

PacLights

Commercial Lighting

The
FLNTTM
TASK

Architectural Task Linear



Architectural
Task Linear

PROJECT:

DATE:

TYPE:

PREPARED BY:

**KEY FEATURES**

- Minimalist translucent optics
- Available in lengths of 4, 6 and 8 feet
- Linkable end-to-end for up to 80 ft
- Color Selectable, Suspended mounted
- Controls, and Emergency Battery Backup options

TECHNICAL SPECIFICATIONS**COMPLIANCE****UL Listed**

UL 1598 Suitable for damp locations

IESNA LM79 & LM-80 Testing

PacLights LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

LED CHARACTERISTICS**LEDs**

Long-life, high-efficacy LEDs

Correlated Color Temperature

3000K, 3500K and 4000K selectable with a dip switch

Lifespan

60,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

Color Rendering Index

80+ CRI; optional 90+ CRI

Color Uniformity

PacLights' range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017

CONSTRUCTION**Ambient Temperature / Cold Weather Starting**

Suitable for up to 50° C (122° F) ambient temperature.

The minimum starting temperature is -4 F°/-20° C

Housing / Lens

Extruded aluminum housing. Powder coat finish. Translucent Lens

Mounting Methods

Suspended mount (drywall or drop ceiling / T-grid)

Green Technology

Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

OTHER**5-Year Limited Warranty****

The PacLights 5-year, limited warranty covers light output, driver performance and paint finish.

**PacLights's warranty is subject to all terms and conditions found at paclights.com/warranty

ELECTRICAL**Drivers**

Input Voltage: 120-277V, 50-60 Hz

Power Factor : > 0.95, THD< 20%. 0-10V continuous dimming, can be dim to 10%

Wattage / Input Voltage/ Input Current

Models	Watt.	120v	208v	240v	277v
FLNT-TASK-4D	40w	0.37A	0.21A	0.19A	0.16A
FLNT-TASK-6D	60w	0.56A	0.32A	0.28A	0.24A
FLNT-TASK-8D	80w	0.74A	0.43A	0.37A	0.32A

End-to-End Linking

The fixture is equipped with a male connector on one end and a female connector on the other, connected by pre-wired 18-gauge wires, allowing for continuous runs without rewiring. Both connectors include AC, ground, and 0-10V dimming pins. The connectors are internal.

Maximum per run

The number of fixtures that can be linked depends on the total amperage and input voltage, up to 40 ft at 120v, or 80 ft at 277v.

maximum units per run

Models	120v	277v
FLNT-TASK-4D	10	20
FLNT-TASK-6D	6	13
FLNT-TASK-8D	5	10

PERFORMANCE

	Model	Lumen Package	Wattage	CCT Setting	Lumen Output
Delivered Lumens, 80+ CRI	FLNT-TASK-4D	4,400	40w	3000K	4,000
				3500K	4,400
				4000K	4,400
	FLNT-TASK-6D	6,600	60w	3000K	6,000
				3500K	6,600
				4000K	6,600
	FLNT-TASK-8D	8,800	80w	3000K	8,000
				3500K	8,800
				4000K	8,800



FEATURES

MINIMALIST TRANSLUCENT OPTICS

FLNT TASK features aesthetic ultra-thin, semi-transparent optics that elevate architectural lighting design. Its streamlined profile and soft, diffused output create a visually lightweight presence, allowing the fixture to blend seamlessly into modern interiors. Designed to deliver both task illumination and visual elegance, the FLNT TASK enhances spatial harmony without compromising performance, making it an ideal choice for designers seeking both form and function in contemporary environments.



END-TO-END LINKING

FLNT TASK is equipped with a male connector on one end and a female connector on the other, allowing for continuous runs without rewiring.



FIELD SELECTABLE COLOR (CCT)



Select the desired output of light color temperature by sliding the respective CCT Selection Switch left or right to the desired value. CCT can be adjusted to 3000/3500/4000K.

ORDERING INFORMATION

FLNT™ TASK

FAMILY	MODEL	CCT	HOUSING COLOR	OPTIONS
FLNT-TASK	—		—	

Create an ordering number by populating it with the CODE(s) listed in the tables below, following the format shown above.
Mounting, power cords and all other accessories are sold separately and must be ordered using their respective part numbers.

EXAMPLE: FLNT-TASK - 4D - 30/35/40 - WH

EXAMPLE: FLNT-TASK - 6D - 3000 - BL - EM

EXAMPLE: FLNT-TASK - 4D - 4000 - WH - WBP - 90CRI

MODEL

* Must select one. Performance see page 3.

CODE	LENGTH	WATTAGE	CODE	LENGTH	WATTAGE	CODE	LENGTH	WATTAGE
4D	4 Ft	40w	6D	6 Ft	60w	8D	8 Ft	80w

CCT

* Must select one

CODE	CCT
30/35/40	3000K/3500K/4000K Selectable
3000	3000K
3500	3500K
4000	4000K

HOUSING COLOR

* Must select one

CODE	COLOR
WH	White
BL	Black
XX	Custom (special order) CUSTOM-PAINT

OPTIONS

* Leave blank, or select any applicable. See page 6 to order parts required.

For project reference only; required parts are NOT included, order separately.
See page 6.

CODE	OPTION
EM	Emergency Battery Backup (External)
OCC	Bi-level Occupancy & Daylight Sensor (External)
WBN	Keilton Bluetooth Control (External)
WBP	Keilton Bluetooth Control w/ Dual-Sensor (External)
90CRI	90+ CRI - CUSTOM-90CRI (Special Order)



ACCESSORIES

* Order as separate part number
Create a part number by selecting the appropriate CODE(s) listed beneath each option box and assembling them according to the format shown.

POWER CORD

5-wires (L, N, G, dim+, dim-), w/ quick disconnect.
Order one per fixture, when using suspended mounting (drywall or T-grid).

EXAMPLE: AC - LNA - PR - 4BL
EXAMPLE: AC - LNA - PR - 12WH

PART#	POWER CORD LENGTH	POWER CORD FINISH
AC-LNA-PR		
	4 4 ft	WH White
	12 12 ft	BL Black

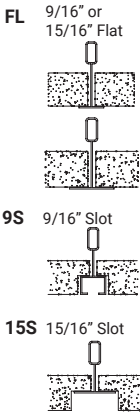
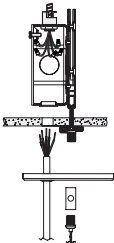
MOUNTING ACCESSORIES

T-GRID SUSPENDED MOUNTING KIT

This mounting kit allows the FLNT TASK fixture to be securely mounted to a T-grid drop ceiling. It includes: one 4-inch power feed canopy, one 2-inch non-power feed canopy, aircraft cables, T-grid mounting clips, a junction box that attaches to the clip, and all necessary installation hardware.

EXAMPLE: AC - LNA - TK - RWHFL5
EXAMPLE: AC - LNA - TK - RBL9S12

PART#	CANOPY SHAPE	CANOPY FINISH	GRID TYPE	AIRCRAFT CABLE LENGTH
AC-LNA-TK				
	R Round	WH White	FL 9/16" or 15/16" Flat	5 5 ft
	S Square	BL Black		12 12 ft



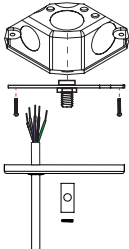
* power cord order separately. Refer to installation guide for detail.

DRYWALL SUSPENDED MOUNTING KIT

This mounting kit allows the FLNT TASK fixture to be securely mounted to a drywall ceiling. It includes: one 4-inch power feed canopy, one 2-inch non-power feed canopy, aircraft cables, and all necessary installation hardware.

EXAMPLE: AC - LNA - DK - RBL5
EXAMPLE: AC - LNA - DK - SWH12

PART#	CANOPY SHAPE	CANOPY FINISH	AIRCRAFT CABLE LENGTH
AC-LNA-DK			
	R Round	WH White	5 5 ft
	S Square	BL Black	12 12 ft



* junction box not included; power cord order separately. Refer to installation guide for detail.

EXTERNAL EMERGENCY BATTERY BACKUP

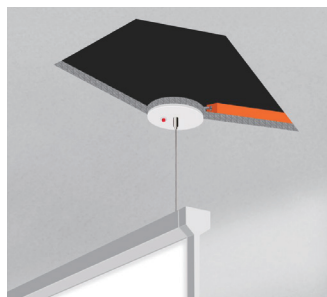


An external emergency battery backup (field-installed) can be used when a FLNT TASK fixture is intended to operate during a power outage. Input voltage 120-277v, Emergency Run Time > 90 mins.



PART#	WATT	MAX EMERGENCY LUMEN
EMC-30	30w	up to 4,500 Lumen
EMC-40	40w	up to 6,000 Lumen
EMC-60	60w	up to 8,800 Lumen

Emergency lumen is limited by the maximum output of the fixture.



BI-LEVEL OCCUPANCY & DAYLIGHT SENSOR, FOR SUSPENDED MOUNT



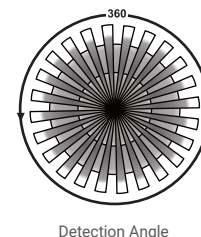
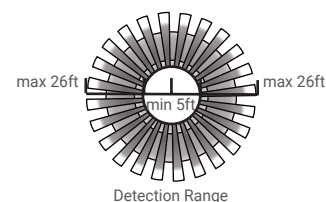
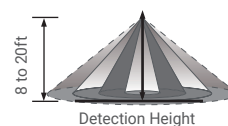
The power feed canopy can be replaced with a High Frequency Microwave Occupancy & Daylight Sensor canopy assembly, enabling bi-level dimming with motion detection and daylight sensing capabilities.

PART#

AC-LNA-OCC

Specification *default setting

Sensitivity	25%/50%/75%/100%*
Hold Time (before dim)	10s*/1min/5min/15min
Daylight Threshold	10 lux / 30 lux* / 50 lux, or Disable
Stand-by Time(before turn off)	1min/30min/60min*, or Never
Stand-by Dimming Level	0%/10%/30%/50%
Detection Height	up to 20ft
Detection Radius	up to 26ft



BLUETOOTH CONTROLS, FOR SUSPENDED MOUNT



Network Lighting Controls (NLC) offer Luminaire Level Lighting Control (LLLC) based on Bluetooth-enabled Mesh Networking of Luminaires. Individual addressability enables luminaires to be communicated with each other within the zone/network. Luminaires can be grouped, trim and controlled by using the smart device app or connected wall switches. Scheduling, scene and sensors can be added for automation among the lights within the zone/group.

The power feed canopy can be replaced with a Bluetooth Control canopy assembly, enabling bluetooth wireless control and optional motion detection and daylight sensing capabilities.

PART#

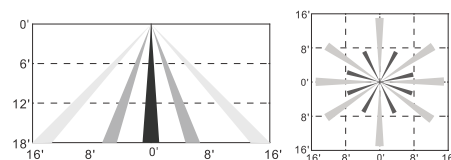
FUNCTION

AC-CANOPYWBN

Wireless bluetooth networked control

AC-CANOPYWBP

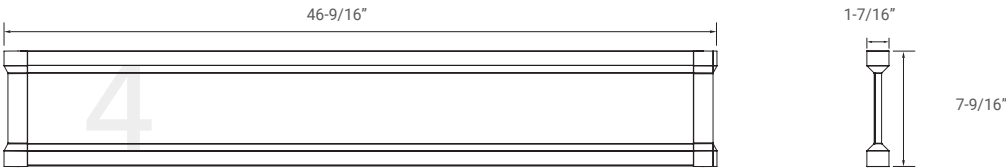
Wireless bluetooth networked control with PIR occupancy and daylight harvesting sensor



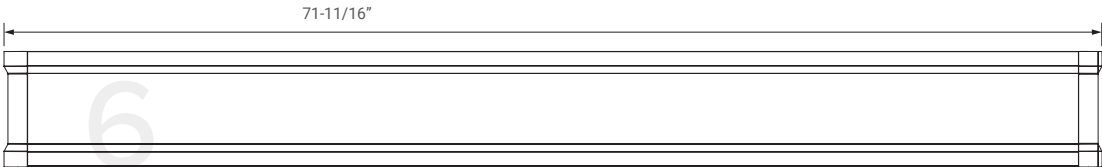
Detection Range, 16ft Height Installation

DIMENSIONS

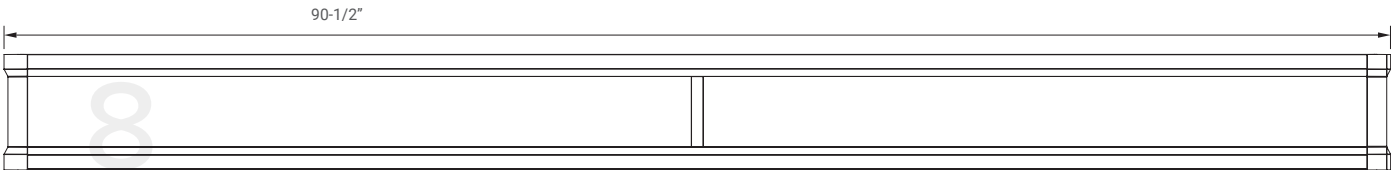
FLNT-TASK - 4D



FLNT-TASK - 6D

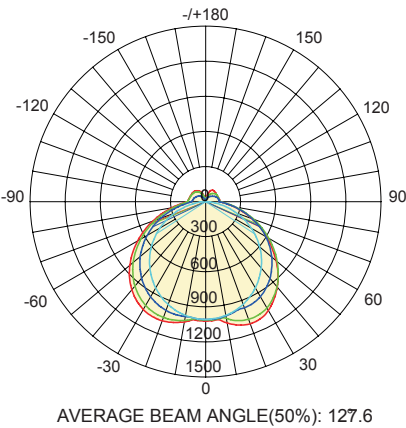


FLNT-TASK - 8D



PHOTOMETRICS

FLNT-TASK - 4D, 4000K, 40W



Lumens: 4207.22 Lm
Watts: 40 W
LPW: 109.62 Lm/W
CCT: 4000K

UNIT: cd
— C0/180,133.5°
— C30/210,133.5°
— C60/240,129.7°
— C90/270,113.6°

Zona I Flux Diagram					
Y	0	45	90	135	180
10	1053	996.2	987.9	1012	1043
20	1112	1025	935.3	1018	1084
30	1075	1000	851.2	979.0	1066
40	952.5	915.2	739.6	893.5	983.6
50	787.0	783.7	604.5	766.6	847.0
60	604.9	620.6	449.1	605.5	672.5
70	416.6	440.5	278.3	424.8	478.8
80	242.5	258.5	110.0	247.3	289.8
90	123.9	130.3	2.740	143.7	159.0
100	120.5	119.6	3.909	133.9	146.8
110	113.3	116.8	3.829	126.0	141.1
120	112.3	109.1	3.944	117.6	138.0
130	113.7	92.03	4.770	106.0	134.2
140	118.4	77.33	2.787	89.37	124.8
150	116.1	59.57	3.139	66.65	103.9
160	87.65	43.48	3.301	37.76	67.08
170	21.87	20.75	3.302	4.479	15.56
180	2.967	3.143	3.211	3.161	2.963
DEG	LUMINOUS INTENSITY:cd				

Zona I Lumens	
Y	φ total
0-10	96.00
10-20	384.0
20-30	846.1
30-40	1431
40-50	2063
50-60	2662
60-70	3155
70-80	3491
80-90	3668
90-100	3787
100-110	3896
110-120	3991
120-130	4071
130-140	4133
140-150	4176
150-160	4199
160-170	4207
170-180	4207
UNIT: lm	

Luminance cd/(m2)		
DEG	0/180	90/270
85	67852	17105
80	48154	21840
75	43431	25467
70	42007	28059
65	41821	29829
60	41716	30971
55	41730	31807
50	42217	32429
45	42641	32896

NETWORKED CONTROLS MADE EASY

Keilton+autani Networked Controls, a DLC® Qualified Networked Lighting Controls Product, make it easy for facilities to save energy, improve occupancy comfort and achieve code compliance by adding Luminaire Level Lighting Controls (LLLC) to indoor and outdoor applications. It allows for easy field installation of sensors and network nodes with selected PacLights controls ready fixtures. Using the Keilton app, nodes can be commissioned without the need for a gateway or internet access.

Keilton
+ autani



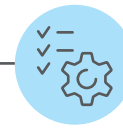
A Cost-Effective Decentralized Architecture

Direct Mobile Device Provisioning

Best-In-Class Scale, Performance & Reliability



INSTALL



COMMISSION



CONTROL



LEARN MORE, VISIT
www.paclights.com/NLC



FEATURES

- Luminaire Level Lighting Control (LLLC)
- Bluetooth-enabled Mesh Networking of Luminaires and Devices
- Individual Addressability, address individual or multiple luminaires
- High-end and Low-end Trim
- Zoning & Grouping
 - ◊ Add and control up to 100 devices per zone
 - ◊ Add unlimited zones to scale for bigger installation
 - ◊ Create unlimited groups (combination of sensor or network nodes) within a zone
 - ◊ Link and control the whole group or zone
- Scene control
 - ◊ Create and link scenes to individual lights or groups within a zone
 - ◊ Select scene with App or wall switch
- Time Scheduling for individual lights, groups or scenes
- Sensors integrated with BLE, occupancy and daylight sensing
- Multi-level Dimming, Daylight Harvesting and Occupancy controls
- Manual/Automatic ON/OFF and Automatic partial ON/OFF control capability
- Control with wireless wall switch or smart device
- Secure commissioning with Keilton App
- Up to 100 ft node-to-node and 50 ft node-to-device
- Demand Response option (works with OpenADR gateways)
- Controlled 120v 20A Receptacle available
- Other control features to meet code compliance



Keilton+autani and its logo is a trademark of Litetrace; **PacLights** and its logo is a trademark of PacLights, LLC
DLC and its logo is a trademark of DesignLights Consortium.
Keilton is the qualified system name listed on the DLC Networked Lighting Controls QPL.



Bluetooth Control Canopy Assembly

NETWORKED CONTROLS for FLNT TASK

PacLights

PART#

AC-CANOPYWBP

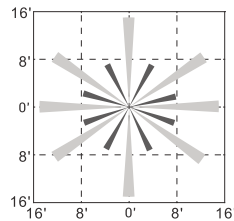
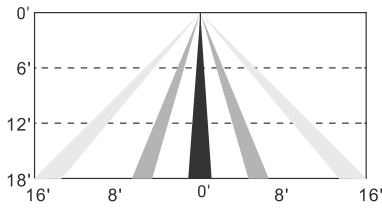
Wireless bluetooth networked control
with PIR occupancy and daylight harvesting sensor



PART#

AC-CANOPYWBN

Wireless bluetooth networked control



Detection Range on
16ft Height Installation

WORKS WITH WIRELESS CEILING SENSOR



PART# KEILTON-CS107D

Dual Tech (PIR & Ultrasonic) & Daylight Sensor
120-277v, Bluetooth Networked



PART# KEILTON-BCS107

PIR & Daylight Sensor
Battery Powered, Bluetooth Networked



PART# KEILTON-CS107S

PIR Sensor
120-277v, Bluetooth Networked

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