



# MARS Wall Wash

Light where it's meant to be

**LED LINEAR™**  
lighting solutions

Member of the  
Fagerhult Group



# MARS Wall Wash

## PRECISE LIGHT CONTROL

- In wall wash application the glare as well as the light quality (CRI) are key aspects in order to set a qualitative accent on the targeted surface. MARS Wall Wash aims to fulfill all requirements for an optimal wall wash.
- The design of a highest quality luminaire starts with premium components. Beginning with the light source tape, the one implemented in MARS Wall Wash can reach a CRI of 98. Bartenbach reflectors array for longitudinal glare reduction and enable a light distribution with a hard cut off, enabling a precise and sharp wall-wash effect.
- MARS Wall Wash is a high end wall washer with a possible output of 4,090 lm combined with a color temperature ranging between 2,200 K to 5,000 K. It comes in several fixed lengths for easy installation with minimal use of tools.

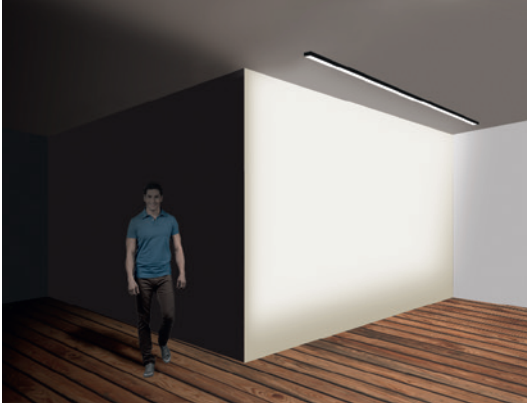
# KEY FEATURES



## OPTICAL SYSTEM BARTENBACH

Bartenbach® reflectors offer an illumination where it is possible to decide exactly where the light should and should not be. These optics also enable outstanding control of color temperature (CCT) for dynamic white applications thanks to warm and cold white mixing within the reflectors. This homogeneous color mixing just a few centimeters away from the fixture.

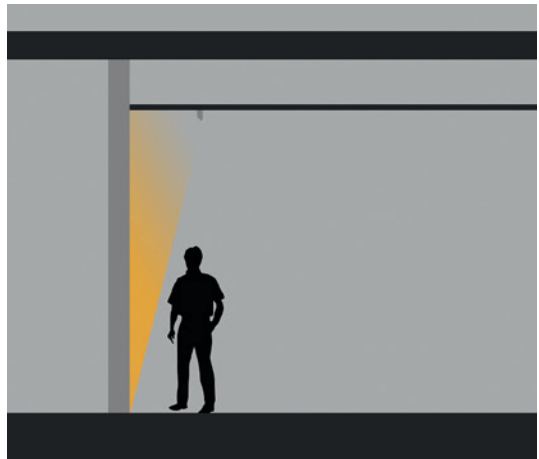
# OPTICAL SYSTEM



Bartenbach reflector:

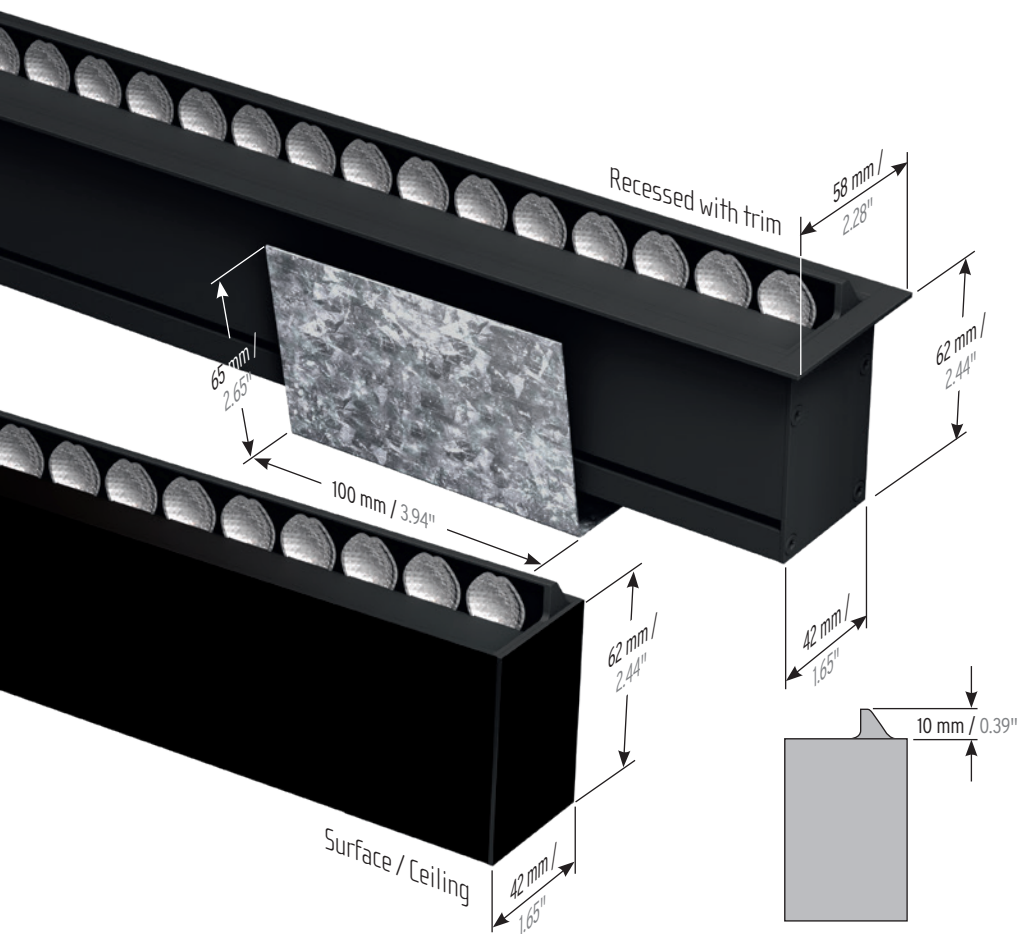
- No longitudinal glare
- No unwanted light spill
- Uniform light distribution
- Defined hard cut off

- Perfect homogeneity
- Possible to mount within 2.5 m (8.2') from the wall
- No light spill



# CONCISE DETAILS

MARS Wall Wash comes in different sizes up to almost 1 m [3.2']. The lumen output reaches up to 4,090 lm and various color temperatures are available. MARS Wall Wash recessed enables a discrete integration with a visible height of only 10mm sticking out of the ceiling. The luminaire is delivered with a PSU.

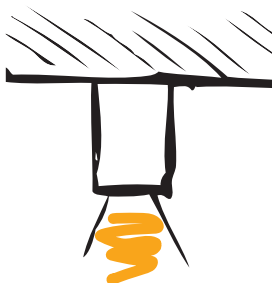


# VARIABILITIES

Recessed with trim



Surface / Ceiling



Colors



Black profile with  
black glare reduction

Silver profile with  
silver glare reduction



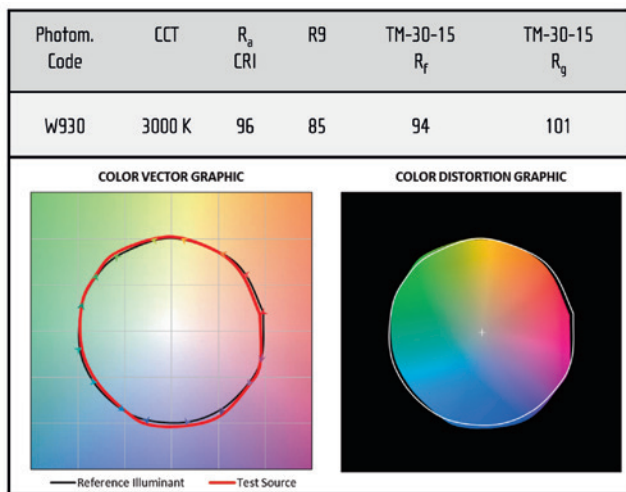
White profile with  
black glare reduction



# TECHNICAL DATA

- High lumen output of 4,090 lm
- Color temperatures available in: 2,200 K – 5,000 K
- Efficiency up to 90 lm/W
- CRI: up to 98
- Lifetime 60,000 h L80/B10
- IP20
- Available in White and Tunable White

MARS Wall Wash offers a high flexibility to lighting designers and architects, making its implementation possible in any architectural concept. The combination of features all add up to an extraordinary luminaire.



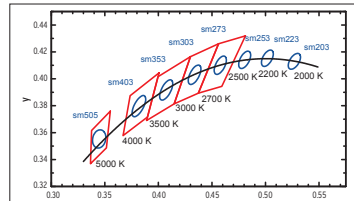


# LIGHTING INNOVATIONS



**ONE  
BIN  
ONLY**

Color consistency plays a key role as much as homogeneity in any linear lighting application. To ensure an outstanding quality of the light, LED Linear™ introduced One Bin Only which ensures that all LEDs used in our luminaires are picked from one bin centered on the target CCT within a 3 step MacAdams Ellipse. They are used to determine visual color deviations and indicate differences in light color of individual LEDs. 3 step MacAdam ensures a color variation unnoticeable by the human eye and therefore an optimal lighting quality.



Black Body Curve —  
LED Linear™ Binning —  
ANSI Binning —



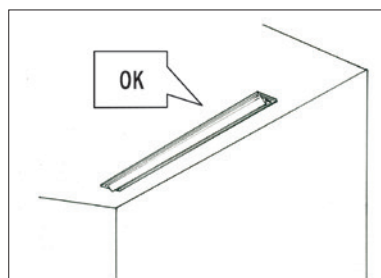
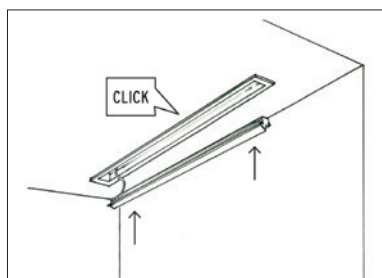
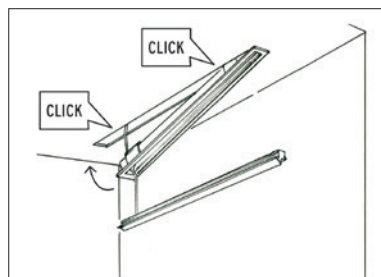
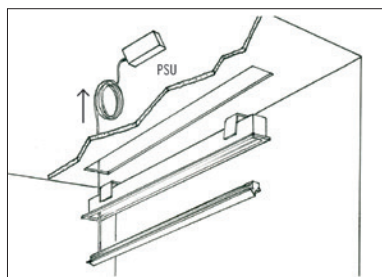
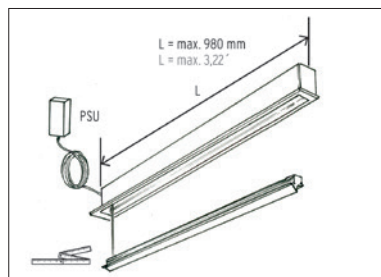
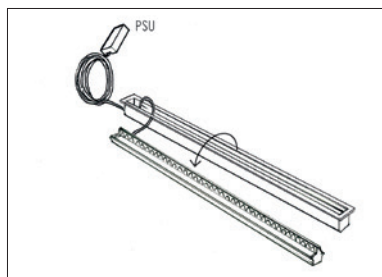
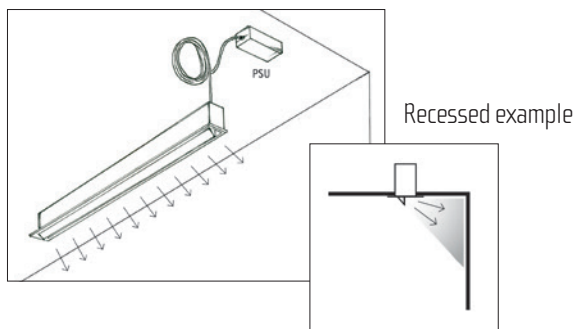
The LED Linear „LEDs Click technology“ is the installers new best friend. The installation has become just as easy as it sounds. Just click and the luminaire is installed.



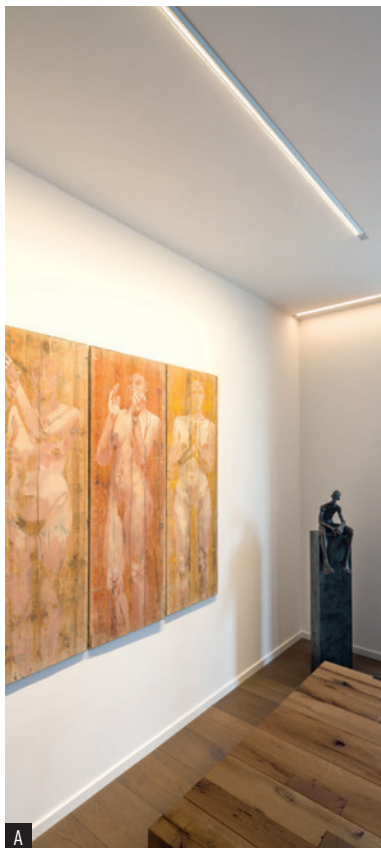
## CHIP SCALE PACKAGES (CSP) LED

LED Tape based on the innovative and high quality Chip Scale Package (CSP) LED technology, with 3 step MacAdams (SDCM3) binning, perfectly suited for optics integration due to small emission surface of 1 mm<sup>2</sup> and high CRI > 95.

# MOUNTING



# REFERENCES



A Living areas with tunable white lighting get a pleasant atmosphere



Signal effect for objects and area-specific illumination



A Perfect for precise lighting in galleries or museums



Restrained illumination of corridors

Please scan the QR Code for more  
detailed information about  
MARS Wall Wash IP20

