

martinarchitectural



Cyclo Directional



DYNAMIC LIGHT



New seasons, new colors

The Cyclo Directional provides a simple, fit-and-forget solution for retail and other commercial applications. Fully programmable and with thousands of colors, Cyclo luminaires create endlessly variable environments that evolve with the times.

A directional luminaire, the Cyclo fits into a typical 3-phase track and can be tilted to illuminate walls, ceilings or merchandising.



CYCLO DIRECTIONAL SYSTEM

Martin Architectural offers a new dimension to its Cyclo range of full color mixing T5 fluorescent fixtures – the Cyclo Directional available in track and surface mount versions.

Track installation

The Cyclo 03 Directional track mount version clips directly into most standard 3-phase tracks, making it ideal for both new and existing window displays.



Surface mounting

The surface mount version features a simple wall-mounting system, allowing for directional illumination of ceilings, walls or floors.



A set of 2 ceiling/wall brackets is all that is needed for surface mounting.

Color

Designed to create natural daylight shifts and dynamic effects, the Cyclo 03 Directional uses RGB technology to generate both colored and white light of variable temperature. Technically this is achieved by combining dimmable T5 fluorescent lamps in the primary colors red, green and blue in a process known as additive color mixing.



RGB color mixing creates thousands of shades and colors.

Optics

The Cyclo Directional provides seamless color mixing, allowing the fixture to be positioned close to the illuminated object without causing an unwanted rainbow effect. The optical module is directional and offers a powerful 3 x 54W T5 package.



Programming

All Martin luminaires are 'intelligent' luminaires, and, as such, can be programmed to change according to the season or time of day.

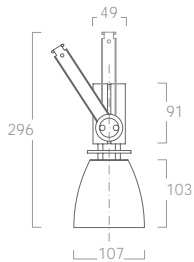
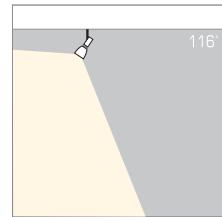
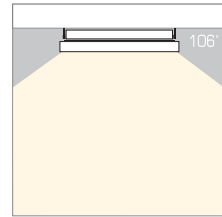
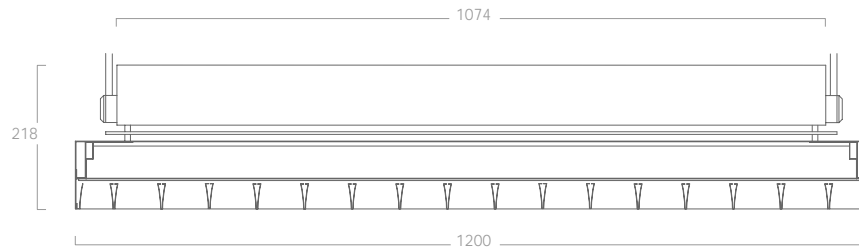
With their own built-in intelligence, Cyclo luminaires are self-contained units with color programmes covering most color spectrums. Cyclos can either be operated by PC software or, typically, without the aid of an external controller via a simple set of switches.



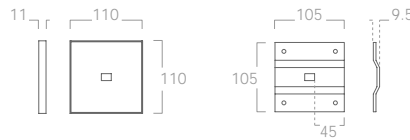
Applications

Retail
Restaurants
Window displays
Corporate environments
Showrooms
Lounge areas

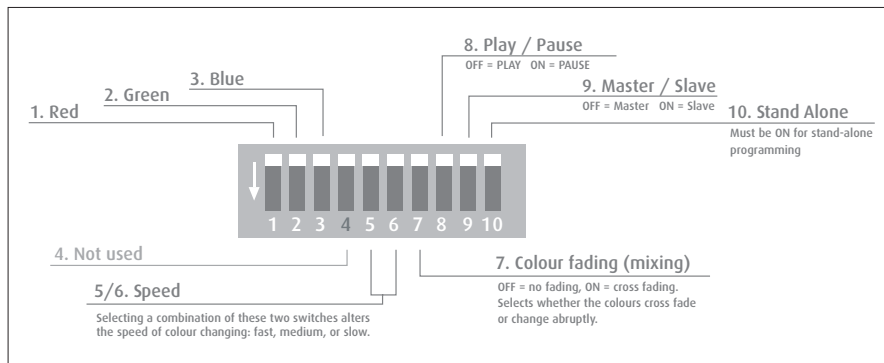




Wall/ceiling bracket



On-board programming



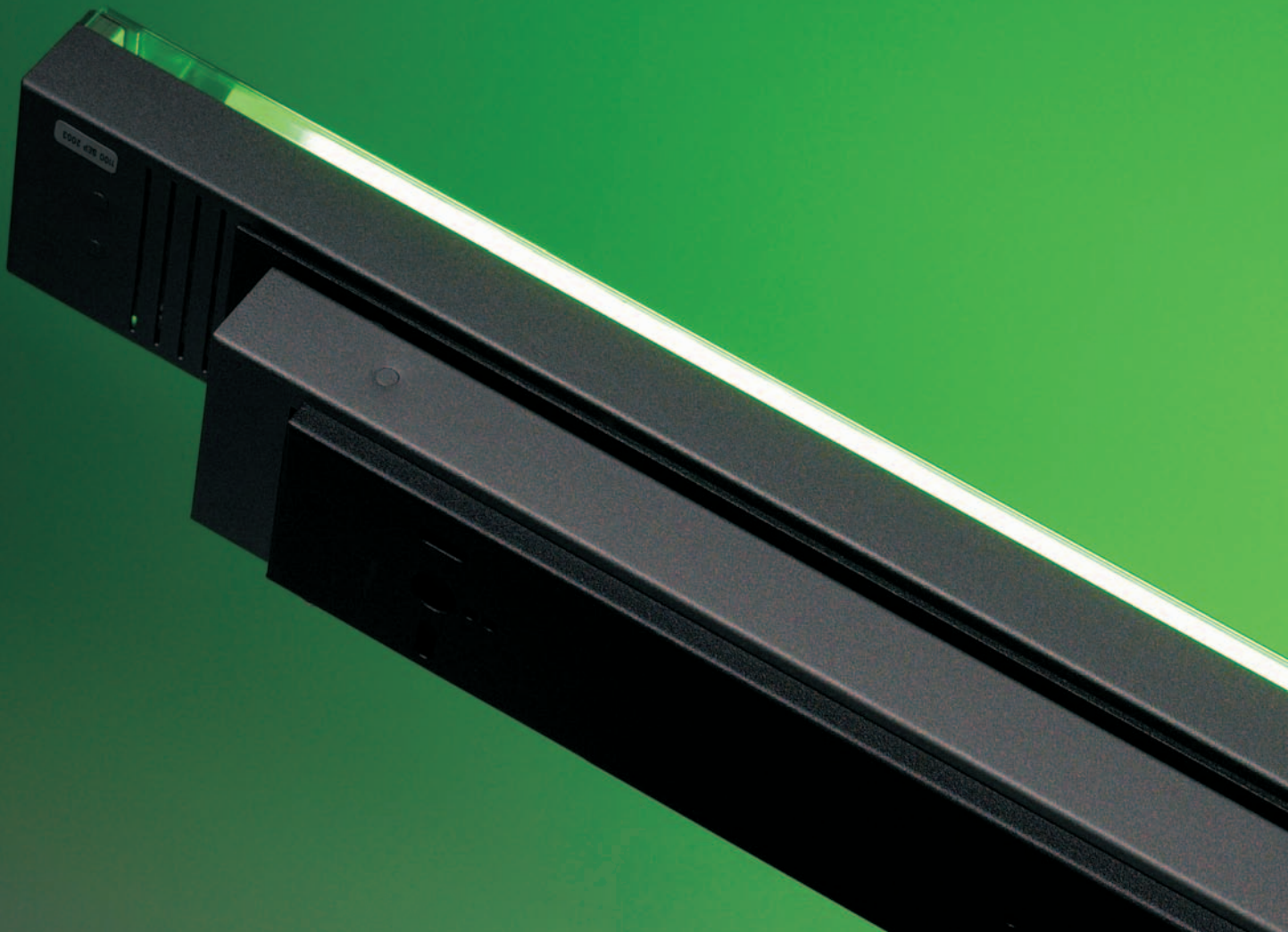
SPECIFICATIONS

Cyclo Directional

Physical L x W x H: 1200 x 107 x 218 mm (50.5 x 4.5 x 9.2 in) Weight: 8.7 kg (19.3 lb)	Installation Orientation: any Universal track adaptor for 3 phase track Minimum free space: 25 mm (1 in)	Ordering information Cyclo Directional, titanium P/N 90550055 Cyclo Directional, white P/N 90550050
Source Approved lamp type: Osram T5 HO 54 W Light source: T5 tubes (3x54W)	AC Supply AC power: 198 V – 254 V, 50 / 60 Hz AC-input: Ensto quick connector	Included items User manual Osram T5 HO54W/60 (red) Osram T5 HO54W/66 (green) Osram T5 HO54W/67 (blue)
Dynamic effects 0-100% Dimmable tubes: red, green and blue	Construction Housing: mild steel plate Optics: high specular 99.9% aluminium	Accessories Wall/ceiling bracket (set of 2), titanium P/N 91611187 Wall/ceiling bracket (set of 2), white P/N 91611186 Termination Plug RJ45 P/N 91613028 Ensto Male connector P/N 05347202
Control & Programming Control options: DMX-512, stand-alone, Master/slave Setting and addressing: DIP switch Data input/output: RJ45 (through-wired) DMX channels: 3	Thermal Maximum ambient temperature (Ta): 40° C (104° F) Cooling: convection cooled	

Note: Technical information subject to change without prior notice.
US version available August 2004





Cyclo Series



The Cyclo Series is a range of dimmable fluorescent color changers with RGB mixing and color correction control. The Cyclo O3 DMX HO employs standard 54W T5 HO lamps to generate a wide spectrum of white and colored light.

Technically, this is achieved by combining dimmable T5 fluorescent lamps in the primary colors red (R), green (G) and blue (B) in a process known as additive color mixing. Alternatively, the unit can be fitted with a combination of colored and white lamps for a more limited spectrum of color but improved white light applications. All color mixing and dynamic changes are controllable via a DMX device.

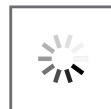
Successful in retail environments, Cyclos also provide an interesting solution for the modern work environment in conference areas, recreation spaces and multi-functional rooms.

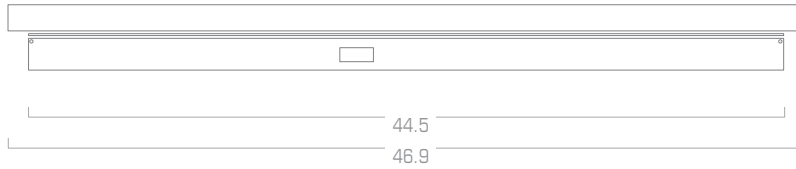
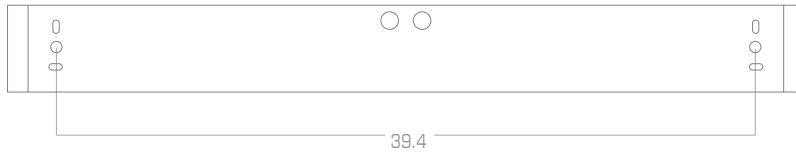
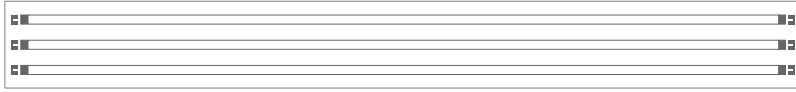
As slim surface-mounted fittings, they are ideal for cove, perimeter and concealed lighting applications and integrated behind semi-transparent materials. For quick and easy installation, the unit comes with a mounting bracket that preinstalls to allow the complete unit to be mounted with its tubes already fitted. An additional accessory, a diffuser cover, fits on to the front to allow the unit to be used as a free-standing, decorative element.

The Cyclo O3 DMX HO provides 3-channel control with true 0-100 % dimming of each tube. Address settings are made via an on-board DIP switch which can also be used to set various stand-alone programs. Installation is fast and simple, using through-wired data (RJ-45). Power can also be through-wired in an integrated junction box.

Application

Background washlighting or perimeter, cove and light wall applications requiring white light or color for decorative effects. Selectable color and dynamic color change for retail, cafés, wine bars, as well as multi-functional rooms and recreation spaces in modern work environments.





Specifications and measurements subject to change

Physical

L x W x H: 1270 x 130 x 99 mm (50 x 5.0 x 4.0 in)

Weight: 5.5 kg (12.1 lb)

Fixture color: gray

Source

Approved lamp type: Osram T5 HO 54 Watt

Light source: T5 tubes (3x54W)

Dynamic effects

0-100% Dimmable tubes: red, green and blue

Control & Programming

Control options: DMX-512, stand-alone, master/slave

Setting and addressing: DIP switch

Data input/output: RJ-45

DMX channels: 3

Installation

Orientation: any

Minimum free space: 25 mm (1 in)

AC Supply

AC power: 110V, / 60 Hz

AC-input/output: 3/4 inch knockouts

Thermal

Maximum ambient temperature (Ta): 40° C (104° F)

Cooling: convection cooled

Listings

UL (pending), CE

Included items

User manual

Osram T5 H054W/60 (red) P/N 97020006

Osram T5 H054W/66 (green) P/N 97020007

Osram T5 H054W/67 (blue) P/N 97020008

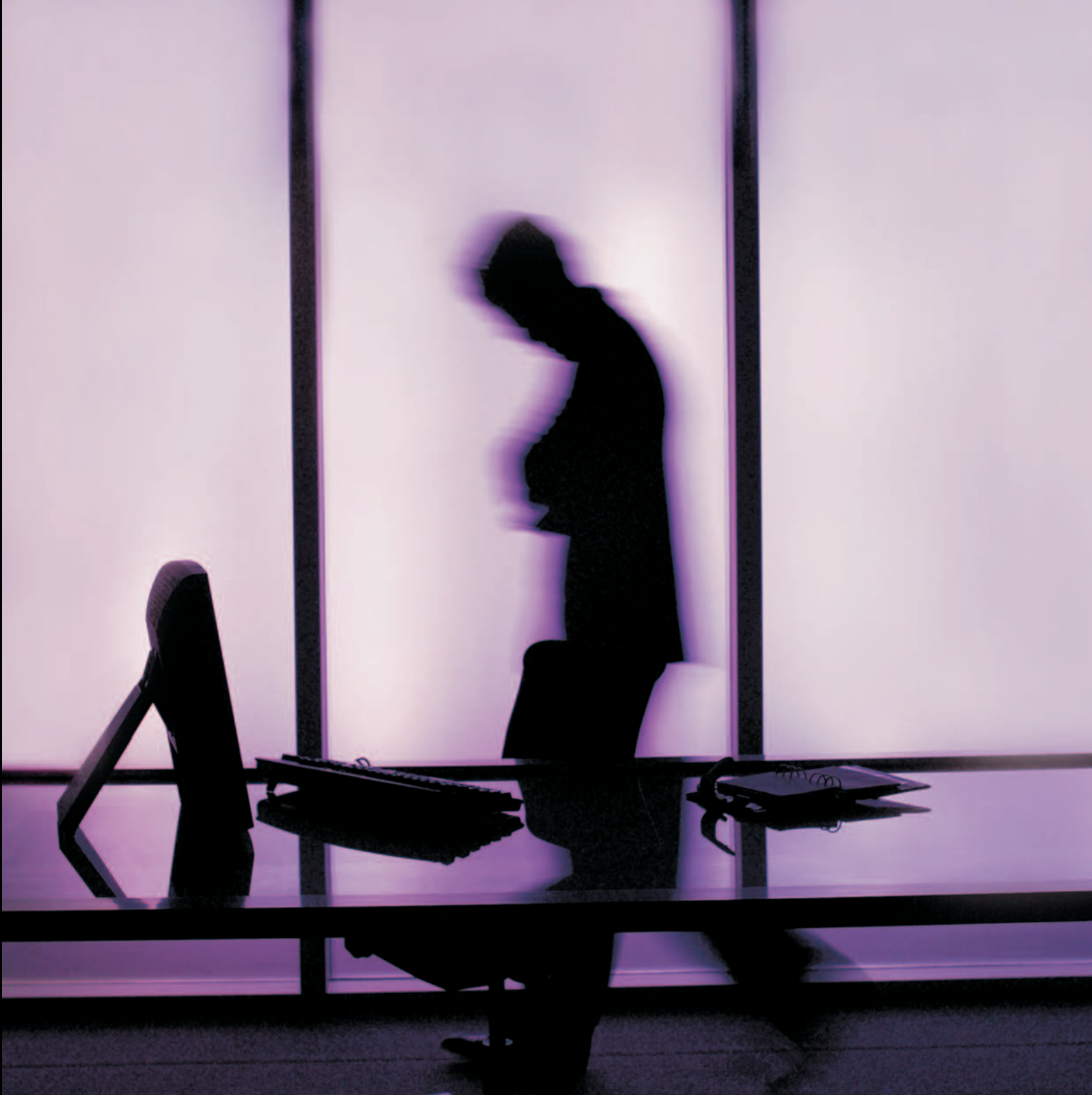
Accessories

Termination Plug RJ-45 P/N 91613028

Ordering information

Cyclo 03 DMX HO P/N 90550005





Red = 85%

Green = 100%

Blue = 100%

WINTER COLLECTION



Red = 100%

Green = 60%

Blue = 100%

SUMMER COLLECTION





SUMMER

COLLECTION



Cyclo O3 DMX HO Wallwash is a recessed fluorescent wallwasher with RGB color mixing and even color distribution that generates white and colored light. Suited to a wide range of retail applications, it provides an interesting solution for the work environment by applying dynamic light in recreation areas and conference rooms.

The Cyclo O3 DMX HO Wallwash features extended color control and exceptional white and colored light quality. It represents a breakthrough for its ability to successfully compress color-changing technology into an architectural fitting.

The full gamut of white and colored light is achieved by combining three dimmable T5 fluorescent lamps, the primary colors red (R), green (G) and blue (B) in a process known as additive color mixing. Alternatively, the unit can be fitted with a combination of colored and white lamps for a restricted spectrum of color but improved white light qualities.

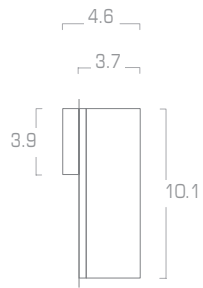
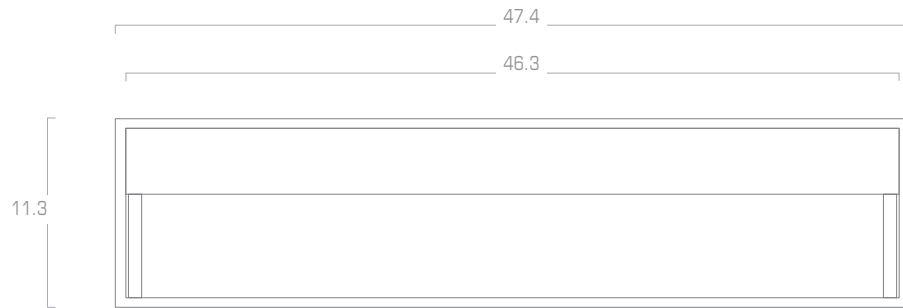
When installed at a setback of $1/3$ the height of the wall, colored light is distributed extremely evenly and smoothly. This flawless color distribution is achieved by a combination of advanced optical technology and reflectors with Lambertian characteristics. Because light strikes at the very top of the wall, wall coverage is total, eliminating the upper dark zone commonly associated with wallwashers. Moreover, the design of the metallic reflector ensures that colored light is only seen when it strikes the projection surface.

The Cyclo O3 DMX provides 3-channel DMX control with true 0-100 % dimming of each tube. Address settings are made via an on-board DIP switch which can also be used to set various stand-alone programs. Installation is fast and simple, using through-wired data (RJ-45). Power can also be through-wired in an integrated junction box.

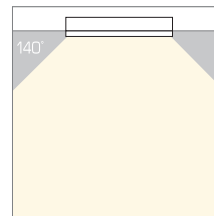
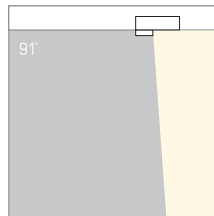
Application

White and color washing of walls and ceilings for retail, restaurants, hotels and other commercial applications. Programmable color changes and fluctuating daylight effects for conference rooms, recreation spaces, and multi-functional areas.





Specifications and measurements subject to change



Physical

Width of fixture at widest point: 286 mm (12.0 in)

Length of fixture at widest point: 1205 mm (50.7 in)

Depth of recessed base: 93 mm (3.9 in)

Maximum protrusion of fixture from mounting surface: 25 mm (1.1 in)

Source

Approved lamp type: Osram T5 HO 54 watt

Light source: T5 tubes (3x54W)

Dynamic effects

0-100% Dimmable tubes: red, green and blue

Control & Programming

Control options: DMX-512, stand-alone, master/slave

Setting and addressing: DIP switch

Data input/output: RJ-45

DMX channels: 3

Installation

Orientation: any

Minimum free space: 25 mm (1 in)

AC Supply

AC power: 110V, / 60 Hz.

AC-input/output: 3/4 inch knockouts

Thermal

Maximum ambient temperature (Ta): 40° C (104° F)

Cooling: convection cooled

Listings

UL, CE

Included items

User manual

Osram T5 H054W/60 (red) P/N 97020006

Osram T5 H054W/66 (green) P/N 97020007

Osram T5 H054W/67 (blue) P/N 97020008

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Ordering information

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