

INSPIRED BY NATURE
DRIVEN BY TECHNOLOGY



About us

Quantum Star Lighting is a long established company respected and recognized as one of the pioneers and leading suppliers of Architectural Dimming / Lighting Control System, Energy Management System, LED Lighting System & Home Automation System. We are respected and recognized all around the world with engineering capabilities to meet any market standards as well as custom made products.

We possess many years of working as a professional partner with electrical consultants, contractors, architects and lighting designers. The diversity of our skill is reflected in the nature of the projects that we have been involved in with a unique understanding of the current design trends and the specific demand of the architectural interior design which made us ideal partners in the sector.

To maintain our position at the forefront of Dimming / Lighting Control Systems, We had kept R & D as our top Priority and offering many advanced customized art products which are now internationally acclaimed as the pinnacle of customized design & construction of prestigious projects. The software is continuously enhanced to meet the ever changing demands and requirements according to the customer's needs.

To meet the strenuous requirements of the continually expanding Middle East market, full local sales and support is provided by our regional office in Dubai.

We are specialized in:

- Dimming / Lighting Control Systems
- LED Lighting Solution
- Energy Management Systems
- Smart Home Automation Systems

CONTENTS

Product and Services

We Can Provide the Following Solution

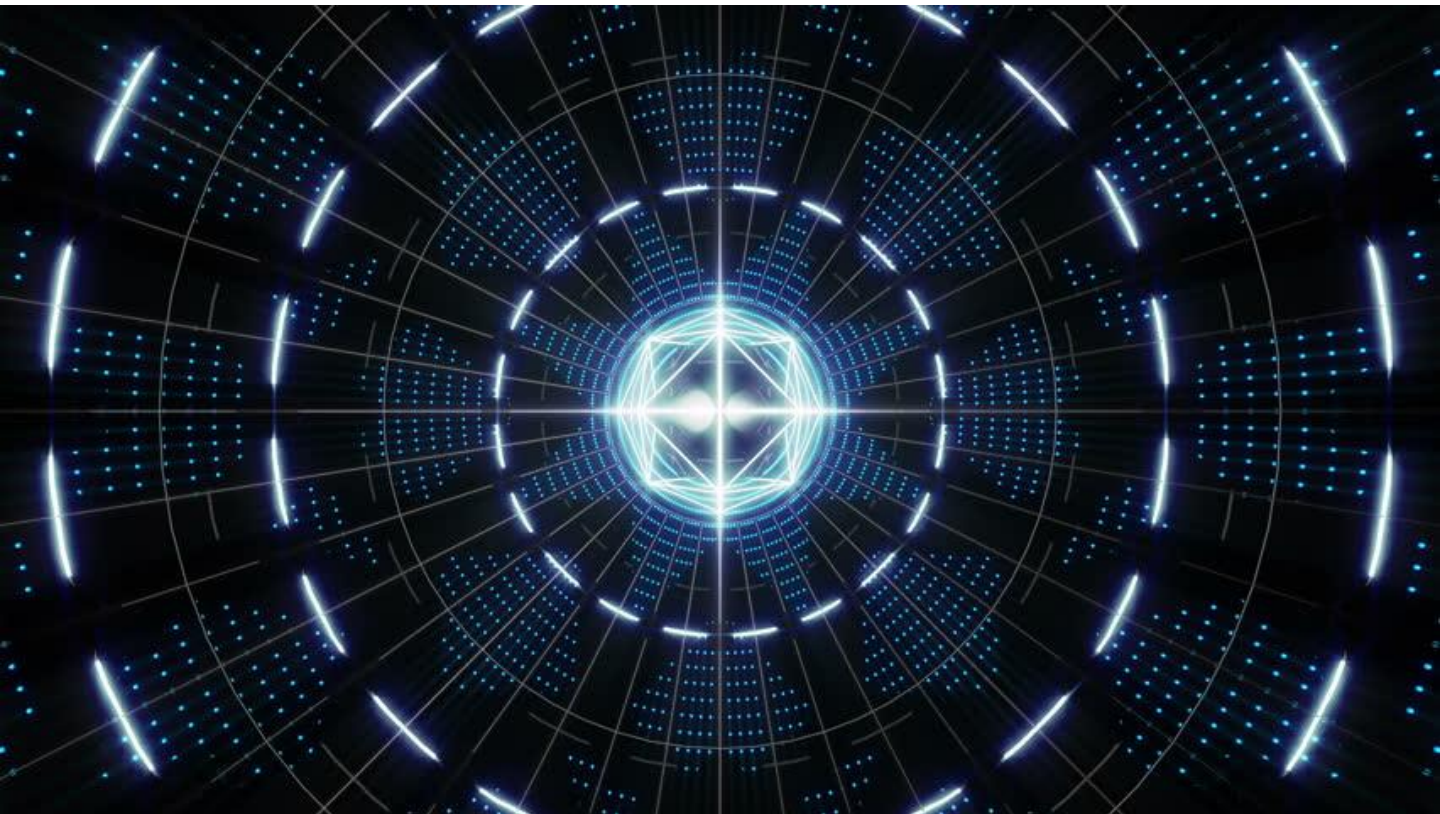
1. Dimming/Lighting Control System
2. Energy Management System
3. LED Lighting Solution
4. Schematic's

Our Control System Brand's

1. MDT Technology
2. Helvar
3. Philips Dynalite
4. Anytronics
5. EPV Electronic

Our LED Lights Brand's

1. Brightgreen
2. Pro LED
3. Super Light



Ranga Yogeshwar presents the TOP 100 Innovation Award for the fourth time in a row

This year MDT technologies belongs again to the most innovative companies of the German mid-sized companies. This was the result of the analysis of the scientific director of TOP 100, Prof. Dr. Nikolaus Franke. Ranga Yogeshwar presented the coveted TOP 100 Innovation Award for the fourth consecutive time in the Frankfurter Jahrhunderthalle at 28th June 2019.

Switch Actuators - Our Switch Actuators AKI (Heavy C-loads)



Description

The MDT Switch Actuator receives KNX/EIB telegrams and switches up to 12 independent electrical loads. Each output uses a bistable relay and can be operated manually via a push button. A green LED indicates the switching status of each output.

AKI-0416.03	Switch Actuator 4-fold	4SU MDRC, 230VAC, 16/20A, C-Load 200µF
AKI-0816.03	Switch Actuator 8-fold	8SU MDRC, 230VAC, 16/20A, C-Load 200µF
AKI-1216.03	Switch Actuator 12-fold	12SU MDRC, 230VAC, 16/20A, C-Load 200µF

Dimming Actuators and 1-10V



Description

The MDT Dimming Actuator receives KNX/EIB telegrams and dims/switches up to 4 independent electrical loads. Each output can be operated manually via a push button.

AKD-0201.02	Dimming Actuator 2-fold	3SU MDRC, 230VAC, 250W
AKD-0401.02	Dimming Actuator 4-fold	6SU MDRC, 230VAC, 250W
AKD-0410V.02	Control Device 4-Fold	4SU MDRC, 1-10V, with RGBW functionality

Dali Control Gateway DALI16/32/64



Description

The MDT Dali Control Gateway is the interface between DALI lights and the KNX installation and offers many new possibilities, such as the light control in the HSV colour space.

SCN-DALI16.03	DaliControl Gateway with HSV control	4SU MDRC, up to 64 ECG in 16 channels/light groups
SCN-DALI32.03	DaliControl Gateway with HSV control	4SU MDRC, up to 128 ECG in 32 channels/light groups

Bus Power Supplies with diagnostic function



Description

The MDT KNX Power Supply with integrated choke supplies the KNX Bus with a constant, stabilized 30VDC voltage. The integrated bus coupling unit with diagnostic function monitors the bus voltage, bus current, bus overload and bus voltage failure/return. The current operating status is indicated via 8 colored LED on top of the device:

STC-0640.01	Bus Power Supply with diagnostic function	4SU MDRC, 640mA
STC-0960.01	Bus Power Supply with diagnostic function	6SU MDRC, 960mA
STC-1280.01	Bus Power Supply with diagnostic function	6SU MDRC, 1280mA

KNX Time switch

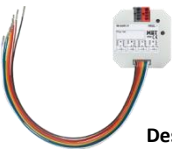


SCN-RTC20.01	Time Switch with LCD display	6SU, with 20 channels. 6 cycle times each channel
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Description

The MDT Time switch with 20 channels (6 cycle times each channel) has a daily/weekly/astro switching function and an adequate power reserve if the bus voltage fails. The cycle times of the single channels are adjustable by the ETS or can be set directly at the device. The large LCD display for comfortable handling allows direct switching of the 20 channels (Manual Mode).

Universal Interface



Description

The inputs of the MDT Universal Interface react depending on their programmed parameters and send a telegram on the KNX bus. You can connect conventional push-buttons or auxiliary contacts (e.g. door and window contacts) to the device.

BE-02001.01	Universal Interface 2-fold	Flush mounted, to connect potential free contacts, with LED output
BE-04001.01	Universal Interface 4-fold	Flush mounted, to connect potential free contacts, with LED output
BE-06001.01	Universal Interface 6-fold	Flush mounted, to connect potential free contacts, with LED output
BE-02230.01	Universal Interface 2-fold	Flush mounted, for 230VAC signals

Visu Control Easy object server



Description

The MDT VisuControl Easy object server is used for the visualisation of the current building status and to control building functions via iOS app.

VC-EASY.02	Object server with iPhone/iPad App	2SU MDRC
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Glass Push Buttons II Smart



BE-GT20W.01

Description

The MDT Glass Push Button II Smart releases KNX telegrams after touching the sensor areas on top, 1 or 2 Button operation can be adjusted. The device provides extensive functions like switching of lighting, operation of blinds and shutters, contact type and block communication objects for each channel. The Glass Push Button has 4 integrated logical modules.

The Glass Push Button II Smart has a large, coloured active display to indicate function and status. Up to 12 functions on 2 or 3 levels (2x6 or 3x4 functions) can be parameterized. The Glass Push Button II Smart can be also used as 6-fold push button without function levels. (From Hardware Revision 2.0).



Glass Central Operation Unit Smart



BE-GBZW.01

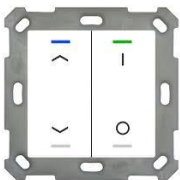
Description

The Central Operation Unit Smart combines a large number of functions in one device and serves as a central control unit for your Smart Home. The integrated astronomical timer moves the blinds up in the morning automatically and down again after sunset. In addition, the outdoor lighting and the basic lighting are switched on in the house at sunset until midnight. All timer functions and switching times are individually adjustable.

You can for example set the comfort temperature individually for all rooms, or activate automatic shading via the menu control. You can also lock your blinds for window cleaning or activate your KNX alarm system via the integrated code lock.

Four sensor surfaces are available for selected direct operating functions. Twenty further functions can be controlled via menu and/or time switch. Overall, all functions can be operated intuitively and conveniently with the 6 sensor surfaces. The large active colour display shows indoor/outdoor temperature, temperature set points, date/time, sunrise/sunset, clear text and alarm messages are visualized. The Glass Central Operation Unit Smart is the ideal complement to the Glass Push Button II Smart. The recommended mounting height is 1,6m.

Push Button Lite 55



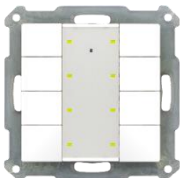
Description

The MDT Push Button Lite 55 releases KNX telegrams after pressing the buttons, 1 or 2 Button operation can be programmed.

Each button has two RGBW status LEDs. In addition to switching, dimming, shutters or sending values, numerous functions are available. The Push Button Lite 55 has 4 integrated logic blocks.

BE-TAL5501.01	Push Button Lite 55	1-fold, white glossy finish, Version NEUTRAL
BE-TAL55T1.01	Push Button Lite 55	1-fold, white glossy finish, Version NEUTRAL, with temperature sensor
BE-TAL5501.A1	Push Button Lite 55	1-fold, white glossy finish, Version UP/DOWN symbol
BE-TAL5501.B1	Push Button Lite 55	1-fold, white glossy finish, Version I/O symbol
BE-TAL55T1.B1	Push Button Lite 55	1-fold, white glossy finish, Version I/O symbol, with temperature sensor
BE-TAL5502.01	Push Button Lite 55	2-fold, white glossy finish, Version NEUTRAL
BE-TAL55T2.01	Push Button Lite 55	2-fold, white glossy finish, Version NEUTRAL, with temperature sensor
BE-TAL5502.A1	Push Button Lite 55	2-fold, white glossy finish, Version UP/DOWN symbol
BE-TAL5502.B1	Push Button Lite 55	2-fold, white glossy finish, Version I/O symbol
BE-TAL55T2.B1	Push Button Lite 55	2-fold, white glossy finish, Version I/O symbol, with temperature sensor
BE-TAL5502.C1	Push Button Lite 55	2-fold, white glossy finish, Version UP/DOWN und I/O symbol
BE-TAL55T2.C1	Push Button Lite 55	2-fold, white glossy finish, Version UP/DOWN und I/O symbol, with temperature sensor

Push Button



Description

The MDT KNX Push Button releases KNX telegrams after pushing the buttons on top.

BE-TA5502.G1	Push Button 2-fold	BE-TA5502.01	Push Button 2-fold
BE-TA5504.G1	Push Button 4-fold	BE-TA5504.01	Push Button 4-fold
BE-TA5506.G1	Push Button 6-fold	BE-TA5506.01	Push Button 6-fold
BE-TA5508.G1	Push Button 8-fold	BE-TA5508.01	Push Button 8-fold
BE-TA55P2.G1	Push Button Plus 2-fold	BE-TA55P2.01	Push Button Plus 2-fold
BE-TA55P4.G1	Push Button Plus 4-fold	BE-TA55P4.01	Push Button Plus 4-fold
BE-TA55P6.G1	Push Button Plus 6-fold	BE-TA55P6.01	Push Button Plus 6-fold
BE-TA55P8.G1	Push Button Plus 8-fold	BE-TA55P8.01	Push Button Plus 8-fold

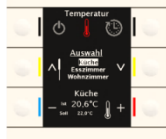


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Motion Detectors

BE-BZS86.01	Central Operation Unit Smart 86	Plastic White glossy finish, with colour display and 6 push buttons, Temperature sensor
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Description

The Central Operation Unit Smart 86 combines a large number of functions in one device and serves as a central control unit for your Smart Home. The integrated astronomical timer moves the blinds up in the morning automatically and down again after sunset. In addition, the outdoor lighting and the basic lighting are switched on in the house at sunset until midnight. All timer functions and switching times are individually adjustable.

You can for example set the comfort temperature individually for all rooms, or activate automatic shading via the menu control. You can also lock your blinds for window cleaning or activate your KNX alarm system via the integrated code lock.

Four sensor surfaces are available for selected direct operating functions. Twenty further functions can be controlled via menu and/or time switch. Overall, all functions can be operated intuitively and conveniently with the 6 sensor surfaces. The large active colour display shows indoor/outdoor temperature, temperature set points, date/time, sunrise/sunset, clear text and alarm messages are visualized. The Central Operation Unit Smart 86 is the ideal complement to the Glass Push Button II Smart. The recommended mounting height is 1,6m.

Presence Detectors



Description

The MDT Presence Detector is available in several versions, Presence Detector with light sensor and Presence Detector with light sensor plus constant level light intensity. The Presence

SCN-P360D4.02	Presence Detector, 4 sensors	Light sensor (Coverage 16m Ø, Presence 8m Ø)
SCN-P360K4.02	Presence Detector, 4 sensors	Light sensor, constant light (Coverage 16m Ø, Presence 8m Ø)
SCN-P360D3.02	Presence Detector, 3 sensors	Light sensor (Coverage 11m Ø, Presence 5m Ø)
SCN-P360K3.02	Presence Detector, 3 sensors	Light sensor, constant light (Coverage 11m Ø, Presence 5m Ø)
SCN-P360D1.01	Presence Detector, 1 sensor	Light sensor (Coverage 6m Ø, Presence 4m Ø)
SCN-P360R3.01	Mounting frame Slimline	For Presence Detectors with 3 sensors
SCN-P360R4.01	Mounting frame Slimline	For Presence Detectors with 4 sensors
SCN-G360K3.02	Glass Presence Detector, 3 sens.	Light- and temp. sensor, constant light (Coverage 11m, Presence 5m)
SCN-G360D3.02	Glass Presence Detector, 3 sens.	Light- and temp. sensor (Coverage 11m, Presence 5m)

Detectors captures the smallest movements with 1-4 pyro sensors and high resolution lens.

Motion Detectors

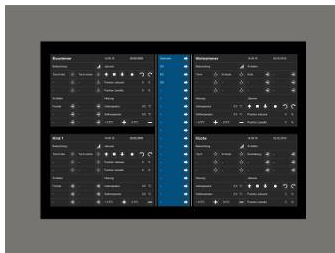
SCN-BWM55.01	Motion Detector, 2 pyro detectors and 1 light sensor, White matt finish	Flush mounted, Range 6-10m Ø
SCN-BWM55.G1	Motion Detector, 2 pyro detectors and 1 light sensor, White glossy finish	Flush mounted, Range 6-10m Ø



Description

The MDT Motion Detector with light sensor captures the smallest movements with its built-in pyro detectors and high resolution lens. After motion detection and below an adjusted brightness value a 1Bit („1“) telegram or 1Byte dimming value (0...100%) is sent to the bus. The sensitivity is adjustable in 10 steps. If there is no movement a 1Bit („0“) telegram or 1Byte dimming value (0...100%) is sent to the bus after an adjustable follow up time.

Visu Control Touch panel



VC-0701.04	7" / 17,7cm capacitive True Glass TFT Display	Flush mounted
VC-1001.04	10" / 25,6cm capacitive True GlassTFT Display	Flush mounted
VCB-07WS.04	Glass cover frame white	To fit VC0701.04 touchpanel
VCB-07SW.04	Glass cover frame black	To fit VC0701.04 touchpanel
VCB-07SI.04	Cover frame brushed stainless steel look	To fit VC0701.04 touchpanel
VCB-10WS.04	Glass cover frame white	To fit VC1001.04 touchpanel
VCB-10SW.04	Glass cover frame black	To fit VC1001.04 touchpanel
VCB-10SI.04	Cover frame brushed stainless steel look	To fit VC1001.04 touchpanel
VCS-PRO.04	Programming software VisuControl Pro	To create individual solutions

Description

The MDT VisuControl Touch Panel is used for the visualisation of the current building status and to control building functions.

Helvar is a specialist in intelligent lighting solutions. Our solutions allow our customers to deliver vastly improved energy efficiency and enhanced human comfort, mood and productivity with lighting.



Product family: Imagine Digidim
Supported protocols: DALI/S-DIM/DMX
Mounting: DIN Rail
Number of channels: 8
Max load / channel (A): 20
Universal power supply

499 8x20A Latching Relay Unit

490	2x2.3A	Blind Controller
492	1x16A	Power Relay Unit
494	4x10A	Relay Unit
498	8x16A	Relay Unit
499	8x20A	Latching Relay Unit
458/SW8	8x16A	Switching Module



Product family: Imagine, DIGIDIM
Type: Leading or Trailing Edge
Mounting: DIN Rail
Number of channels: 4
Max load / channel (A): 2.2
Universal power supply

454 4x2.2A Transistor Dimmer

452	1x4.4A	Universal Dimmer
454	4x2.2A	Transistor Dimmer
455	1x2.2A	Thyristor Dimmer
458/DIM4	4x10A	Thyristor Dimmer Module
458/DIM8	8x6A	Thyristor Dimmer Module
458/UNI8	8x6A	Universal Dimmer Module



Product family: Imagine Digidim
Supported protocols: DALI/S-DIM/DMX
Multiple output configurations: 0-10 V/1-10 V/DALI Broadcast/DSI/PWM
Mounting: DIN Rail
Number of channels: 4
Max load / channel (A): 16
Universal power supply

474 4x16A Ballast Controller

472	1x10A	1x10V / DSI Converter
474	4x16A	0-10V/DALI Broadcast Ballast Controller
478	8 Channel	Dali Broadcast Controller
458/CTR8	8x16A	0-10V/DALI Broadcast Ballast Controller Module



Product family: Imagine
Networks: Ethernet, DALI, DMX, S-DIM
Integrating to building systems
Networkable for large scale systems
Universal power supply
Built-in real-time clock
Ethernet (10/100 MB/s)

920 Router

920	Router	2xDALI, 1xDMX, 1xS-DIM
910	Router	2xDALI
905	Router	1xDALI

Amount of DALI devices: 128, DALI subnets: 2, DALI power supply (mA): 250, S-DIM addresses: 252, DMX addresses: 512



Product family: Imagine Digidim
Provides a DALI system with the required supply of up to 250 mA
DIN-rail mounted
Status LED for fault indication
DALI short circuit and over temperature protected

402 DALI Power Supply



Product family: Imagine, DIGIDIM
Permits the connection of a DIGIDIM system to RS232
Comprehensive programming options via Designer and Toolbox Software

503 AV Interface



Product family: Imagine Digidim
Extends the maximum DALI line length from 300 m to 600 m and provides additional 250 mA current (DALI -OUT side)
DALI messages are unfiltered
Suitable for use as a DALI power supply
DIN-rail mounted

406 DALI Repeater



SceneSet App

Product family: Imagine
App functionality: Configuration
User connection: WiFi
More Information: ILLUSTRIS - stylish, feature rich user interface
Google Play Store
Apple App Store



Helvar manufactures easy to use and stylish interfaces for lighting control systems. The flexibility in our range allows our interfaces to suit most architectural and commercial project requirements.



12xModular Panels
Infrared receiver
DALI Compatible
Wide variety of button arrangements
Choice of panel finishes
Single-gang or double-gang frames
Out-of-box operation



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110



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13xModular Panels
Infrared receiver
DALI Compatible
Wide variety of button arrangements
Choice of panel finishes
Single-gang or double-gang frames
Out-of-box operation



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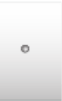
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122



16xModular Panels
Infrared receiver
DALI Compatible
Range of switch combinations
Customizable options
Indicator LED brightness is programmable
Out-of-box operation



150



125



ST7-X SceneTouch Panels
Premium Scene Control Interface
7" Full Colour Display
Web based design and management tool for customization
Available in black or white
Backbox included



111



124



150

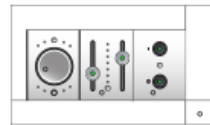
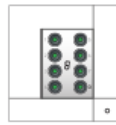


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The SceneTouch7 Panel is a 7" capacitive touch, full-colour, high-resolution lighting control panel designed to work with Helvar's router system over Ethernet. An easy-to-use, gesture-controllable and intuitive interface that is customisable to different applications via the SceneStudio online design tool. The product can be installed in solid



321 Multi Sensor

Product family: Imagine, DIGIDIM, RoomSet
Output: Helvar DALI System
Mounting: Ceiling
Sensors: PIR motion sensor, Light Sensor
Detection Angle (°): 116
Nominal mounting height (m): 2.5
Detection diameter (m): 8



322 High Bay Multi Sensor

Product family: Imagine, DIGIDIM
Output: Helvar DALI System
Mounting: Ceiling
Sensors: PIR motion sensor, Light Sensor
Detection Angle (°): 70
Nominal mounting height (m): 15
Detection diameter (m): 21



311 Ceiling PIR Detector (IP40)

Product family: Imagine, DIGIDIM
Output: Helvar DALI System
Mounting: Ceiling
Sensors: PIR motion sensor, Light Sensor
Nominal mounting height (m): 2.8
Detection diameter (m): 7



SS-PIR-SW-01 Surface Mounted PIR Switching Sensor

Product family: easy Aswitch
Output: Switching
Mounting: Ceiling
Sensors: PIR motion sensor
Nominal mounting height (m): 2.8
Detection diameter (m): 7



329 External Light Sensor (IP65)

Product family: Imagine
Output: Helvar DALI System
Mounting: Wall
Sensors: Light Sensor
Detection Angle (°): 170



SF-PIR-SW-01 Flash Mounted PIR Switching Sensor

Product family: easy Switch
Output: Switching
Mounting: Ceiling
Sensors: PIR motion sensor
Nominal mounting height (m): 2.8
Detection diameter (m): 7



When you choose Philips Dyalnite, you are selecting the world's finest lighting control system. we have implemented some of the largest and most extensive control networks around the globe. The same robust technology can be used in any application.



The Philips Dyalnite DDRC420FR provides control of any type of switched load, including difficult lighting loads. This four channel device supports all types of switched loads up to 20 A inductive

DDRC420FR	4x20A	Relay Controller
DDRC810DT-GL	8x10A	Relay Controller
DDRC1220FR-GL	12x20A	Relay Controller

DDRC420FR Relay Controller



The Philips Dyalnite DDLE802 is an eight channel leading edge dimmer controller with a maximum load per channel of 2 A. It is suitable for use with incandescent, low voltage, neon and selected fluorescent fixtures.

DDLE801	8x1A	Leading Edge Dimmer Controller
DDLE802	8x2A	Leading Edge Dimmer Controller

DDRC420FR Leading Edge Dimmer



Control different load types with one device
The Philips Dyalnite DDMC802 provides up to eight configurable output channels, controlled by up to four interchangeable control modules.

DDMC802	8 Channel	Multipurpose
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A selection of control modules is available for a variety of load types. Leading edge phase control dimmer, Trailing edge phase control dimmer, 1-10 V, DSI and DALI Broadcast control, Relay control module, Fan control module, Curtain control module

DDMC802



The Philips Dyalnite DDBC120-DALI delivers cost-effective control of DALI drivers through provision of a full universe of 64 DALI drivers. The device communicates seamlessly with Philips Dyalnite DALI sensors and user interfaces.

DDBC120-DALI	1x64 Drivers	DALI
DDBC300-DALI	3x192 Driver	DALI

DDBC120-DALI



The Philips Dyalnite DDBC1200 features 12 independent output channels, each selectable to DALI Broadcast, 1-10 V or DSI. The device can also be linked to a separate relay module for control of 1-10V drivers.

DDBC1200	8x Broadcast	DALI, DSI, 1-10V Drivers
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DDBC1200



The Philips Dyalnite PDEG provides a multipurpose Ethernet connection to a Philips lighting control system.

PDEG	Flexible Ethernet integration	Ethernet Gateway
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It supports access to the lighting system via a dedicated Philips app as well as providing a web interface delivering access to the inbuilt time clock and schedule editor functions. It provides bridging functionality between Ethernet backbone and the DyNet fieldbus devices.

PDEG-Ethernet Gateway



The Philips Dyalnite DDNG485 is a flexible network communications bridge designed for RS-485 networks. The two opto-isolated RS-485 ports enable the DDNG485 to implement a trunk and spur topology on large project sites, with the bridge providing a high-speed backbone opto-coupled to many lower speed spurs.

DDNG485	Flexible Network Communication	DMX512 Gateway
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DDNG485



The Philips Dyalnite DDFCUC010 is a fan coil unit controller designed for direct connection to components commonly found in air conditioning systems.

DDFCUC010	1 FCU	Fan Coil Unit Controller
DDFCUC024	1 FCU + 24V	Fan Coil Unit Controller

DDFCUC010

When you choose Philips Dynalite, you are selecting the world's finest lighting control system. We have implemented some of the largest and most extensive control networks around the globe. The same robust technology can be used in any application.



PA6BPE Antumbra

The Philips Antumbra Button user interface consists of easy to press mechanical buttons that can be customized with text or icons and incorporates the latest in field effect technology. The contemporary design features a number of button configurations, with each button capable of local or site-wide control functions. The PABPE range is suitable for, but not limited to, European, Middle Eastern, African and Asian markets.

PA6BPE	6 Button	Button Control Plate
PA4BPE	4 Button	Button Control Plate
PA2BPE	2 Button	Button Control Plate



PADPE Antumbra

The Philips Antumbra Display user interface provides a central LCD display to present multiple pages of functions and system information. It incorporates the latest in field effect technology. The contemporary design features a number of button configurations, with each button capable of local or site-wide control functions. The PADPE range is suitable for, but not limited to, European, Middle Eastern, African and Asian markets.

PADPE	6 Button	Display Button Control Plate
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PATPE Antumbra

The Philips Antumbra Touch user interface has a smooth glass finish and uses capacitive touch technology to detect a person's presence. It also incorporates the latest in field effect technology. The contemporary design features a number of button configurations, with each button capable of local or site-wide control functions. The PATPE range is suitable for, but not limited to, European, Middle Eastern, African and Asian markets.

PATPE	6 Button	Touch Control Plate
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DR2PE Revolution Series

The Philips Dynalite Revolution series of user interfaces provides an elegant and sophisticated connection to the DyNet network. The devices can communicate directly with each other, with lighting load controllers and with other integration devices, offering a simple user interface capable of complex automation system functions. The DR2PE range is suitable for, but not limited to, European, Middle Eastern, African and Asian markets. **Extensive designer range** – Innovative clip-on cover fastening system provides the ultimate flexibility in décor-matching. Standard finishes include brushed stainless steel and white or black glass.



DLPE Standard Series

The Philips Dynalite Standard series is beautifully formed and highly functional. Built with the full Philips Dynalite feature set, these simple yet elegant interfaces bring the full power of the automation system to the touch of a button. The DLPE range is suitable for, but not limited to, European, Middle Eastern, African and Asian markets.

DLPE	1,2,3,4,5,7,10 Button	Button Control Plate
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PDTs Touch screen

Designed as an integral part of the Dynalite system, the PDTs offers intelligent control and direct access to scheduling, scene editing, diagnostics and local environmental sensing. Combining Ethernet connectivity, a powerful onboard processor, and contemporary design cues from the Antumbra user interface range, the PDTs is a sleek, functional complement to any project.

178 mm capacitive touchscreen - with high resolution, rich color and wide viewing angle.

Proximity sensor - triggers soft halo light effect to welcome user interaction.

Internal astronomical time clock - enables advanced scheduling of behavior, options, and automated tasks based on time of day or sunrise/sunset.

Customizable graphical menus - seamless control of lighting, curtains/blinds, HVAC, A/V equipment and compatible third-party systems.

Built-in environmental sensors - humidity and temperature can be displayed on standby screen and communicated to third-party systems.



DDTC001 Time Clock

Astronomical 365 day time clock

The Philips Dynalite DDTC001 timeclock provides a tamper resistant solution for time-based event control on a DyNet network.

Remote programming - The device is programmed via a PC and there are no external controls available, providing a tamper resistant solution.

Advanced clock controls - Features sunrise/sunset tracking and automatic adjustment for daylight saving.

Performs as an energy management controller - Uses powerful macro and conditional logic functions to provide full automation of large commercial projects, where automatic lighting events are required at predetermined times.

Flexible mounting solution - DIN-rail mounted device, designed to be installed into a distribution board.



Anytronics have gained a respected reputation for rugged reliability and ease of use in a variety of applications for hotels, residential, shops & businesses around the world.



Economical wall mounting dimming/switching packs
 8 x 5 A, 4 x 5 A and 4 x 10 A dimming/switching models
 No minimum load constraints
 Choice of DMX or RS232 digital inputs
 Electronic ballast setting for electronic loads
 Compatible with Anyscene and Anylight architectural lighting control systems
 Compatible with AMD range of analogue and DMX architectural slider controls

DP406F	4x6A Dimming/Switching
DP806F	8x6A Dimming/Switching
DP410F	4x10A Dimming/Switching

DP806F



Economical wall mounting dimming/switching packs
 Leading edge control utilizing 25 A power devices
 8 x 4 A, 4 x 4 A and 4 x 10 A dimming/switching models
 No minimum load constraints
 Choice of DMX or RS232 digital inputs
 Electronic ballast setting for electronic loads
 Compatible with Anyscene and Anylight architectural lighting control systems
 Compatible with AMD range of analogue and DMX architectural slider controls

DP404CB	4x6A Dimming/Switching
DP804CB	8x6A Dimming/Switching
DP410CB	4x10A Dimming/Switching
DP1602CB	16x2A Dimming/Switching

DP404CB



Extremely cost effective Compact digital design DMX 512 input
 Choice of dimming or switching on each channel
 Individual channel test at 50% & 100% Emergency lighting terminals on all Channels Ideally suited for use with Anyscene and IR Anyscene products
 Data hold or fade options on DMX failure Stainless steel wall bracket option
 Delta Contractor 12 for Three Phase Delta connected supply and loads available to order.

Contractor 12	12x12A Dimming/Switching
Contractor 24	24x12A Dimming/Switching
Contractor 12 Delta	12x12A Dimming/Switching

Contractor 12

Anyscene 512 DMX Scene Recall Units

Up to 23 presets + blackout DMX scene recall unit, up to 3 panels per system
 Stylish and easy to use DMX scene recall unit 23 programmable scenes plus 'blackout' with full status indication
 512 independent channels of DMX control / scene Master level control Simple to programme from any DMX lighting desk or controller Selectable fade rate between scenes of 2.5, 5, 10 or 20 seconds External recall of up to the first 7 presets and 'blackout' (0) via screw terminals Dimmable front panel status LED's Standard UK double patress rear box depth 32mm+ All DMX and power input connections can be supplied as screw terminals instead of 2 x RJ45 sockets, to special order 2 x RJ45 category 5 connection provides DMX data and power Automatic DMX backup feature



Anyscene 512

Anyscene 1 DMX Scene Recall Units

7 presets + blackout DMX scene recall unit, one panel per system
 Stylish and easy to use wall mounting DMX scene recall unit 7 programmable presets plus 'Blackout' with full status indication
 Master level control Up to 36 independent channels of DMX control per preset DMX addresses 001 to 036
 Simple to programme from any DMX lighting desk or controller Jumper selection of 5 or 10 second fade times
 Standard UK double patress rear box depth 32mm+ 1x RJ45 category 5 connection provides both data and power Automatic DMX backup feature Infra red controlled version IR Anyscene



Anyscene 1



ALC2C - 2 Channel Outstation Finished in mark resistant brushed stainless with black concave buttons.



ALC4P - 4 Preset Channel Outstation Finished in textured black with satin silver convex buttons.



ALC4C4P - 4 CH + 4 Preset Outstation Finished in mark resistant brushed Stainless with black flat buttons for channel control and raised boss flat black buttons for preset control.



ALS5C10P
 5 Channel Toggle, 10 Preset buttons



ALS10C5P
 10 Channel Toggle, 5 Preset buttons



DMX to PWM - 1/2/4 Channel LED Driver

The Anytronics DMX to PWM LED Driver provides 4 controllable PWM outputs to drive constant voltage LEDs connected with commoned anodes to a 12-24V supply. The unit is also intended to be powered from supplies in the range 12-24V DC.

Anylight outstations provide a stylish range of touch panels for the control of dimming levels and for scene recall in Anylight architectural control systems. They are manufactured in either single or double patress widths and can be supplied in a variety of surrounds to match other electrical fittings. A variety of panels for manual control is available with either dedicated or mixed Channel and Preset scene recall controls on each panel. IR remote control outstations are also available with both Channel and Preset scene controls.

8, 32 or 64 channel interface accepts commands from remote outstations to control circuits ('Channels'), each of which can be configured for either dimming or switching operation.



Anytronics Anylight Interfaces



We have been developing successful innovations for our customers since 1990. In addition to our own EPV products, we work as a technology partner for well-known OEMs. All EPV products are exclusively developed and manufactured in Germany. To ensure consistently high quality, we deploy 100% testing in manufacturing and manufacture according to ISO 9001 standard.



EPV DIMMTRONIC M1000/3.3 trailing-edge

Resistive loads: max. 1000 W, min. 10 W, Control via 1-10V and 0-10V signal. Two selectable dimming curves, Low minimum loads, ideal for LED lamps, 1-10V control signals <0.7V the load is switched off.



EPV DIMMTRONIC M1000/5.3 leading-edge

Resistive loads: max. 1000 W, min. 10 W, Control via 1-10V and 0-10V signal. Two selectable dimming curves, Low minimum loads, ideal for LED lamps, 1-10V control signals <0.7V the load is switched off.



EPV DIMMTRONIC PAB 315 trailing-edge dimmer

Trailing-edge dimmer for resistive and capacitive loads, Load range 25 to 315 W, Push-to-off, toggle switch
Metal axle



EPV DIMMTRONIC DOHM 400 Leading Edge Dimmer

Leading-edge dimmer for resistive loads from 60 to 600 W and inductive loads from 25 to 500 VA
Push-to-off toggle switch
Metal axle



EPV1-10V Electronic Potentiometer EP050

The electronic potentiometer EPO 050 is used for 1-10V control of dimmable electronic ballast or LED drivers with 1-10V interface. It acts as a current sink, Maximum sink current: 50mA, Metal axis



For the installation of occupancy sensors in suspended one-piece ceilings (drywall, acoustic ceilings), in which the standard mounting clip can not be used.



ecos PM / 230V / 5T & 10T

Simple on/off, based on occupancy only, adjustable delay time 10 seconds to 14 minutes, no twilight switch, 2300 VA / 800A inrush, max 5m & 10m height.



ecos PM / 230V / 5L & 10L

On/Off, with adjustable delay time 10 seconds to 14 minutes, adjustable twilight switch 100-1000 lux, 2300 VA / 800A inrush, max 5m & 10m height.

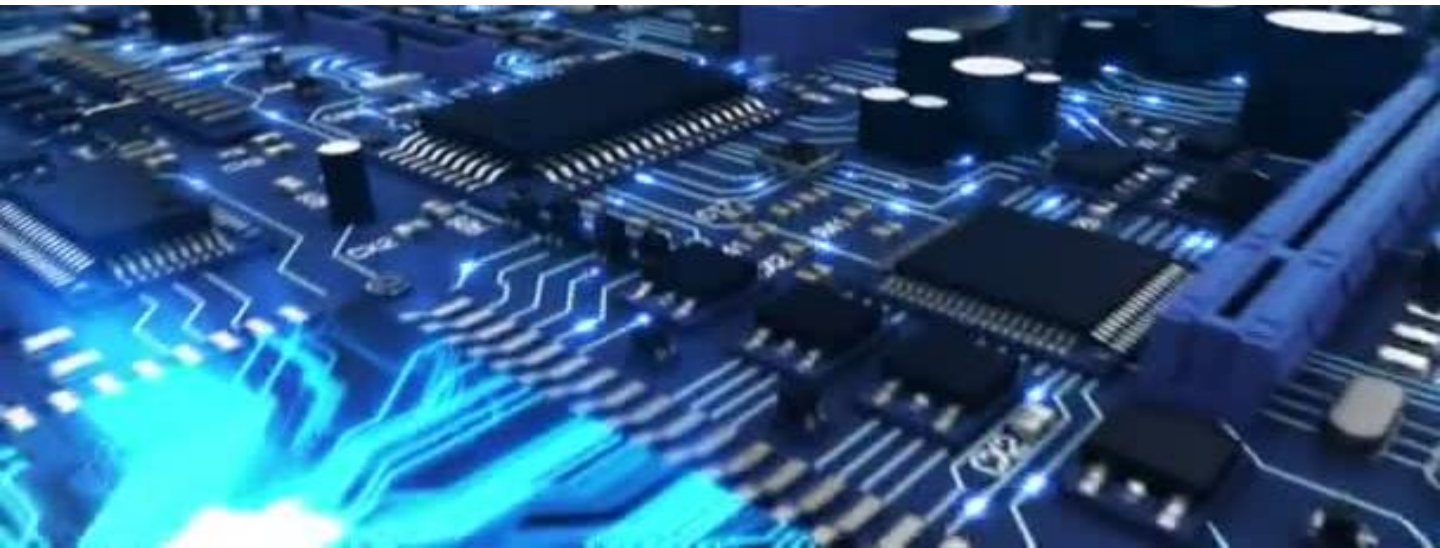


ecos PM / 230V / 5LSa DIM

On/Off + Daylight Harvesting (1..10V dimming) output, adjustable delay time 10 seconds to 14 minutes, adjustable dimming set point 100-1000 lux, max. 5m height.
• Off-Priority: Light level.

- **Explanation:** When sufficient ambient light is available, the artificial light will remain in maximum dimming position for the set delay time. After that, the artificial light is turned off, regardless of motion in the room. **Highest savings.**

For your projects you will find a reliable "workhorse" in the DIMMTRONIC DIN rail dimmer for a wide variety of applications - for example in living areas, in hotels and restaurants or conference rooms.



Customized Color Finish Lighting Control Plate



Satin Stainless Steel



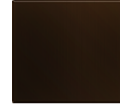
Black Nickel



Polished Brass



Antique Brass



Bronze Satin Stainless



Satin Brass



Polished Stainless Steel



Chocolate Bronze



White (Egg Shell Finish)



Bronze Antique



Matt Black



Prism



Glass Push Button II Smart



Our purpose at Brightgreen is to create lights that make your interiors look amazing. In pursuit of this, we recently asked the best architects, engineers, electricians, interior and lighting designers what they think really makes an amazing interior. What we discovered was startling. According to our key clientele, the perfect set of lights they needed had not yet been realised. So, we set about redesigning our entire range from the ground up in pursuit of the perfection they were seeking. We designed and made hundreds of prototypes. We experimented with phosphor mixes to uncover the true colour, texture and form of spaces, fittings and furniture. We re-engineered all of our control systems and recalibrated the optical physics on each of our lenses. Then, we tested and tested and tested; all with the goal of making the perfect set of lighting tools to bring your interiors to life.



D900 Classic LED downlight
Source Lumens: 1290-1315lm
Color Temp: 3000K, 4000K
Power usage: 15.7W

D900 CL



D2000+ Curve LED downlight
Source Lumens: 2100-2140lm
Color Temp: 3000K, 4000K
Power usage: 25W

D2000+



D700+ Trio



D700 Classic LED downlight
Source Lumens: 980-1000lm
Color Temp: 3000K, 4000K
Power usage: 12W

D700 CL



D550+ LED downlight
Source Lumens: 590-605lm
Color Temp: 3000K, 4000K
Power usage: 7.5W

D550+

D700+ Trio LED downlight
Source Lumens: 2935-2995lm
Color Temp: 3000K, 4000K
Power usage: 36W

D900+ LED downlight
Source Lumens: 1190-1215lm
Color Temp: 3000K, 4000K
Power usage: 13.3W



D900+

D900 Cube LED downlight
Source Lumens: 1190-1215lm
Color Temp: 3000K, 4000K
Power usage: 13.3W



D900 Cube

Adapt your design over time
Featuring a simple twist-on, twist-off system, fascia's are easy to change over time to suit interior updates. This means you can change your lighting design without ever having to replace the light fitting itself.

D700+ LED downlight
Source Lumens: 980-1000lm
Color Temp: 3000K, 4000K
Power usage: 12W



D700+

D550 Curve LED downlight
Source Lumens: 590-605lm
Color Temp: 3000K, 4000K
Power usage: 7.5W



D550 Curve



5 Sizes

5 sizes and the choice of recessed, surface or pendant mounting options to cover every design brief



Heavyweight



Flat line



Fine line



Capsule



Portal



Black



Silver



White



Copper

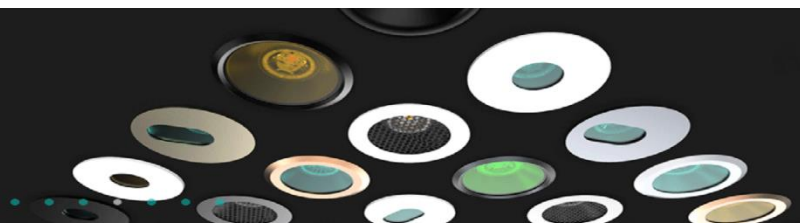


Champagne Gold

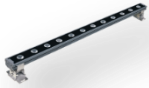


Gunmetal Grey

+ Collection



MBN-PROLED is an innovative, leading German company operating in the development and manufacture of LED lighting. Our high quality LED luminaires, controls and components are offered worldwide under the well-known brand PROLED®. LED technology is the perfect solution for general lighting, illumination and atmospheric light for shops, perfumeries, boutiques, display windows, fair stands, hotels, museums, restaurants, bars, clubs and discotheques.



BAR RGBW

Wall Washer Light
Family Name: BAR
Lm: 1900
Colour Temp: RGBW
Power usage: 24W
Reflector Angle: 30°
IP Rating: IP67



BAR COB

Wall Washer Light
Family Name: BAR
Lm: 3000
Colour Temp: 3000K, 5000K
Power usage: 24W
Reflector Angle: 24°
IP Rating: IP67



Inground Alpha R

Inground Alpha R
Family Name: Alpha
Lm: 3000
Colour Temp: 3000K, 4000K
Power usage: 2W
Reflector Angle: 25°
IP Rating: IP67



Spot Light

Spot Light Garden
Family Name: Spot Light
Lm: 230
Colour Temp: RGBW
Power usage: 8W
Reflector Angle: 20°
IP Rating: IP67



Triled

Spot Light Garden
Family Name: Triled
Lm: 110
Colour Temp: RGB
Power usage: 3W
Reflector Angle: 30°
IP Rating: IP65



1S Triled

Inground 1S Triled RGB
Family Name: Triled
Lm: 105
Colour Temp: RGB
Power usage: 3.5W
Reflector Angle: 30°
IP Rating: IP67



6R Triled

Inground Light 6R Triled
Family Name: Triled
Lm: 660
Colour Temp: RGB
Power usage: 12W
Reflector Angle: 30°
IP Rating: IP67



6S Triled

Inground Light 6S Triled
Family Name: Triled
Lm: 660
Colour Temp: RGB
Power usage: 12W
Reflector Angle: 30°
IP Rating: IP67



Triled

Inground Linear Mono
Family Name: Triled
Lm: 900
Colour Temp: RGB, 3000K
Power usage: 12W
Reflector Angle: 30°
IP Rating: IP67



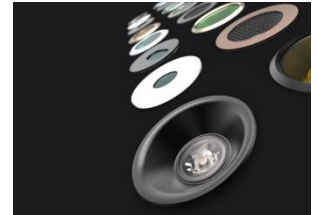
4 Premium

Panel 600-4 Premium
Family Name: Panel
Lm: 660
Colour Temp: 3000K, 4000K
Power usage: 40W
Reflector Angle: 120°
IP Rating: IP40



Track 50

Track Light 50
Family Name: Track
Lm: 3300
Colour Temp: 3000K
Power usage: 50W
Reflector Angle: 18°, 36°
IP Rating: IP20



300 Mono

Flex Strip 300 Mono
Family Name: Mono
Lm: 400
Colour Temp: 3000K
Power usage: 24W
Reflector Angle: 120°



HD-80 Mono

Flex Strip HD-80 Mono
Family Name: Mono
Lm: 1200
Colour Temp: 3000K
Power usage: 72W
Reflector Angle: 120°



2160-80 Mono

Flex Strip 2160-80 Mono
Family Name: Quattro
Lm: 2700
Colour Temp: 3000K
Power usage: 172.8W
Reflector Angle: 120°



HD-80 Mono

Flex Strip HD-RGB
Family Name: Mono
Lm: 550
Colour Temp: RGB
Power usage: 72W
Reflector Angle: 120°



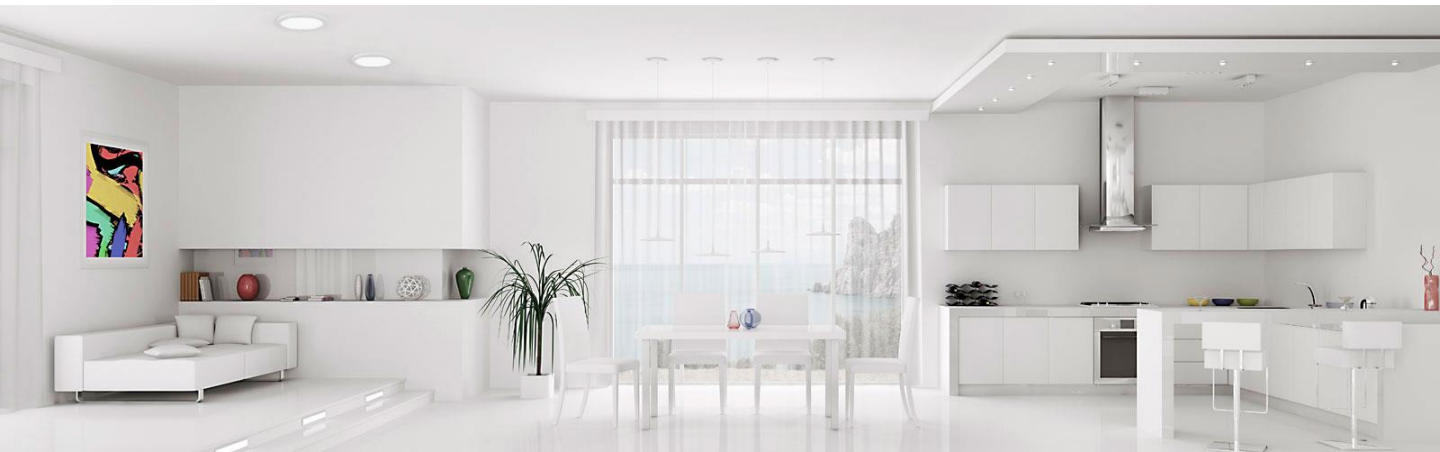
Tube Pro Mono

Flex Tube Pro Mono
Family Name: Mono
Lm: 430
Colour Temp: 3000K
Power usage: 12W
Reflector Angle: 120°



7180-869

Flex Tube Pro RGB
Family Name: Mono
Lm: 280
Colour Temp: RGB
Power usage: 12W
Reflector Angle: 120°



Superlight can provide complete lighting designs for any project.

We offer varied advice with any Project, from basic lighting advice through to complex layouts develop lighting concepts. Our staff are lighting professionals and can suggest products that will work best to achieve your desired outcomes

We have a hundreds of lighting products that vary in cost and features. If we are aware of the project details and the approximate budget, we can usually identify more than one product solution to suit different price points. Our staff enjoy providing different types of lighting solutions so let us know all the details of your project and we can help.



SL2203

SL2203 316 Marine Grade Stainless Steel Downlight

Input Voltage: 24VDC
Lm: 80lm/W
Power usage: 12W
Reflector Angle: 70°
IP Rating: IP67

- SL2203-15 IP67 LED Downlight – Brushed 316 Stainless Steel 6000K
- SL2203-17 IP67 LED Downlight – Brushed 316 Stainless Steel 4000K
- SL2203-21 IP67 LED Downlight – Brushed 316 Stainless Steel 3000K



SL2949

SL2949 Revo 16W Adjust LED Downlight

Input Voltage: 240VAC
Lm: 80lm/W
Power usage: 16W
Reflector Angle: 60°

- SL2949-15 CCT: 6500K CRI: >80
- SL2949-21 CCT: 3200K CRI: >85



SL2691 Multigang LED Downlight Series

Input Voltage: 240VAC
Lm: 90lm/W
Power usage: 10W
Reflector Angle: 60°
IP Rating: IP20

- SL2691-15 CCT: 6500K CRI: >90
- SL2691-17 CCT: 4000K CRI: >90
- SL2691-21 CCT: 3200K CRI: >90
- SL2691-27 CCT: 2700K CRI: >90



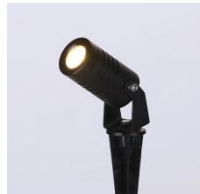
LED Fiber Optic Lighting Kit

Input Voltage: 12VDC
Power Consumption (Watts): 6 Watts
Fiber Strand Length: 2000mm
Fiber Strand Qty: 80
Compatible Function Controller: Controller



SL2878 Interior LED Steplight

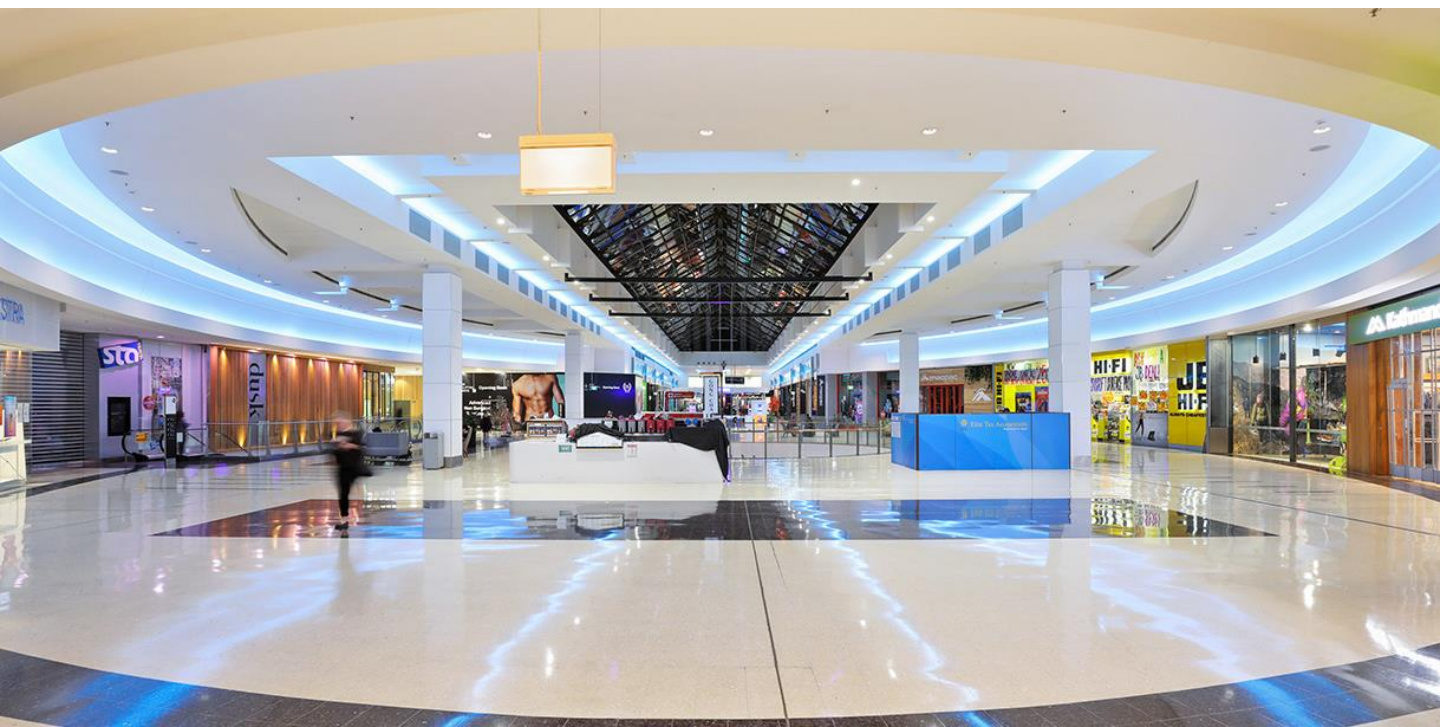
Input Voltage: 240VAC
Power Consumption (Watts): 3 Watts
Colour Temperature (cw/ww): 6500K/3000K/RGB
LED Classification: CREE High Power XR 3W
IP Protection Rating: IP20



SL6265 12VDC LED Spike Fitting

Input Voltage: 12VDC
Power Consumption (Watts): 3 Watts
LED Classification: CREE High Power 3W
Reflector Angle: 20°
IP Protection Rating: IP65

- SL6265-11 Typical Wavelength: RED 640nm
- SL6265-12 Typical Wavelength: GREEN 550nm
- SL6265-13 Typical Wavelength: BLUE 450nm
- SL6265-15 CCT: 6500K CRI: >80
- SL6265-21 CCT: 3200K CRI: >85
- SL6265-25 RGB



HOME AUTOMATION SYSTEMS

An intelligently designed home automation system can create a number of functional enhancements to your home. Lighting, security and temperature can be controlled from virtually anywhere, in or out of your home. Touch one button and set all the lights to “party” mood, or time them to turn on or off at certain times. Control your cooling system over the internet and monitor your security cameras wherever you are. Shades and curtains can be controlled by the same system to open or close at the touch of a button.

OUR EXPERTISE

Hotels | Royal Palaces | Luxury Residences
Hospitals | Restaurants | Bars/Pubs | Health Clubs
Shopping Malls | Cinemas | Banks | Offices
Airports | Museums etc.

Middle East

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EPV
Energy Efficiency
— Made in Germany

Brightgreen
Premium LED lighting

Helvar

PROLED

anytronics

PHILIPS
dynamalite

Superlight

MDI
technologies

www.quantumstarlighting.com