

TUCK PENDANT

COLLECTION TUCK PENDANT OVERVIEW



STANDARD DIMENSIONS

6.5" Dia x 11.75" H

MATERIALS

1/32" 3form Varia

Frosted White Opal Acrylic Diffuser

Custom material options available

Fixture price available upon request

SPECIFICATIONS

CONSTRUCTION:

3form Varia resin shade. Contact your local sales rep for material samples.

LIGHTING:

LED module with single light emitting source, thermally managed to provide optimal performance. Specifiable in 2700K–4000K in CRI >80 or CRI >90, color accuracy within 3 SDCM. Also available in dim-to-warm.

DISTRIBUTION:

Beam spreads from 28 degree narrow flood to 38 degree wide flood available, achieved with optics that are easily changed in the field.

LUMEN MAINTENANCE:

Reported:

L90 > 55,000 hrs

Calculated:

L70 > 180,000 hrs

L80 > 120,000 hrs

EPA TM21 calculator derived

PHOTOMETRICS:

Consult factory or website for IES files, tested in accordance with IESNA LM79

HARDWARE:

TGIC-free powder coated canopy. Cord grip on canopy allows for adjusting hanging height. Made with RoHS compliant parts.

MOUNTING:

Canopy mounts to 4" octagonal junction box or appropriate alternative.

CERTIFICATIONS:

CSA certified to CSA C22.2 No. 250.0, and conforms to UL standard 1598. CSA certified to UL 2108 for low-voltage systems.

WARRANTY:

5 year warranty on all standard components. LED system rated for operation in ambient temperatures up to 25°C.

Suitable for Dry or Damp locations. Indoor use only.

CARE:

To remove airborne debris and dust from shades periodically use a Swiffer sheet or feathered duster for light dusting. Remove heavier dust and dirt from Varia with a soft cloth or sponge and a solution of mild soap and/or liquid detergent in water. A 50:50 solution of isopropyl alcohol and water also works well.



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TUCK PENDANT

COLLECTION PART NUMBER SPECIFICATION

Complete form to order Tuck Pendant fixture(s)

SPECIFICATION CODE Example: 2 QTY COL-TUCK-PEND-NL-830CK-900LM-FL-POE-LVP-STD-WPC-WH

Qty.	COL-TUCK-PEND	-	-	-	-	-	-	-	-	-	-	-
			1	2	3	4	5	6	7	8	9	10

For each number, make one selection and enter in the corresponding box above. *Indicates modified choices; additional lead times and/or costs may apply.

1 MATERIAL

<input type="checkbox"/> GO	<input type="checkbox"/> NL	<input type="checkbox"/> GO Gesso	<input type="checkbox"/> NL Natural
<input type="checkbox"/> CR	<input type="checkbox"/> CUST	<input type="checkbox"/> CR Cinder	<input type="checkbox"/> CUST* Custom Color

2 LED CRI / CCT

<input type="checkbox"/> 827CK	827CK 80CRI / 2700K
<input type="checkbox"/> 830CK	830CK 80 CRI / 3000K
<input type="checkbox"/> 835CK	835CK 80 CRI / 3500K
<input type="checkbox"/> 840CK	840CK 80 CRI / 4000K
<input type="checkbox"/> 927CK	927CK 90 CRI / 2700K
<input type="checkbox"/> 930CK	930CK 90 CRI / 3000K
<input type="checkbox"/> 935CK	935CK 90 CRI / 3500K
<input type="checkbox"/> 1830CK	1830CK Warm dimming 90 CRI, 3000K to 1800K dimming range

3 NOMINAL DELIVERED LUMENS

<input type="checkbox"/> 700LM	700LM Lumen	1200LM Lumen
<input type="checkbox"/> 800LM	800LM Lumen	1600LM Lumen
<input type="checkbox"/> 1000LM	1000LM Lumen	2000LM Lumen
<input type="checkbox"/> 1200LM		2400LM Lumen
<input type="checkbox"/> 1600LM	Warm Dim only available in 1000LM or 2400LM	
<input type="checkbox"/> 2000LM		
<input type="checkbox"/> 2400LM		

6 BEAM SPREAD

<input type="checkbox"/> NFL	NFL Narrow flood option 28 degrees
<input type="checkbox"/> FL	FL Flood option 34 degrees
<input type="checkbox"/> WFL	WFL Wide flood option 38 degrees
Beam spread kits available. Contact LightArt for more information.	

7 POWER CANOPY

<input type="checkbox"/> PCE	PCE Power canopy (with LED driver)
<input type="checkbox"/> POE	POE Power Over Ethernet No driver provided for POE. Power supply by others.

8 DIMMING CONTROL SYSTEM

<input type="checkbox"/> LV01	LV01 0-10V - 1% Dimming 120-277V
<input type="checkbox"/> LT02	LT02 Leading / Trailing / Triac-5% Dimming (120V only)
<input type="checkbox"/> LP01	LP01 ELV Forward / Reverse Phase-1% Dimming (120V only)
<input type="checkbox"/> LVP	LVP Low Voltage PoE compatible Universal Input (120V for TRIAC/ELV & 120/277V for 0-10V)

9 CANOPY COLOR

<input type="checkbox"/> WPC	WPC White
<input type="checkbox"/> BPC	BPC Black

10 POWER CORD

<input type="checkbox"/> WH	WH White
<input type="checkbox"/> BK	BK Black

11 SUSPENSION

<input type="checkbox"/> STD	STD 12"-96"
<input type="checkbox"/> EXT	EXT* 12"-240"

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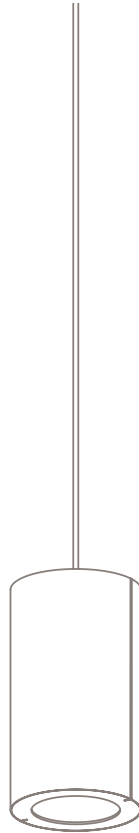
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COLLECTION
FIXTURE OPTIONS

DRAWINGS AND DIMENSIONS



6.5" Dia x 11.75" H



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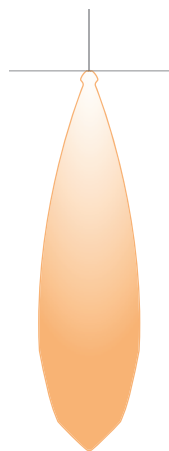
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LIGHT DISTRIBUTION

Consult factory or lightart.com for IES files, tested in accordance with IESNA LM79



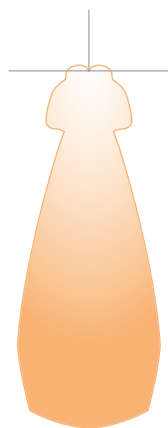
28° Narrow Flood

Luminous Flux: 2391lm

Input Power: 25W

Spacing Criterion: 0.47

Testing performed with 3500K / 80CRI configuration



38° Wide Flood

Luminous Flux: 2056lm

Input Power: 25W

Spacing Criterion: 0.64

Testing performed with 3500K / 80CRI configuration

PERFORMANCE

Based on 3500K / 80CRI / NFL configuration

Nominal Lumen Output	Delivered Lumens	Input Power (W)	Efficacy (lm/W)
700	701	9.6	73
800	867	11.6	75
1000	1068	14.2	75
1200	1234	13.5	91
1600	1613	17.3	93
2000	2050	21.5	95
2400	2391	25.1	95

COLLECTION LIGHTING DETAILS

OPTICAL CHARACTERISTICS

Based on measurement data

	Beam Angle	Spacing Criterion
Narrow Flood	28°	0.47
Flood	34°	0.57
Wide Flood	38°	0.64

OUTPUT MULTIPLIERS

Based on measurement data

Color Temperature / CRI	Multiplier
2700K / 80	0.94
2700K / 90	0.77
3000K / 80	0.98
3000K / 90	0.82
3500K / 80	1.00
3500K / 90	0.84
4000K / 80	1.02
4000K / 90	0.87
Warm Dim 1830 / 90	0.65

Optic	Multiplier
28°	1.00
34°	0.91
38°	0.82

OUTPUT MULTIPLIERS - INSTRUCTIONS

Adjusted Value = $L_r \times C_m \times O_m$ where:

L_r = (Lumen output at 3500K / 80 CRI) x
 C_m = (Color Temp. / CRI Multiplier) x
 O_m = (Optic Multiplier)

Example:

2600LM / 3000K / 80CRI / FL Configuration

$(2678) \times (0.97) \times (0.88) = 2286LM$



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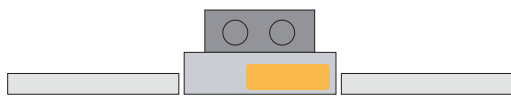
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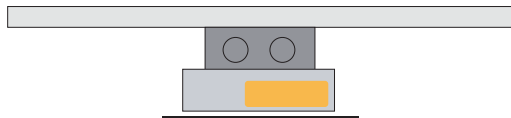
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COLLECTION FIXTURE OPTIONS

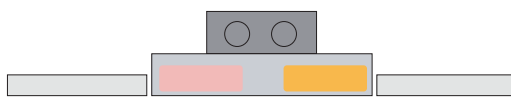
MATERIAL & HARDWARE



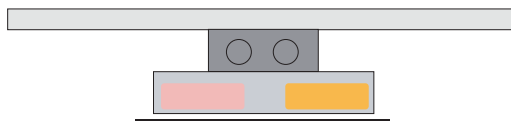
Recessed Mount—Drywall/Wood/Grid Ceilings



Surface Mount—Hard Deck Ceilings



(EM) Recessed Mount—Drywall/Wood/Grid Ceilings



(EM) Surface Mount—Hard Deck Ceilings

Note: No driver provided for POE option

SHADE COLOR OPTIONS

3FORM VARIA



Hush Cinder



Hush Gesso



Hush Natural

**Lead times subject to change*

MATERIAL OPTIONS

Hundreds of colors available!

Contact us for samples and more information.

DRESS PLATE FINISH OPTIONS

Canopy / dress plate finish



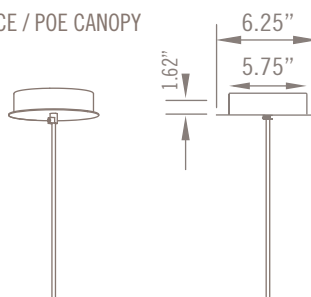
Black/Black



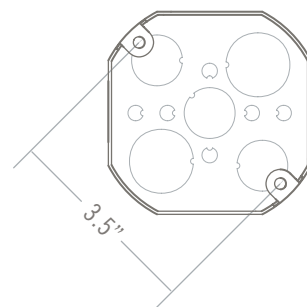
White/White

CANOPY OPTIONS

PCE / POE CANOPY



4" OCTAGONAL JUNCTION BOX
(PROVIDED BY OTHERS)



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