

GRIGIO - Surface-Mounted Tear-Drop fitting LEMON with LED-Module Clean Room Lighting

Technical Concept



Flow-optimized aluminium-profile surface mounted fixture with yellow-light LED modules (about 540nm) and linear-prismatic acrylic satine cover for special applications in cleanrooms, IP43 - optional accessories

Lighting technology

- drop-shaped photometric linear-prismatic acrylic-satine cover for optimized visual perception and homogeneous soft, diffuse angled light distribution and laminar flow areas
- highly reflective, with special photometric finish white-painted equipment rack
- equipped with unique and efficient yellow LED-modules (peak 540nm), no UV-light
- extremely efficient by low energy consumption and higher light output (about 70% better than fluorescent lamp - board up to 160lm/W)
- extraordinary durability: about 50,000h. medium lifetime (L80/B10) at t=25°C
- optionally: dimmable / emergency lighting

Housing technology

- surface mounted housing made of extruded aluminum profile, lasered encapsulating head pieces with flush integrated screw connection, especially designed for Exyte cleanroom ceiling
- resistant against environmental influences, detergent and disinfectant anodised (natural aluminium E6/EV1, alternative white powder-coated RAL9010)
- with enhanced impact resistant and flow optimized photometric cover profile made of linear-prismatic satined acrylic-glass
- no filter foil necessary, yellow light by specific LED
- protection category IP43
- optional light-band-assembly version

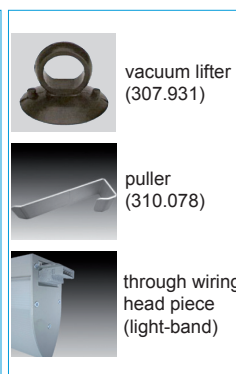
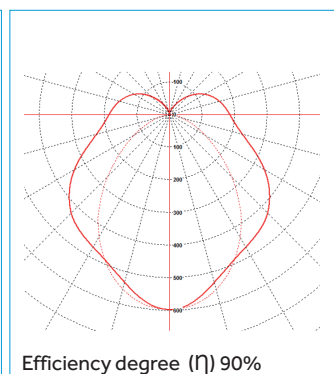
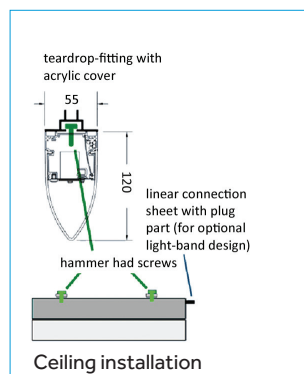
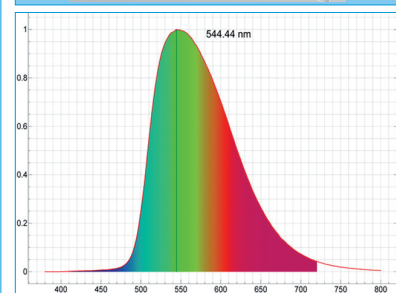
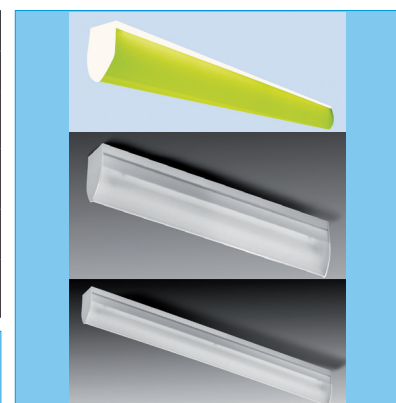
Operation and connection technology

- ready for connection wiring, with five special line entries in housing bottom (2 frontal each + 1 centred), internal 3-pin plug terminal for power supply line to be led through the ceiling for connection
- optionally feed-thru-wiring-kit for light band assembly
- for immediate use equipped with yellow light LED modules
- with integrated electronic driver 220-240V / 50-60Hz, optionally dimmable
- optionally emergency lighting equipment
- assembly conform with VDE (ENEC)
- basic-type UL-certified

Installation and maintenance

- fixture designed for surface mounting technology, fastening parts kit enclosed
- housing bottom designed for special screw connection with Exyte-ceiling profile
- revision of LED module possible (photo-metric cover sidewise clipped on aluminium profile, removabele with vacuum lifting pad (#307.931) and detaching tool from below)
- optional light-band assembly with special feed thru wiring and head pieces kit
- protection category: IP43
- protection class: 1
- manufacturer: M + W Products GmbH
- weight per fitting: approx. 2,5kg

| Type | Power [W] | | Light flux [lm] | | Dimensions [mm] | | |
|---------------|-----------|-------|-----------------|-------|-----------------|-------|--------|
| | System | Board | System | Board | Length | Width | Height |
| L-LED-TDL600 | 13 | 12.5 | 1.800 | 2.000 | 600 | 55 | 120 |
| L-LED-TDL900 | 20 | 19.0 | 2.700 | 3.000 | 900 | 55 | 120 |
| L-LED-TDL1200 | 26 | 25.0 | 3.600 | 4.000 | 1.200 | 55 | 120 |
| L-LED-TDL1500 | 33 | 32.0 | 4.500 | 5.000 | 1.500 | 55 | 120 |



Exyte Technology GmbH
 Rosine-Starz-Str. 2-4
 71272 Renningen, Germany
 Phone +49 711 8804-8000
 Email info@exyte-technology.net

exyte-technology.net