

ORDERING CODE

ATL6	20	LH	U
	W		

PROJECT INFO

TYPE

DATE

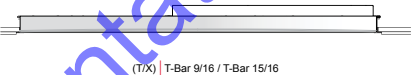
QUANTITY

PERFORMANCE AT 4000K

OUTPUT	DIAMETER	LUMEN OUTPUT	INPUT WATTS	EFFICACY
High	20"	2,665 lm	38.3 W	70 lm/W
Standard	20"	2,025 lm	27.7 W	73 lm/W

Please consult factory for custom lumen output and wattage.

MOUNTING OPTIONS



ATL6	20	LH			U	
SERIES	DIAMETER	OUTPUT	LED CCT	LED CRI	VOLTAGE	MOUNTING
ATL6	20 20"	LH High Output LS Standard Output C_ Custom Output	30 3000K 35 3500K 40 4000K	90CRI 80+ CRI 90+ CRI	U 120V - 277V	T T-Bar 9/16" X T-Bar 15/16"

*Contact Design Assist for custom tuning

W			
FINISH	DIMMING	SENSOR	EMERGENCY
W Textured White	D Standard 0-10V dimming* NAIR nLight® AIR (dim-to-off) NWIR nLight® Wired (dim-to-off)	OC Occupancy Sensor - Ceiling PC Photocell / Daylight Sensor - Ceiling OPC Occupancy & daylight Sensor -Ceiling	E1 Emergency - battery*

*5% Dimming standard unless otherwise specified.
**Reference Lutron LTA4 driver for compatible dimmers.

Sensor will be matched to dimming input.

*(1) IOTA-ILB-CP12-B (12W unit, integral). Specify desired quantity of batteries. Not available for 347V. 20" remotely mounted in RME1 enclosure.

LIGHT OUTPUT

DISTRIBUTION

Indirect Symmetric

Direct Symmetric

OUTPUT

LH: High output

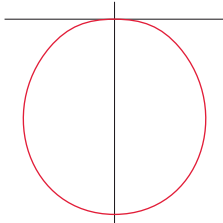
LS: Standard output

C: Custom tuned output - Contact Design Assist

DIRECT SYMMETRIC

ATL2, ATL3, ATL5, ATL6-20-LH-40

Lumens: 2,665 lm
Input watts: 38.3 W
Efficacy: 70 lm/W
LH —



ATL2, ATL3, ATL5-32-LH-40

Lumens: 6,524 lm
Input watts: 78.1 W
Efficacy: 84 lm/W

ATL2, ATL3, ATL5-48-LH-40

Lumens: 15,770 lm
Input watts: 176.2 W
Efficacy: 89 lm/W

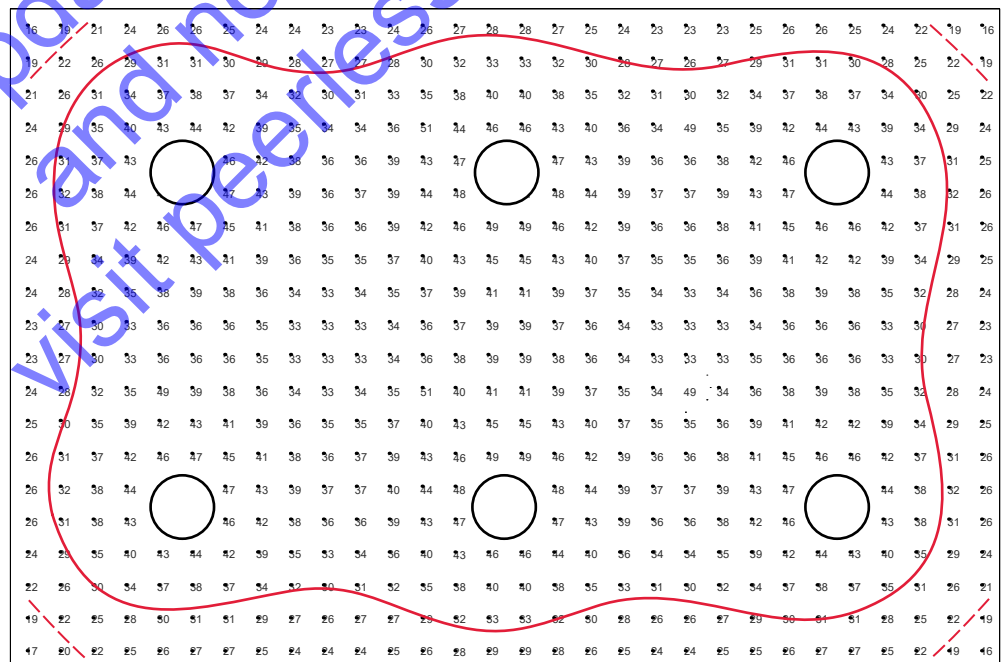
SAMPLE INSTALLATION - WORKSPACE

ATL3-48-LH-40

Room dimensions: 40' X 60' X 12'
Reflectance: 80% / 50% / 20%
Mounting height: 12 ft A.F.F.
Fixture dimensions: 48" diameter
Calculation grid: 2 ft x 2 ft
Calculation plane: Ground
Average Illuminance: 35 fc
Fixture spacing: 20 ft X 20 ft O.C.
Uniformity: 2.2 (avg/min)

TOP VIEW

30 fc —
20 fc - - -



LIGHT LOSS FACTORS (LLF)

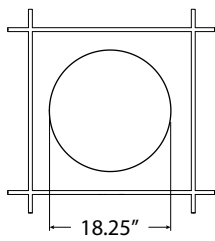
OUTPUT	CCT	DIRECT	
		20"	
		CRI 80 +	CRI 90 +
LH (high)	4000k	2,665 lm	2,353 lm
	3500k	2,609 lm	2,276 lm
	3000k	2,510 lm	2,151 lm
	2700k	2,414 lm	2,039 lm
LS (standard)	4000k	2,025 lm	1,788 lm
	3500k	1,982 lm	1,729 lm
	3000k	1,908 lm	1,634 lm
	2700k	1,835 lm	1,549 lm

Factors above for high output (LH).
For standard output (LS) -50%.

A-LIGHT LEGACY DOCUMENT

For updated documentation
and nomenclature,
visit peerlesslighting.com

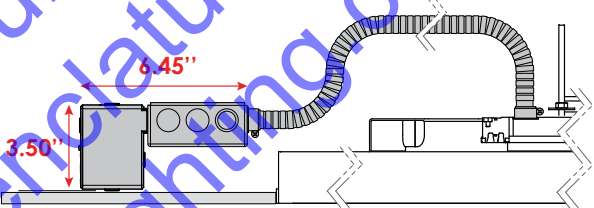
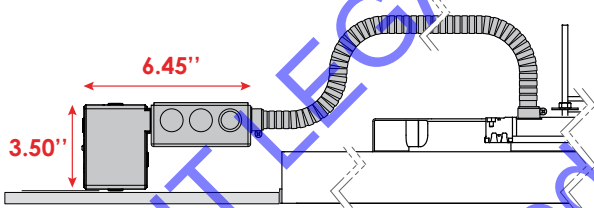
T-BAR DIMENSIONS



NLIGHT® DIMENSIONS

AIR : rPP20 Recessed

WIRED : nPP16 Recessed



*Mounted on standard 4" octagonal j-box. Fits on j-box with 5/8" knockouts
**Remote sensor only.

*Mounted on standard 4" octagonal j-box. Fits on j-box with 5/8" knockouts
**Remote sensor only.



OPTIONS A·PLENTY

With more than 72 standard options to choose from, the Atlas is so versatile that you will find your ideal configuration.

Mounting - surface, rigid stem, aircraft cable // Colors - satin white, satin black, a·lightanum // Sizes - 20", 32", 48" // Output - LED high output, standard output, and custom tuning.

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. The 20" tbar fixture features a pan that fits into a 2x2" tbar opening with a 0.25" drop from the ceiling surface. The overall tbar fixture height is 4.675".

OPTICS

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

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. Other available drivers include Lutron Eco-system H-series (LDE1); Hi-lume™ 1% LED dimming driver with Soft On, Fade to Black; and DMX and DALI protocol drivers. Other Lutron and specialty drivers available, contact factory.

EMERGENCY

Factory installed integrated fixture LED emergency battery pack for both normal and emergency operation, with the exception of the 20" fixture which must have a remote emergency battery. Unit contains long-life Ni-Cad recyclable battery, 24 hour charger, and converter circuit. Test switch and charge indicator provided. Test button installed on fixture from factory with the exception of the gyp version where to be installed remotely by others. Emergency mode provides constant power to a nominal 12W or 5W LED load for a period of 90 minutes, delivering 1200 or 550 lumens of unwavering illumination throughout the full 90 minute emergency duration. *The 32" and 20" fixtures illuminate entirely, however the 48" fixture only illuminates half of the fixture.*

CONTROLS

Low-profile integral occupancy and daylight sensors are available to deliver high performance control in an architecturally pleasing package.

Integrated nLight® for system networking wired and wireless:

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 less sensors for compatibility with an nLight Air wireless system. The rIO, rES7, rMSOD, and rCMS models are available for integration.

CONTROLS AND SYSTEM NETWORKING OPTIONS

For wired networking via Cat-5e, choose an nLight® wired module. The nIQ EZ PH, nIO EZDL CCT, nES7 and nCM are available for integration.

Other manufacturer controls may be available for product integration, contact factory.

MOUNTING

Aircraft cable set includes three 48" standard length 1/16th 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" round white canopies. Clear metallic flexible braided cable for power feed. 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 white threaded rod for suspension and power feed, standard specification length, 1" minimum provided with a round canopy same diameter as rod.

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

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 #6-32 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.

The Tbar version of the fixture has small return flange on the exterior edge of the cover plate and rests on the t-bar grid, with the coverplate base descending 0.25" from the ceiling surface.

Flush Gypsum Flange. It is recommended to have a 0.25" gap around the fixture for easy serviceability. The fixture is then mudded over and/or painted to provide a "flangeless" fixture appearance in recessed ceiling applications.

STRUCTURE

Robust, high quality precision rolled recycled aluminum extruded housing. Laser cut and precision bent sheet metal components and brackets. Approximate fixture weight, 20"=12lbs, 32"=26lbs, 48"=55lbs. For the ATL2 add an additional 0.94"lbs for driver and hardware.

FINISH

Electrostatically applied powder coat finish. Standard finish options include titanium, satin white, satin black, and textured white for t-bar version only. Other colors and custom finish options available, specify RAL# or contact factory regarding custom finish requirement.

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.

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.