

FUSION AIR LIGHTING PARTNERS



90° DOWNLIGHT PRODUCT DESCRIPTION

The Fusion Air 90 Degree Downlight is a fully functional LED recessed fixture for shallow plenum spaces. It features an integrated air diffuser for heating and cooling. This innovative design eliminates the need for traditional registers greatly improving the architectural appeal of the space. It can be used in ceilings up to one inch thick and provides both air down 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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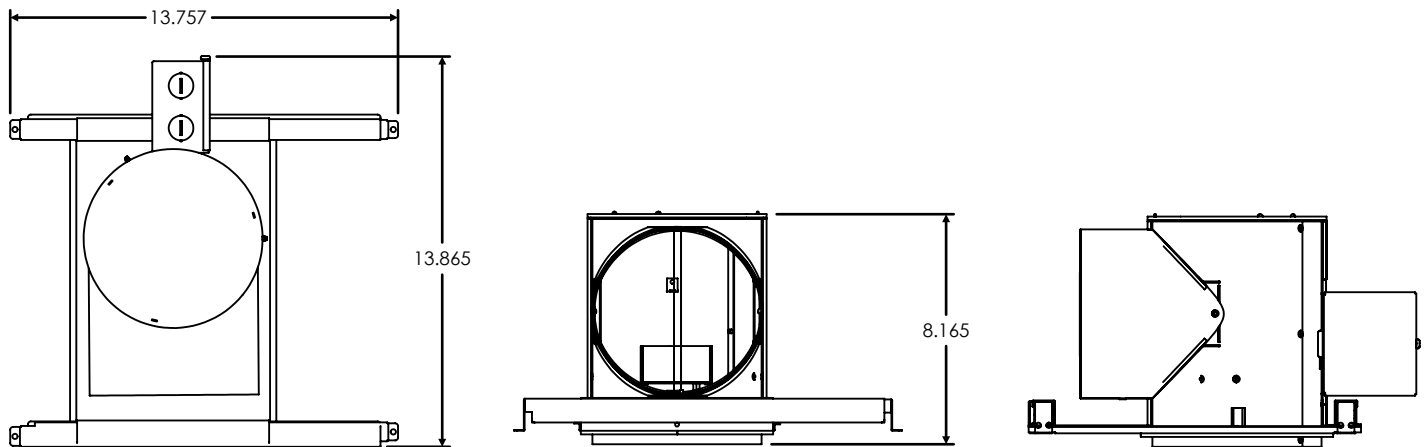
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SPECIFICATIONS

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



DIMENSIONAL



DIFFUSER PERFORMANCE

Air Volume (CFM)	50		60			70			80			90			100			110			
Pressure Loss (IN W.G.)	0.048		0.069			0.094			0.124			0.156			0.192			0.232			
Sound (NC dB)	---		17			21			29			31			37			38			
Vertical Throw (FT)	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
Horizontal Throw (FT)	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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