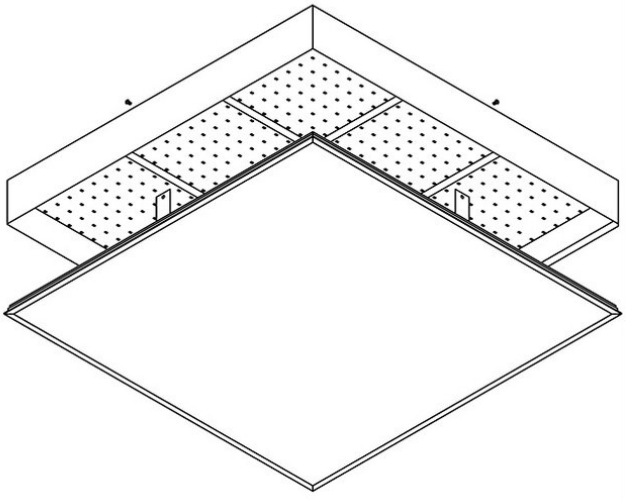
OPTICS
Dual layers of clear and opal white flexible membrane is stretched over the frame. Opal white is to room side.

MOUNTING
Surface mounted fixtures have pre-drilled holes for ¼" threaded rod by others. Surface mounted fixtures have ½" knockout for power feed.

Nubez Surface Mount ≤4'







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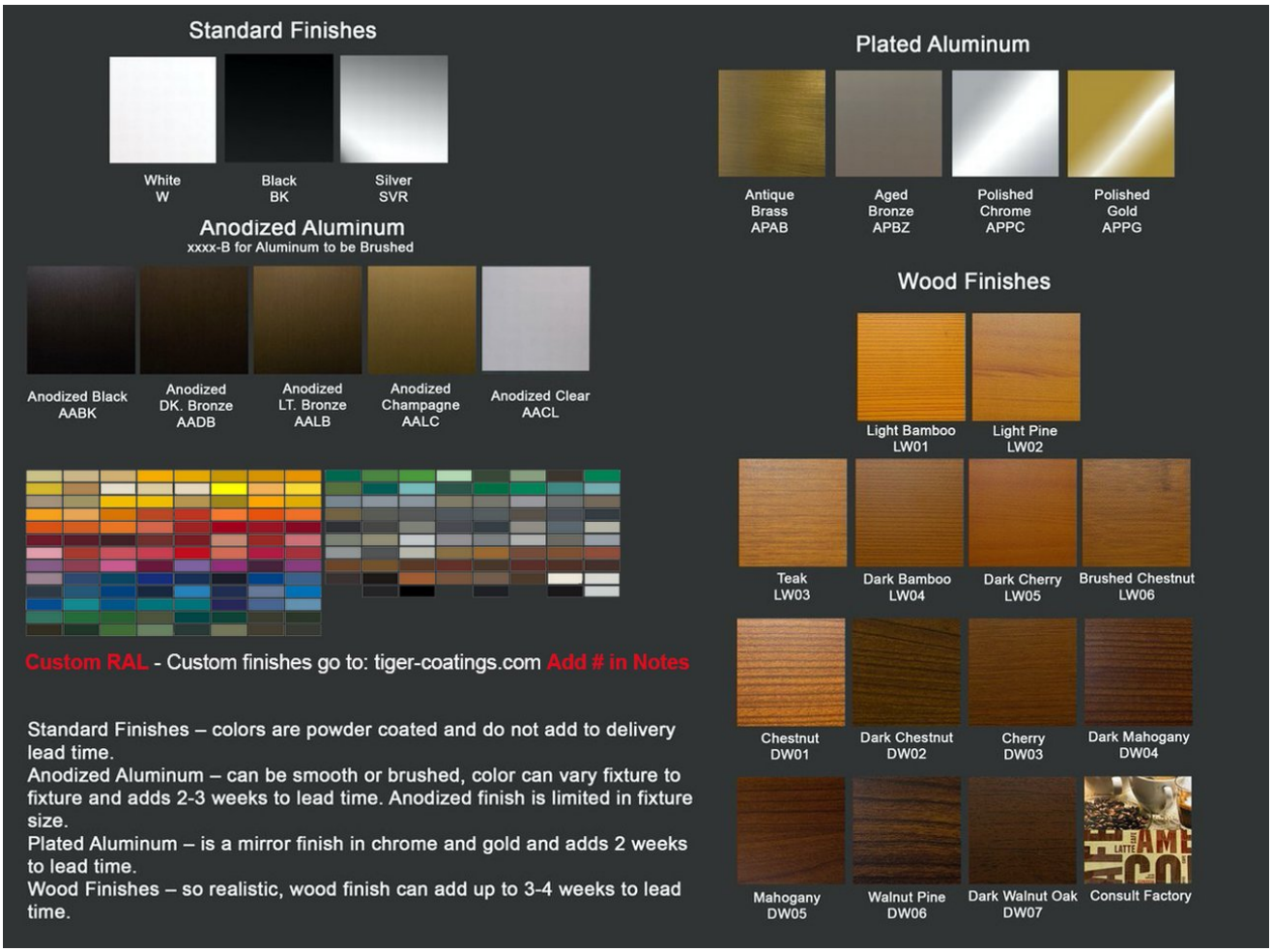

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Electrical / Driver

- 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, 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 50º C max. ambient (and 70º C max. case) temperature. At maximum driver load: Efficiency >84%, PF>0.9, THD
- 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.
- 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.
- Whip - Six feet long, wiring RHOS/Reach Compliant, 18 gauge, 600v rated, Specify wired to the fixture as an OPTION.

LED Perfomance

LED Output	CCT Color Temp	Watts	Lumens	Lumens per Watt	CCT Multiplier
Low	3000	44.7 TW	4000TL (250 LPSF)	90LPW	2700=.95/3000=1 /3500=1.01/4000/1.03
Medium	3000	67 TW	6000 TL (375 LPSF)	90 LPW	2700=.95/3000=1 /3500=1.01/4000/1.03
High	3000	89.4 TW	8000 TL (500 LPSF)	90 LPW	2700=.95/3000=1 /3500=1.01/4000/1.03
Super High	3000	111.8 TW	10,000 TL (625 LPSF)	90 LPW	2700=.95/3000=1 /3500=1.01/4000/1.03

- The table above is a quick reference LPSF on 4x4. 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. 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.