

ATL3

An elegantly slim fixture finished with subtle detailing to provide a high level of direct lighting performance in a simple but robust package. Available in three sizes with an integrated driver, Atlas is a handsome and versatile fixture suitable for any given environment.

5Y
Warranty

UL US
Certified

nLIGHT
Controls

ADA
Compliant

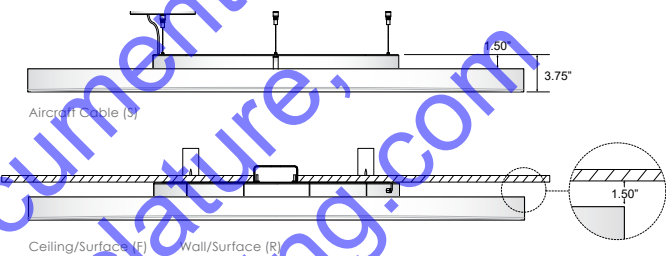
BAA
Buy American

Performance

OUTPUT	DIAMETER	DIRECT		
		DELIVERED LM	INPUT WATTS	EFFICACY
LH (high)	20"	2708 lm	38.3 W	71 lm/W

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

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) team is here to make the process move smoothly.

ATL3	DIAMETER		OUTPUT		CCT	CRI	VOLTAGE	MOUNTING
ATL3	20	Ø20"	LH LS	High output Standard output	35 Direct 3500k	— 80+ CRI	U 120V- 277V	S R F Aircraft Cable Wall Surface Mount Ceiling Surface Mount

FINISH		DIMMING	OTHER
T W B	Titanium White Black	D Standard 0-10V dimming ¹	FT Fast track ¹
		¹ 5% Dimming standard unless otherwise specified.	
		¹ Option must be in part number in order to be considered fast track	

Light distribution

DISTRIBUTION

Direct Symmetric

OUTPUT (DC)

LH: High output
LS: Standard output
C: Custom tuned output - Contact Design Assist

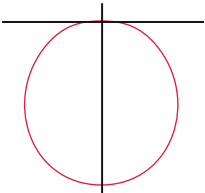
Photometric data

DIRECT SYMMETRIC

ATL3 - 20 - LH - 4000K

Lumens: 2708 lm
Input watts: 38.3 W
Efficacy: 70 lm/W

ILH: —

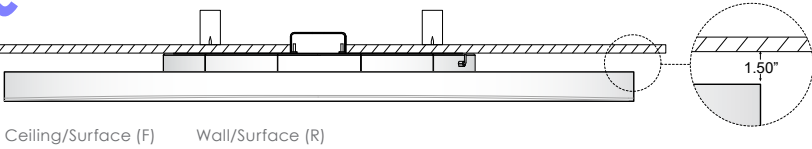
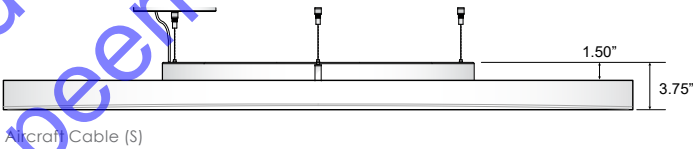
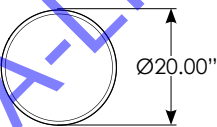


Light loss factors (LLF)

OUTPUT	CCT	LLF RATIO		DIRECT EFFICACY
				20"
		CRI 80	CRI 90	CRI 80
LH (high)	4000K	1.01	0.86	71 lm/W
	3500K	1	0.85	70 lm/W
	3000K	0.98	0.83	69 lm/W
	2700K	0.94	0.81	66 lm/W
LS (standard)	4000K	1.01	0.86	74 lm/W
	3500K	1	0.85	73 lm/W
	3000K	0.98	0.83	72 lm/W
	2700K	0.94	0.81	69 lm/W

OUTPUT	CCT	LLF RATIO		DIRECT LUMEN OUTPUT
				20"
		CRI 80	CRI 90	CRI 80
LH (high)	4000K	1.01	0.86	2708 lm/ft
	3500K	1	0.85	2681 lm/ft
	3000K	0.98	0.83	2627 lm/ft
	2700K	0.94	0.81	2520 lm/ft
LS (standard)	4000K	1.01	0.86	2042 lm/ft
	3500K	1	0.85	2022 lm/ft
	3000K	0.98	0.83	1982 lm/ft
	2700K	0.94	0.81	1901 lm/ft

Mounting & Dimensions



DIMENSIONS

20" 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

A 0.177" thick concaved thermoformed diffuser made up of a high performance acrylic blend hides LED hot spots while providing equal and seamless diffusion.

LED LIGHT SOURCE

Custom manufactured round 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. 3500K 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.

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 ATL3 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/

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 textured black and titanium finish, white power cord provided for all other fixture finishes, unless otherwise specified.

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.

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.