

NUVO Vu

Mechanical Specifications

Parameter	Value
Weights: Solo ceiling mount assembly* Duo ceiling mount assembly* Trio ceiling mount assembly* Light head assembly* Light head assembly w/Sterilizable Handle Assembly* Light head assembly w/Camera* Assembly (*Note: The weight of the Ceiling Cast assembly is included.)	Approximately 73.5 lbs (33.3 Kg) Approximately 104.5 lbs (47.4 Kg) Approximately 155.5 lbs (70.5 Kg) Approximately 28.1 lbs (12.7 Kg) Approximately 34 lbs (15.5 Kg) Approximately 34 lbs (15.5 Kg)
Dimensions: Ceiling casting Ceiling rod Arm (articulated) Light head assembly	Ø17.0" (431.8 mm) x 4.7" (119.4 mm) deep Ø2.5" (63.5 mm) x 9.0"-43.0"(228.6 -1092.2 mm) long (depending on ceiling height) Ø4.0" (102 mm) x 26.0" (660 mm) long Ø25.5" (648 mm) 4.75" (120 mm) deep
Rotations: Ceiling mount/extension arm interface Articulating/extension arm interface Articulating arm vertical movement Articulating arm/Yoke interface Yoke/lamp head interface	Continuous for NVSD3-E, 330° for NVSD3C-E Continuous for NVSD3-E, 330° for NVSD3C-E +15 Degrees, -65 Degrees Continuous for NVSD3-E, 325° for NVSD3C-E +/-165 Degrees (330° range)

Electrical Specifications

Parameters	Value
Voltage: Input Voltage	100 - 240 VAC 50/60 Hz – Single Phase
LED life	50,000 hours (average)
Power: Solo Duo Trio	180 Watts 360 Watts 540 Watts

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Optical Specifications

Parameter	Value
Correlated Color Temperature	Variable between 3,800°K to 4,800 °K ±300°K
Irradiance	128 W/m ² (1 m)
Color Rendering Index (CRI R1-R8=RA)	>90 @ 4,300°K
Color Rendering Index R9	>90 @ 4,300°K
Parameter	Value
Focal length	39.4" (1 meter)
Central Illuminance (full intensity)	160,000 +0 / -10K LUX @ 4,300° K
Dimming – 5 Levels (Indicated by 5 LED's on 2 indicator strips located 180° apart)	100% 87.5% 75% 62.5% 50% 160,000 140,000 120,000 100,000 80,000
Endo Mode (6 green LED's located 60° apart)	7.4% @ 4,300° K
Light field dia (NVSD3-E adjustable)	Ø9.5" – Ø14" (229 mm – 356 mm) @ 4,300° K
Light field dia (NVSD3C-E-fixed)	Ø9.5" (229 mm) @ 4,300° K
Depth of illumination	> 39.0" (1,000 mm)
Diameter (d50)	> 3.9" (100 mm)
Illuminance (one mask)	> 2,322 fc (25,000 LUX)
Illuminance (two masks)	> 3,251 fc (35,000 LUX)
Illuminance at bottom of standard tube	> 9,290 fc (100,000 LUX)
Illuminance at bottom of standard tube with one mask	> 2,322 fc (25,000 LUX)
Illuminance at bottom of standard tube with two masks	> 3,251 fc (35,000 LUX)

Environmental Specifications

Parameter	Value
Ambient / Operating temperature	41°F to 104°F (5° to 40° Celsius)
Storage temperature range	-4°F to 122°F (-20° to 50° Celsius)
Humidity	10 - 90% relative humidity
Pressure	100 kPA (@<2K meters)