

MIRA SYMMETRIC

Mira's direct Lambertian or indirect batwing versions can be used to complete the illumination of a space while maintaining a consistent look and feel.



Performance

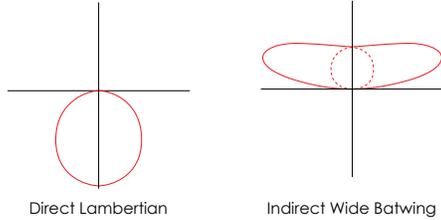
350LPF			
Distribution	Output	Input W	Efficacy
Direct Lambertian	346 lm/ft	2.8 W/ft	125 lm/W
Indirect Wide Batwing	407 lm/ft	2.8 W/ft	148 lm/W

600LPF			
Distribution	Output	Input W	Efficacy
Direct Lambertian	597 lm/ft	5.0 W/ft	119 lm/W
Indirect Wide Batwing	582 lm/ft	4.0 W/ft	145 lm/W

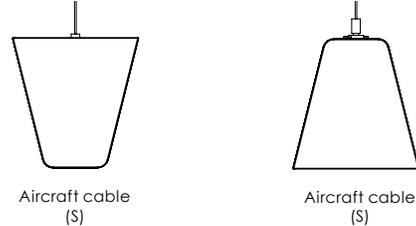
1150LPF			
Distribution	Output	Input W	Efficacy
Direct Lambertian	1152 lm/ft	11.0 W/ft	105 lm/W
Indirect Wide Batwing	1153 lm/ft	8.3 W/ft	140 lm/W

Based on static white 3500K. For the complete photometric data of this fixture go to page 3.

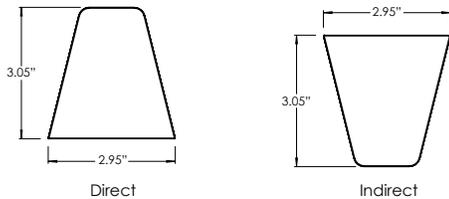
Photometric



Mounting



Dimensions



Need help? Don't see what you need? We know that having so many options can be overwhelming. Please reach out to our factory for any specific request or questions you have.

Our Design Assist team (designassist@alights.com) is here to make the process move smoothly.

SPECIFICATION GUIDE



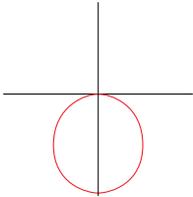
MIRA												
SERIES	FIXTURE TYPE	DISTRIBUTION	TOTAL FEET	OUTPUT	CCT	CRI	VOLTAGE					
MIRA	SYM Symmetric	IND Indirect DIR Direct	_FT Nominal Length ¹ _FT_ Specify continuous run Length ²	350LPF 350lm/ft 450LPF 450lm/ft 600LPF 600lm/ft 750LPF 750lm/ft 900LPF 900lm/ft 1150LPF 1150lm/ft	27K 2700K 30K 3000K 35K 3500K 40K 4000K TW 2700K-5000K tunable white	80CRI 80+ CRI 90CRI 90+ CRI	MVOLT Multi volt (120-277) 347 347V ¹					
<small>¹ Specify in feet to the nearest foot (i.e. 8). Minimum fixture length is 2'. ² Specify in inches to the nearest 1/8 (i.e. 180.125)</small>				<small>Nominal output. Refer to performance table on page 3 for exact output lm/ft.</small>			<small>¹ Not offered with tunable white</small>					

DIMMING	EMERGENCY	MOUNTING	CANOPY COLOR	EXTERIOR FINISH	OPTION
ZT 0-10V Dimming ¹ DALI DALI NLTAIR2 nLight AIR ²	(blank) None EMBATT_ Integral battery ¹ EC Emergency circuit ²	AC_ Aircraft cable ¹	CANWHT White CANBLK Black	WHT White BLK Black TNM Titanium RAL_ RAL# CCM Custom color match	RECF Right end cap feed LECF Left end cap feed
<small>¹ 1% Dimming standard unless otherwise specified. ² nLight AIR components completely integrated into fixture. Not available with 347V or emergency battery.</small>	<small>¹ Factory-installed emergency battery pack. Specify desired quantity of batteries. Not available on fixtures <4' length. Not available for 347V. See technical data for more information. ² For dedicated LED sections being on emergency circuit contact Design Assist for details.</small>	<small>¹ Specify cable length to nearest inch. 6" minimum. Standard 48" field adjustable cable. to nearest inch if over 48".</small>			

Photometric data

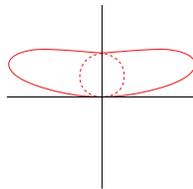
DIRECT LAMBERTIAN
1150LPF - 3500K

Lumens: 1152 lm/ft
Input watts: 11 W/ft
Efficacy: 105 lm/W



INDIRECT WIDE BATWING
1150LPF - 3500K

Lumens: 1153 lm/ft
Input watts: 8.3 W/ft
Efficacy: 140 lm/W



Light Loss Factors (LLF)

MIRA (symmetric)							
Output	CCT	LLF ratio		DIRECT (lamertian)		INDIRECT (batwing)	
		CRI 80+	CRI 90+	CRI 80 +	CRI 90 +	CRI 80 +	CRI 90 +
1150LPF	4000k	101.6%	84.4%	1171 lm/ft	972 lm/ft	1172 lm/ft	973 lm/ft
	3500k	100.0%	83.5%	1152 lm/ft	962 lm/ft	1153 lm/ft	963 lm/ft
	3000k	97.3%	81.7%	1120 lm/ft	941 lm/ft	1121 lm/ft	942 lm/ft
	2700k	94.3%	79.5%	1086 lm/ft	916 lm/ft	1087 lm/ft	917 lm/ft
600LPF	4000k	101.6%	84.4%	607 lm/ft	504 lm/ft	591 lm/ft	491 lm/ft
	3500k	100.0%	83.5%	597 lm/ft	498 lm/ft	582 lm/ft	486 lm/ft
	3000k	97.3%	81.7%	581 lm/ft	488 lm/ft	566 lm/ft	475 lm/ft
	2700k	94.3%	79.5%	563 lm/ft	475 lm/ft	549 lm/ft	463 lm/ft
350LPF	4000k	101.6%	84.4%	352 lm/ft	292 lm/ft	414 lm/ft	344 lm/ft
	3500k	100.0%	83.5%	346 lm/ft	289 lm/ft	407 lm/ft	340 lm/ft
	3000k	97.3%	81.7%	337 lm/ft	283 lm/ft	396 lm/ft	333 lm/ft
	2700k	94.3%	79.5%	326 lm/ft	275 lm/ft	384 lm/ft	324 lm/ft

Maximum run length per power drop

Maximum current per run length is 5.5Amps. Run lengths per power drop are calculated by multiplying the max current by the voltage of the circuit, then dividing the result by the consumption per foot.

For example : $(5.5A * 120V) / (10W/ft) = 66ft$ per power drop.



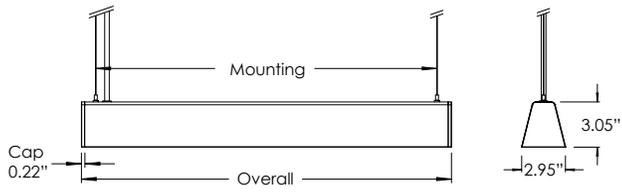
Need several power drops for continuous rows? Have questions?

We know that having so many options can be overwhelming. Please reach out to our factory for any specific request or questions you have.

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Dimensions

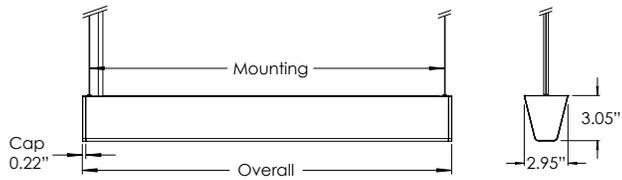
Direct



	DIMENSIONS (NOMINAL)						
	2'	3'	4'	5'	6'	7'	8'
Mounting *	23.00"	35.00"	47.00"	59.00"	71.00"	83.00"	95.00"
Overall	24.94"	36.94"	48.94"	60.94"	72.94"	84.94"	96.94"

* Fixed mounting points

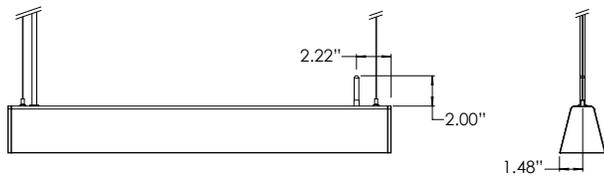
Indirect



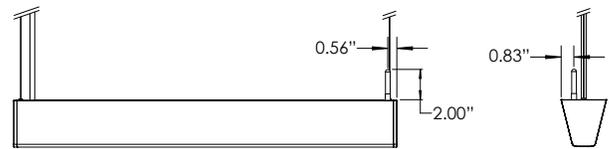
	DIMENSIONS (NOMINAL)						
	2'	3'	4'	5'	6'	7'	8'
Mounting *	24.00"	36.00"	48.00"	60.00"	72.00"	84.00"	96.00"
Overall	24.94"	36.94"	48.94"	60.94"	72.94"	84.94"	96.94"

* Fixed mounting points

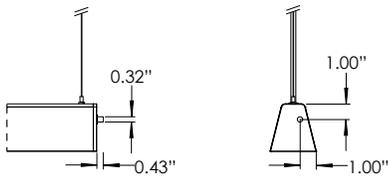
Direct - nLight Air antenna position



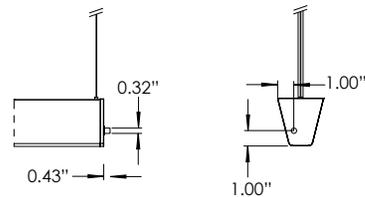
Indirect - nLight Air antenna position



Direct - Emergency battery button position

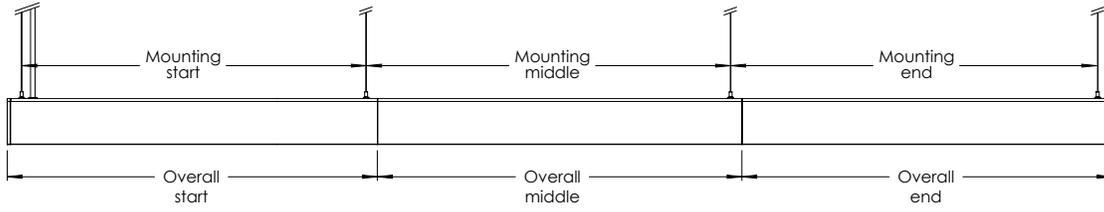


Indirect - Emergency battery button position



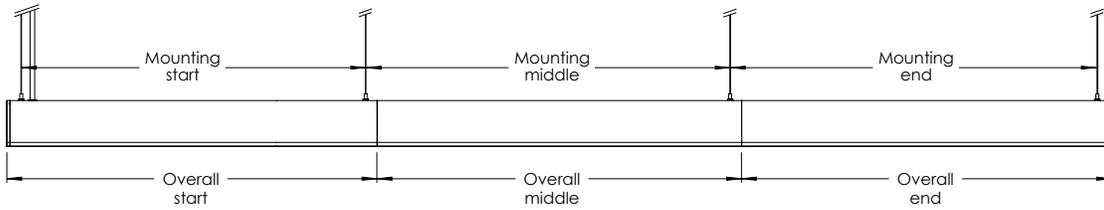
Dimensions

Row mounting - Direct



	DIMENSIONS (NOMINAL)						
	2'	3'	4'	5'	6'	7'	8'
Mounting Start	23.00"	35.00"	47.00"	59.00"	71.00"	83.00"	95.00"
Mounting Middle	23.50"	35.50"	47.50"	59.50"	71.50"	83.50"	95.50"
Mounting End	24.50"	36.50"	48.50"	60.50"	72.50"	84.50"	96.50"
Overall Start/End	24.94"	36.94"	48.94"	60.94"	72.94"	84.94"	96.94"
Overall Middle	23.50"	35.50"	47.50"	59.50"	71.50"	83.50"	95.50"

Row mounting - Indirect



	DIMENSIONS (NOMINAL)						
	2'	3'	4'	5'	6'	7'	8'
Mounting Start	24.00"	36.00"	48.00"	60.00"	72.00"	84.00"	96.00"
Mounting Middle	23.50"	35.50"	47.50"	59.50"	71.50"	83.50"	95.50"
Mounting Start	24.50"	36.50"	48.50"	60.50"	72.50"	84.50"	96.50"
Overall Start/End	24.94"	36.94"	48.95"	60.94"	72.94"	84.94"	96.94"
Overall Middle	23.50"	35.50"	47.50"	59.50"	71.50"	83.50"	95.50"

LINEAR DIMENSIONS

Nominal or exact lengths to the nearest 1/8th of an inch available as individual fixtures, minimum fixture lengths is 2 feet.

Custom - Contact Design Assist for modifications to product not detailed within the specification sheets.

OPTICS

Direct lambertian distribution: He Tech™ patented high efficacy extruded diffuse acrylic lens technology with integrated opaque white reflector delivers superior lumen output with optimal uniform lens surface luminance for direct distribution.

Indirect batwing distribution : The batwing TIR lens provides a wide distribution that is reflected off the engineered PET.

LED LIGHT SOURCE

Custom manufactured linear board array uses high performance Nichia® LEDs in combination with a performance driven heat sink technology. Tested in accordance with LM79 and LM-80; L70>60,000hr; operated at reduced output for high efficacy and lumen maintenance. 2700K, 3000K, 3500K, and 4000K with standard 80+ CRI; other color temperatures and 90+ CRI available. LED color variation is maintained at a 3-step MacAdam ellipse (SDCM 3x). LEDs are available in Standard and High outputs. Refer to photometry for delivered lumens.

LED DIMMING DRIVER

Standard constant voltage 120-277V electronic driver with 0-10V dimming control is standard. Specification grade dimming down to 1%. Max Driver life of 50,000 hrs with ambient operating temperature range of -20°C to 50°C, maximum case temperature of 80°C. Electrical specifications at maximum driver load: PF >0.90, THD < 20%, >90% Efficiency.

EMERGENCY

This luminaire is available with a factory installed LED emergency lighting battery pack for both normal and emergency operation, 120-277V only. This fixture integrated unit contains long-life Ni-Cad recyclable batteries, 24-hour charger, and converter circuit. Test switch and charge indicators provided. Integral test button. Emergency mode provides constant power to a nominal 12W LED load for a period of 90 minutes. Please consult the factory for emergency configuration assistance. Our Design Assist team (designassist@alights.com) is always available for collaboration and specification support.

MOUNTING

Suspension with aircraft cables includes 48" standard length 1/16" stainless steel adjustable aircraft cables with secure micro grippers to field set suspension length, comes factory installed in fixture. 4-1/2" x 4-1/2" square white canopies, unless otherwise noted. Cord strain also included for power canopies. Black power cord provided for black and titanium finish. White power cord provided for all other fixture finishes unless otherwise specified.

NLIGHT® AIR WIRELESS

The integrated API smart sensor is part of each luminaire in the nLight® AIR network, which can be grouped to control multiple luminaires. The granularity of control with the digital PIR occupancy detection and daylight sensing makes a great solution for any application. Optionally you can order nLight® AIR sensors for compatibility with an nLight Air wireless system. The rIO model are available for integration nLight enabled, remote mounted controls provided by others. Please contact an Acuity controls representative for more information.

STRUCTURE

Robust, high quality 60% recycled aluminum extruded housing. 0.040" thick aluminum internal gear trays. Precision die-casted aluminum endcaps. 2 lbs/ft approximate fixture weight.

FINISH

Electrostatically applied powder coat finish. Standard finish options include titanium, white, and black. Other colors and custom finish options available, specify RAL# or contact factory regarding custom finish requirements. Canopy and cover plates standard finish is white, unless otherwise noted.

LISTING

UL/CUL rated for Damp Locations. Tested in accordance with UL 1598 and certified to CEC/CSA C22.2.

The Mira is assembled in the U.S.A. and comply with the Buy America(n) Act (BAA), Build America, Buy America (BABA) government procurement requirements under FAR, DFARS, and DOT.

WARRANTY

Visit our website to learn more: www.alights.com/downloads/warranty/