
DOTOO.FIT

POWER OVER ETHERNET (POE) RECESSED PANEL LUMINAIRE



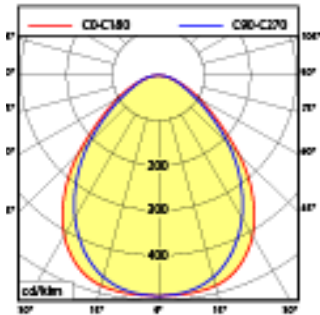
DOTOO.fit , Waldmann's LED recessed panel luminaire, provides efficient illumination of workplaces and rooms that have a particularly flat design with a uniform, homogenous direct light using edge-light and light-guide technology. The versatile, simple ceiling integration meets both national

and international standard dimensions, various ceiling cut-outs and mounting situations. LUM CONNECT VTL, biodynamic light control, that mimics the changes in sunlight that occur with the course of the day, can also be implemented with this fixture. (Accessories: Controller NET Module required).

recessed panel luminaire DOTOO.fit



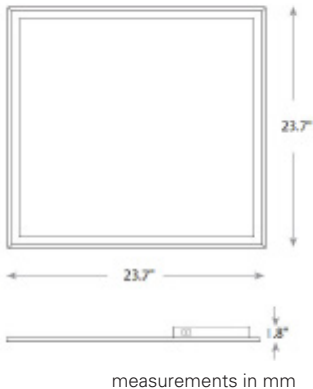
Luminous Intensity



fitted with	LED
work equipment connected load	Molex PoE
power consumption	approx. 25 W
luminous flux	approx. 3125 lm
luminous efficacy	approx. 125 lm/W
light distribution	direct
direct ratio	100 %
light color	3500K, 4000K, 5000K, VTL (3000-5000K)
color rendering index (CRI)	> 80
consistent white light of glare-free	< 3 SDCM conical prismatic screen
luminance	< 3000 cd/m ²
unified glare rating system of protection class of protection	< 19 IP 20
technology usage	II
luminaire body	on board PoE driver
weight (net)	sectional aluminium, white
mains supply	approx. 4.4 kg (9.7 lbs)
special features	connector Direct light component with edge light and light-guide technology for homogenous light exit.

DOTOO	-	FIT	-	-	-	POE	-	W
Type		Ceiling Grid	Distribution	Size	CCT	Voltage		Color
			Direct Only - D	2x2 - 2 2x4 - 4	3500K - 35 4000K - 40 5000K - 50 3000-5000K - VTL			

Dimensions



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Waldmann 
ENGINEER OF LIGHT.



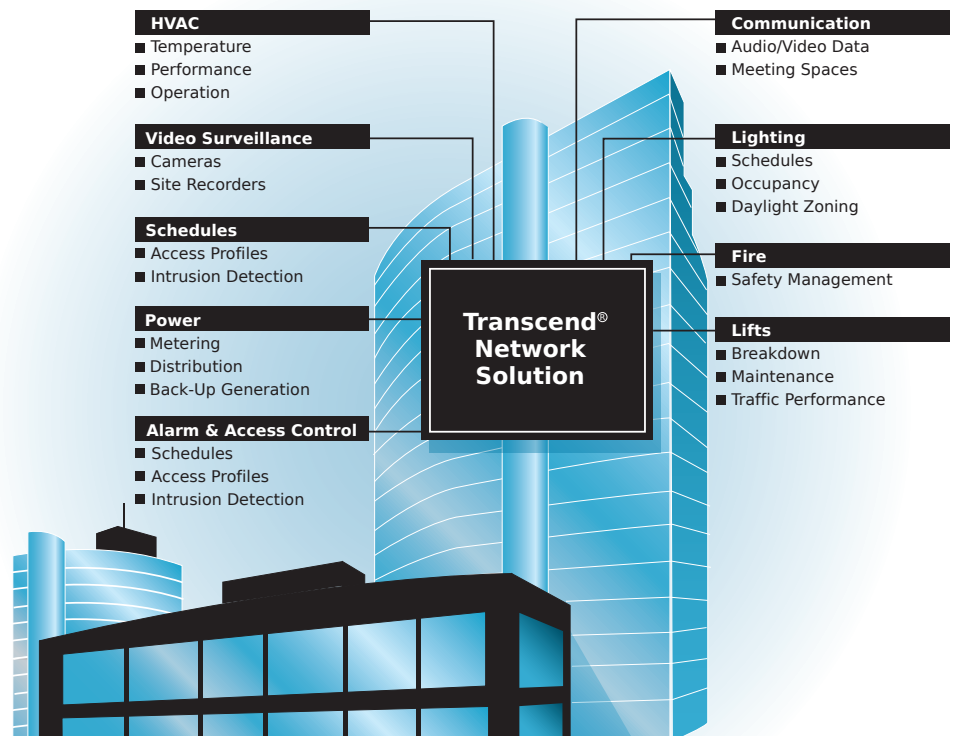
A NEW LIGHTING PARADIGM >

Lighting as a Service for Integrated Smart Buildings

The ability to migrate lighting controls to IP-based infrastructure makes lighting a service and an IoT building asset that can be controlled synergistically along with other building functions.

More integration means not only better control, but also more data and information being collected by a distributed sensor system as part of the lighting network.

Transcend Network Connected Lighting will dramatically accelerate the integration of the IoT into commercial buildings.

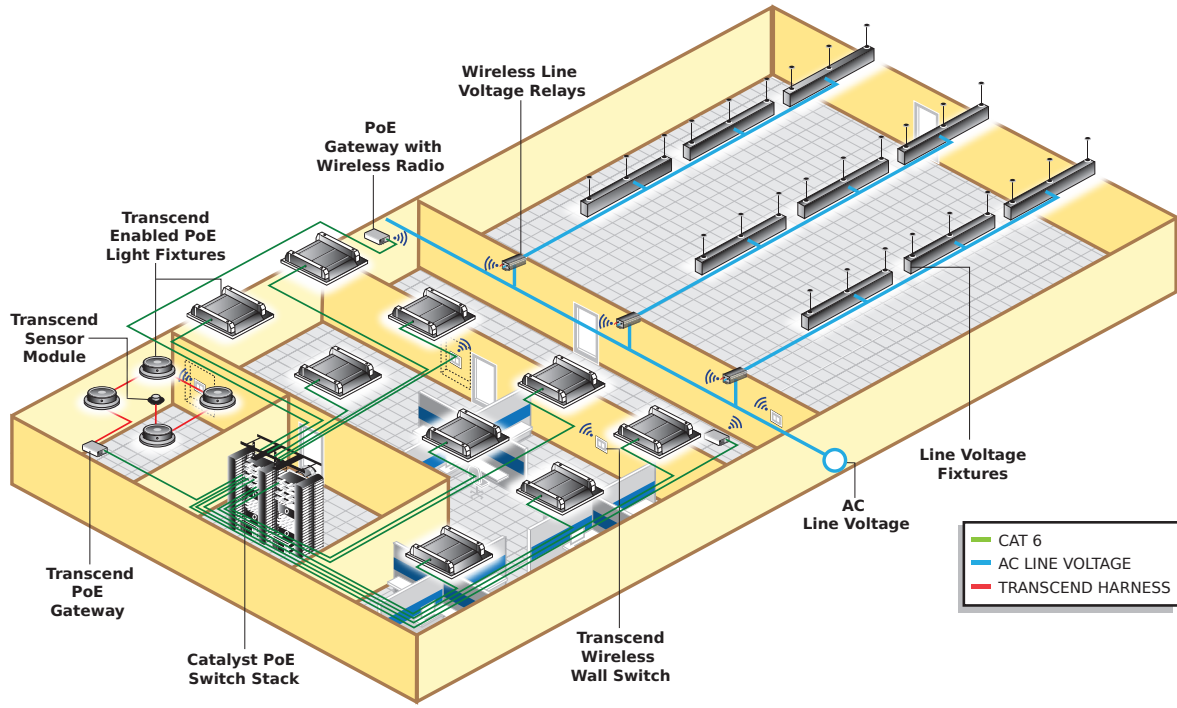


WHY MOLEX: Together with leading construction engineering firms, Molex designs and optimizes solutions to improve operational efficiency and performance and to enhance occupant experience and productivity in offices, learning or healthcare facilities, hospitality, retail settings, industrial buildings, and others.

In the important area of LED lighting, we have worked with lighting fixture innovators and leaders, lighting designers and architects to develop connected solutions that define a new level in sustainability, ROI, property value and brand recognition.

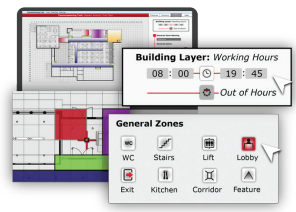


TRANSCEND® SYSTEM ARCHITECTURE >



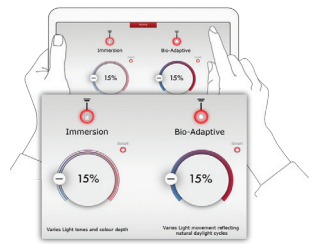
Transcend Smart Building Manager

DESIGN



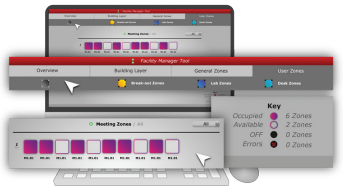
- Define spaces
- Fixtures
- Sensors
- Create zones
- Schedules

CONTROL



- Responsive control
- Dynamic scenes
- Intuitive user interfaces

MANAGE



- Live data feedback
- Light status
- Building overview
- User zones

REPORT



- Energy savings
- Occupancy status
- Building analytics



A FULL SYSTEM SOLUTION WITH THE TRANSCEND ALLIANCE >

LIGHTS

With the freedom to choose from a large variety of lighting fixtures through the Transcend Alliance Partnership, the Molex Transcend Network Connected Lighting System offers unique flexibility to meet lighting requirements without compromising aesthetics.



GATEWAYS

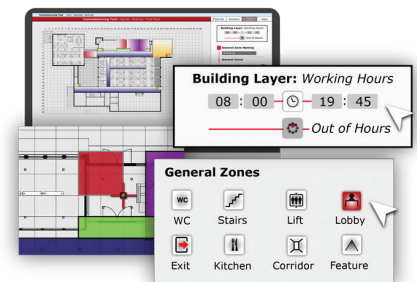
At the heart of the Transcend system, the PoE Gateway distributes power and connects luminaires, sensors and other devices to the Transcend Manager. Each Gateway is connected to a Cisco® switch port with a Category cable, capable of receiving 60 watts using four pairs.

NETWORK EQUIPMENT

As a Cisco® Solution Technology Integrator, Molex integrates Cisco switches into the Transcend system.

TRANSCEND MANAGER

The Transcend Lighting Software Tool-set, leveraging amBX Smart Core technology, provides support during the complete lifecycle of a smart lighting control system, from design and installation to live operation and building maintenance. When compared to traditional methods, the Transcend Light Tool-set provides effective lighting in a fraction of the time.



SENSORS

Transcend Lighting Control provides an array of applications that enable the digital building. These applications feed multi-sensor information and data to a central host providing building analytics and applications: real time energy consumption, light status, temperature and humidity, occupancy, air quality, plus many more use cases.



LUX LEVEL



PRESENCE



AIR QUALITY



POWER



COLOR TEMP

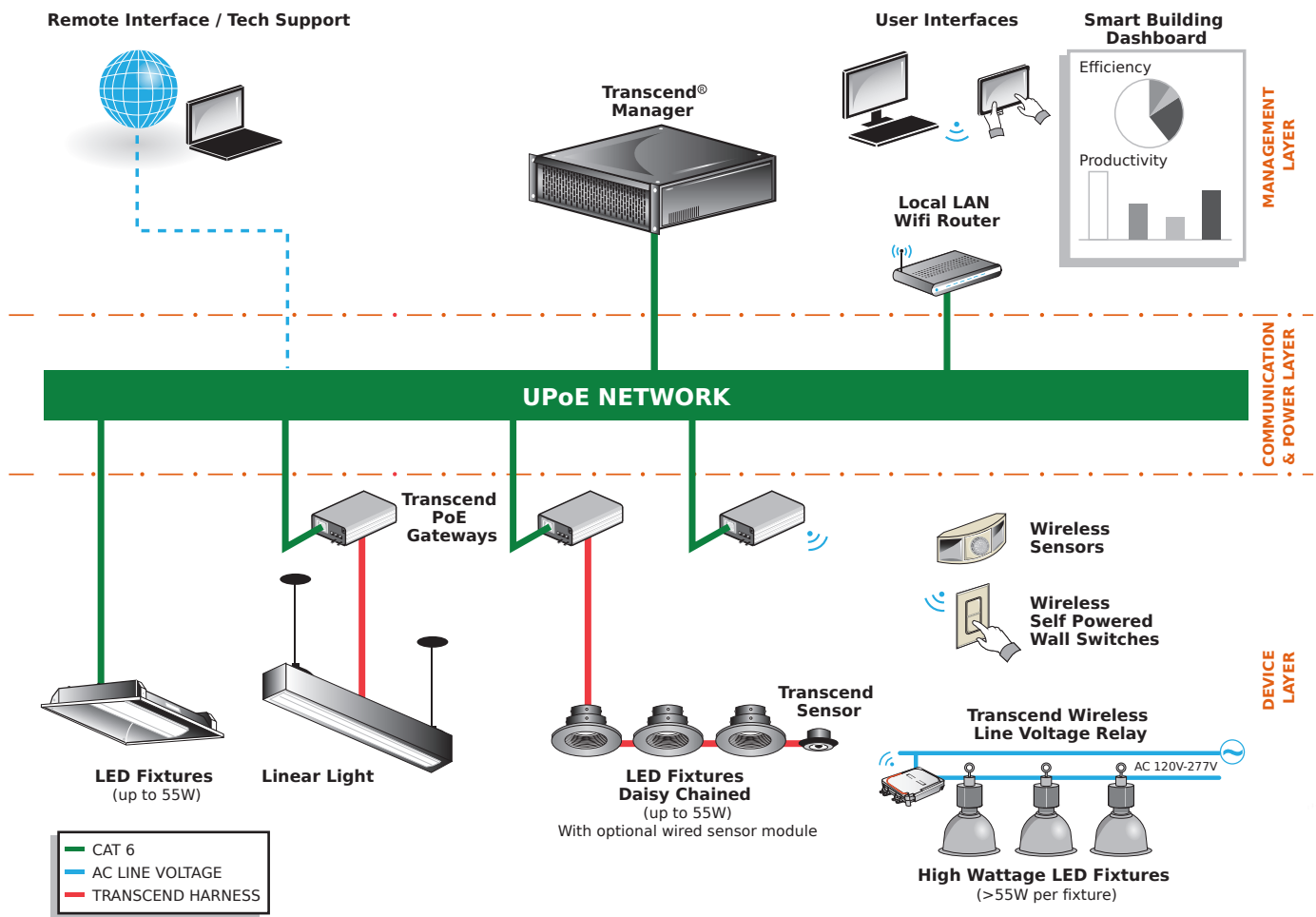


ON/OFF



TEMPERATURE & HUMIDITY

TRANSCEND® SYSTEM ARCHITECTURE



WHY PoE LIGHTING?

- Power and data over single-layer infrastructure
- Safe and cost effective to install
- Based on Ethernet standard
- Future proof and upgradable
- Human centric control with tunable luminaires
- Lights can be used to communicate information to users
- Can be integrated with other systems
- Highly secure
- Creates the possibility for new data analytic schemes

