

ATL1

An elegantly slim fixture, finished with subtle detailing to provide a high level of indirect lighting performance in a simple but robust package.

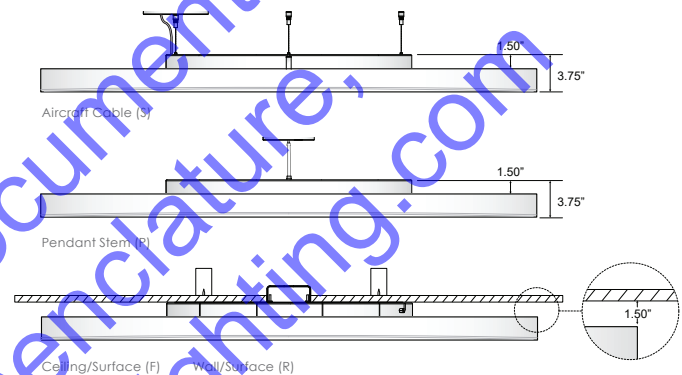


Performance

OUTPUT	DIAMETER	INDIRECT - SUSPENDED		
		DELIVERED LM	INPUT WATTS	EFFICACY
LVH (very high)	20"	3182 lm	25 W	127 lm/W
	32"	4654 lm	36 W	129 lm/W
	48"	6212 lm	50 W	124 lm/W

Based on static white 4000k. For the complete photometric data of this fixture refer to pages 2.

Dimensions



ATL1									
SERIES	DIAMETER		OUTPUT		CCT		CRI	VOLTAGE	MOUNTING
ATL1	20	Ø20"	LS	Standard Output	30	Indirect 3000k	CRI 80+ CRI 90+ CRI	U 120-277V	S Aircraft Cable ¹
	32	Ø32"	LH	High Output	35	Indirect 3500k			R Wall Surface Mount
	48	Ø48"	LVH	Very high Output	40	Indirect 4000k			F Ceiling Surface Mount
			C_	Custom Output ¹					P Rigid Stem ²
									PV Swivel Stem ²
									Black power cord provided for Black and Titanium finish and White power cord provided for all other fixture finishes, unless otherwise specified. ¹ Standard 48" field adjustable cable, specify length to nearest inch if over 48". ² Indicate stem length to nearest inch, 4.00" minimum - 98" maximum. Coupler and multiple stems will be provided to requests longer than 98".

FINISH		ACOUSTICS FINISH		DIMMING				
T W B O_	Titanium White Black Other ¹	Standard Colors ABF CHF TGF AWF NBF ZFF BBF OBF BOF PGF BTF REF BYF SGF Signature Colors BGF LBF PPF BKF LGF SBF DBF MGF TOF DTF OAF TPF DYF PBF GGF PNF				D	Standard 0-10V dimming ¹	
¹ Specify RAL# or other custom color.		¹ See Acoustic color chart for reference. Signature colors require longer lead time.		¹ 1% Dimming standard unless otherwise specified.				



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.

Project name

Type

Date

Quantities

Light distribution

DISTRIBUTION

Indirect Symmetric

OUTPUT (DC)

LVH: Very high output

LH: High output

LS: Standard output

C: Custom tuned output - Contact Design Assist

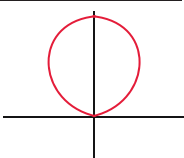
Photometric data

INDIRECT SYMMETRIC - SUSPENDED

ATL1 - 20 - LVH - 4000K

Lumens: 3182 lm
Input watts: 25 W
Efficacy: 127 lm/W

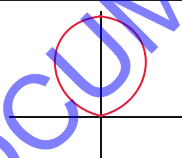
DLH: —



ATL1 - 32 - LVH - 4000K

Lumens: 9191 lm
Input watts: 100 W
Efficacy: 92 lm/W

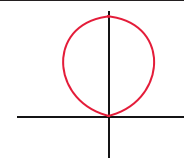
DLH: —



ATL1 - 48 - LVH - 4000K

Lumens: 6212 lm
Input watts: 50 W
Efficacy: 124 lm/W

DLH: —

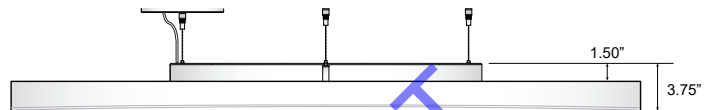
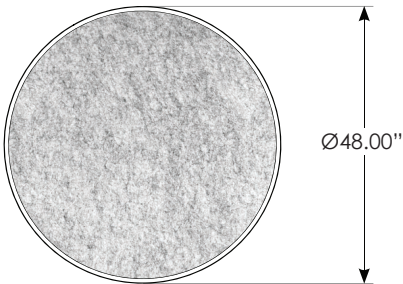
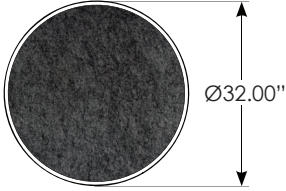
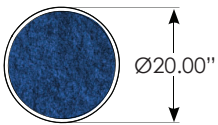


Light loss factors (LLF)

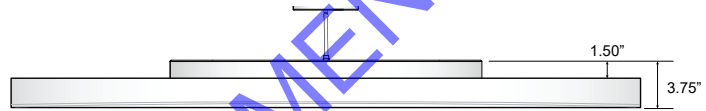
OUTPUT	CCT	LLF RATIO		INDIRECT EFFICACY					
				20"		32"		48"	
		CRI 80	CRI 90	CRI 80	CRI 90	CRI 80	CRI 90	CRI 80	CRI 90
LVH (very high)	4000K	1.01	0.86	127 lm/W	108 lm/W	129 lm/W	110 lm/W	124 lm/W	106 lm/W
	3500K	1	0.85	126 lm/W	107 lm/W	128 lm/W	109 lm/W	123 lm/W	105 lm/W
	3000K	0.98	0.83	123 lm/W	105 lm/W	125 lm/W	106 lm/W	121 lm/W	102 lm/W
	2700K	0.94	0.81	118 lm/W	102 lm/W	120 lm/W	104 lm/W	116 lm/W	100 lm/W
LH (high)	4000K	1.01	0.86	129 lm/W	110 lm/W	135 lm/W	115 lm/W	128 lm/W	109 lm/W
	3500K	1	0.85	128 lm/W	109 lm/W	134 lm/W	114 lm/W	127 lm/W	108 lm/W
	3000K	0.98	0.83	125 lm/W	106 lm/W	131 lm/W	111 lm/W	124 lm/W	105 lm/W
	2700K	0.94	0.81	120 lm/W	104 lm/W	126 lm/W	109 lm/W	119 lm/W	103 lm/W
LS (standard)	4000K	1.01	0.86	129 lm/W	110 lm/W	135 lm/W	115 lm/W	128 lm/W	109 lm/W
	3500K	1	0.85	128 lm/W	109 lm/W	134 lm/W	114 lm/W	125 lm/W	106 lm/W
	3000K	0.98	0.83	125 lm/W	106 lm/W	131 lm/W	111 lm/W	123 lm/W	104 lm/W
	2700K	0.94	0.81	120 lm/W	104 lm/W	126 lm/W	109 lm/W	118 lm/W	101 lm/W

OUTPUT	CCT	LLF RATIO		INDIRECT LUMEN OUTPUT					
				20"		32"		48"	
		CRI 80	CRI 90	CRI 80	CRI 90	CRI 80	CRI 90	CRI 80	CRI 90
LVH (very high)	4000K	1.01	0.86	3182 lm	2709 lm	4654 lm	3963 lm	6212 lm	5289 lm
	3500K	1	0.85	3150 lm	2678 lm	4608 lm	3917 lm	6150 lm	5228 lm
	3000K	0.98	0.83	3087 lm	2615 lm	4516 lm	3825 lm	6027 lm	5105 lm
	2700K	0.94	0.81	2961 lm	2552 lm	4332 lm	3732 lm	5781 lm	4982 lm
LH (high)	4000K	1.01	0.86	2586 lm	2202 lm	3790 lm	3227 lm	5259 lm	4478 lm
	3500K	1	0.85	2560 lm	2176 lm	3752 lm	3189 lm	5207 lm	4426 lm
	3000K	0.98	0.83	2509 lm	2125 lm	3677 lm	3114 lm	5103 lm	4322 lm
	2700K	0.94	0.81	2406 lm	2074 lm	3527 lm	3039 lm	4895 lm	4218 lm
LS (standard)	4000K	1.01	0.86	1293 lm	1101 lm	1895 lm	1613 lm	2525 lm	2150 lm
	3500K	1	0.85	1280 lm	1088 lm	1876 lm	1595 lm	2500 lm	2125 lm
	3000K	0.98	0.83	1254 lm	1062 lm	1838 lm	1557 lm	2450 lm	2075 lm
	2700K	0.94	0.81	1203 lm	1037 lm	1763 lm	1520 lm	2350 lm	2025 lm

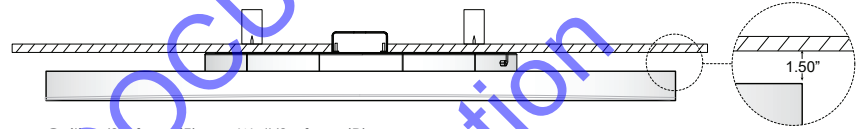
Mounting & Dimensions



Aircraft Cable (S)



Pendant Stem (P)



Ceiling/Surface (F)

Wall/Surface (R)

Acoustic colors chart

Standard colors



Signature colors



DIMENSIONS

20", 32", and 48" diameter surface and suspension fixtures maintain a 2.25" profile height and 3.75" overall height including back wireway compartment making the fixture ADA compliant.

OPTICS

Suspended: A thin clear, acrylic lens optimized for indirect LED performance delivers 95% transmittance.

Surface: A thin diffuse lens optimized for indirect LED performance delivers 90% transmittance for an ambient glow effect.

LED LIGHT SOURCE

Custom manufactured linear board array uses high performance Nichia® LED in combination with a performance driven heat sink technology. Tested in accordance with LM-79 and LM-80; L70>60,000hr; operated at reduced output for high efficacy and lumen maintenance. 3000K, 3500K, and 4000K with 80+ CRI standard; other color temperatures and 90+ CRI available upon request, contact factory. LED color variation maintained at a 3-step MacAdam ellipse (SDCM 3x). Refer to photometry for delivered lumens.

LED DIMMING DRIVER

Factory tuned constant current electronic 0-10V control dimming driver is standard. Specification grade dimming down to 5%. Driver life of 50,000 hrs with ambient operating temperature range of -30°C to 50°C, maximum case temperature of 75°C. Electrical specifications at maximum driver load: PF >0.9, THD <20%, >85% Efficiency.

CONTROLS

nLight enabled, remote mounted controls provided by others. Please contact an Acuity controls representative for more information.

MOUNTING

Aircraft cable set includes three 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" round canopy. IDS caddy clip and cord strain also included. Please refer to installation sheets for mounting weight requirements. Power cord options available for aircraft cable. Black power cord provided for satin black and titanium finish, white power cord provided for all other fixture finishes unless otherwise specified.

Rigid pendant stem set includes 1/2" IPS hollow threaded rod for suspension and power feed, standard specification length, 6" minimum - 98" maximum provided with a 5" round canopy diameter. Coupler and multiple stems will be provided to requests longer than 98".

Swivel stem set includes 1/2" IPS hollow white threaded rod for suspension and power feed, standard specification length, 6" minimum, provided with a 5" round canopy diameter.

Specify if other suspension length is required. Fixture can be mounted on angles within the recommended scope, please refer to installation instruction guide for recommended angles and mounting points for optimum conditions.

Ceiling surface mount version has a galvanized mounting plate that attaches to the junction box with #8-32 screws (provided by others) and is recommended to be further affixed to the ceiling with additional fasteners through the slots in the mounting plate (see installation instructions). The fixture twists onto this mounting plate through a series of descending receiving flanges, and is secured in place with a spring loaded locking mechanism. This mechanism also facilitates dismounting the fixture.

Wall surface mount version has a galvanized mounting plate that attaches to the junction box with #8-32 screws (provided by others) and is recommended to be further affixed to the wall with additional fasteners through the slots in the mounting plate (see installation instructions). The fixture twists onto this mounting plate through a series of descending receiving flanges, and is secured in place with a spring loaded locking mechanism.

ACOUSTICS

Fire tested according to ASTM E-84 Class A. The carefully studied hollow core design and the large surface area contribute to lowering the reverberation time in a set environment by absorbing sound frequencies (ideal for human voice range 250Hz to 2000Hz). Material has inherent NRC of 0.75. It is recommended to consult sound professionals for optimal spacing, positioning and quantity of acoustic material for your environment. Due to the dye process, colors may vary from batch to batch. Signature colors require longer lead time. Refer to full terms and conditions on our website.

FINISH

Electrostatically applied powder coat finish. Standard finish options include titanium, textured white and textured black. Other colors and custom finish options available, specify RAL# or contact factory regarding custom finish requirement. Colors may vary from batch to batch.

LISTING

Tested in accordance with UL 1598 and certified to CEC/CSA C22.1, NEC, ANSI/NFPA 70, and NOM-001-SEDE. For USA and Canada. Dry & damp locations only.

The ATL1 is assembled in the U.S.A. and complies with the Buy America(n) Act (BAA) government procurement requirements under FAR, DFARS, and DOT.

WARRANTY

Limited defect-free manufactured equipment warranty provided under normal use and proper storage for a period of one (1) year. LED products (LED boards and drivers) will be covered for a period of five (5) years. Please refer to full terms and conditions on our website. www.alights.com/downloads/warranty/