

## Features

- Fully networked LiFi system providing end-to-end IP connectivity
- Full-duplex wireless link providing up to 43 Mbps in downlink and uplink
- A single access point (AP) supports up to 8 stations (STAs)
- PoE/PoE+ and Cisco UPOE support
- Capable of working with a range of LED luminaires
- TR-069 remote management as well as SNMP v3
- DALI building management support
- Analog dimming control interface
- EnergyWise support
- Proprietary protocol for power management/dimming
- pureLiFi user roaming between APs on the same subnet
- USB 2.0 powered STA unit allows complete mobility
- Supports WPA2-Personal and Enterprise (802.1X) authentication
- Compact design for improved mobility and handling
- Link status

**Downlink rate: 43 mbps**

**Uplink rate: 43 mbps**

## Benefits



Secure



No Interference



Data Density



Location Services



Efficiency



Smart Lighting

## Next Steps

Visit [www.purelifi.com](http://www.purelifi.com) or talk to your account manager to learn how you can harness light to power your connectivity needs.

# At-a-Glance: Data Sheet

## Access Point

Parameter	Nominal Value	Unit
Supply voltage	27 - 57	VDC
Data interface	Gigabit Ethernet Port	-
Driver box interface	10-way Micro-Fit 3.0 connector	-
Power input	2-way Microfit 3.0 connector	-
Stand-by power consumption	4	W
Max. active power consumption	8	W
Remote management	TR-069, SNMP v3	-
Status LED indicator	Tristate - red, orange, green	-
Unit size	88 x 88 x 20	mm
Unit weight	200	g
Operating Temperture	0 - 35	°C
Humidity (Non-condensing)	20 - 95	%

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## TX Driver

Parameter	Nominal Value	Unit
Min lamp voltage	2	VDC
Max lamp voltage	55	VDC
Max DC lamp current	700	mA
AP interface	10-way MicroFit-3.0 connector	-
Lamp connector	3-way push-in	-
Lamp wire cross-section area	0.05 - 1.31	mm <sup>2</sup>
Lamp wire gauge	30-16	AWG
Stand-by power consumption	4 (excluding lamp)	W
Max. active power consumption	4.2	W
Unit size	74 x 55 x 32	mm
Unit weight	124	g
Operating Temperature	-10 - 45	°C

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## Complete System

Parameter	Nominal Value	Unit
Downlink line rate (max.):	43	Mbps
Uplink line rate (max.):	43	Mbps
Minimum operational distance	1.0	m
Maximum operational distance	6.0	m
Maximum concurrent users	8	-
Inter-AP handover (roaming)	Supported	-
Atto-Cell Diameter @ 2.5m range	2.8	m

## Station

Parameter	Nominal Value	Unit
Data interface	USB 2.0	-
Max. power consumption	2.5	W
Unit Size	85 x 29.4 x 10.2	mm
Unit weight	42	g
Operating temperature	0 - 35	°C
Humidity (Non-condensing)	20 - 95	%

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for more information about LiFi visit

[www.pureLiFi.com](http://www.pureLiFi.com)

