

# FUSION AIR LIGHTING PARTNERS



## STRAIGHT DOWNLIGHT DESCRIPTION



The Fusion Air Downlight is a fully functional LED recessed fixture featuring an integrated air diffuser for heating and cooling. This innovative design eliminates the need for traditional air registers greatly improving the architectural appeal of the space. It can be used in ceilings up to one inch thick and provides both air throw as well as ceiling entrainment. This model is compatible with standard 6-inch LED retrofit modules.

## PRODUCT HIGHLIGHTS

- Integrated Air Diffusion: Eliminate bulky registers and achieve a modern aesthetic.
- Exceptional Performance: Delivers both air down throw and ceiling entrainment.
- Customizable Lighting: 4" LED engine with switchable 5 color temperatures.
- Versatile Installation: Compatible with standard 6-inch LED retrofit modules and ceilings up to 1" thick.

## FEATURES

- ✔ 4" diameter LED light engine with switchable 5 color temperatures
- ✔ Line dimmable
- ✔ Rated for use in IC (insulated ceiling)
- ✔ Engineered and manufactured in the USA
- ✔ Duct insulation is ¼" thick foam core, double side reflective and Class 1/ Class a ASTM fire rated
- ✔ UL Listed and Title 24 Compliant
- ✔ 5 year warranty on LED engine, limited lifetime warranty on housing and air diffuser

**Fusion Air  
Lighting Partners**

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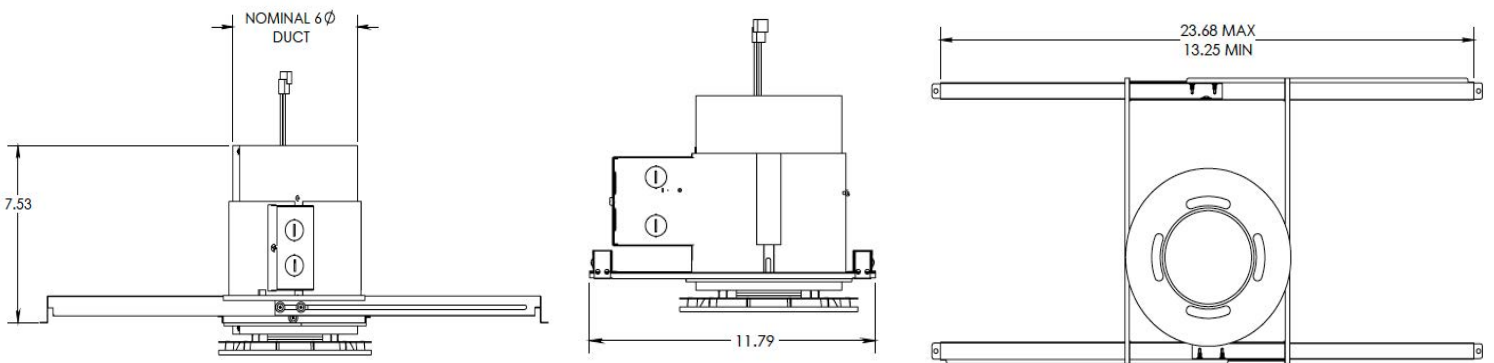
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# SPECIFICATIONS

<b>Intended use</b>	: New construction
<b>Construction</b>	: Aluminium diffuser
<b>Color trim</b>	: ___ : White      ___ : Black ___ : Custom color - _____
<b>Input voltage</b>	: 120V/60Hz
<b>Input power</b>	: 14W
<b>Lumens</b>	: 1200
<b>Lamp life</b>	: 50K Hours
<b>Color</b>	: 5CCT (27/30/35/40/50)K
<b>Beam Angle</b>	: 120°



# DIMENSIONAL



# DIFFUSER PERFORMANCE

<b>Air Volume (CFM)</b>	50		60		70		80		90		100		110								
<b>Pressure Loss (IN W.G.)</b>	0.047		0.069		0.09		0.117		0.129		0.173		0.215								
<b>Sound (NC dB)</b>	25		23		26		25		24		27		30								
<b>Vertical Throw (FT)</b>	5	7	11	5.7	8	13	6.3	9	15	7	10	17	7.7	11	19	8.3	12	21	9	13	23
<b>Horizontal Throw (FT)</b>	0.7	0.9	1.7	0.9	1.1	2.1	1	1.4	2.4	1.2	1.6	2.7	1.4	1.8	3	1.5	2.1	3.4	1.7	2.3	3.7

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