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PRODUCT DATA SHEET
Hydra WW-CW
Code : 05606500

PRODUCT FAMILY
- High efficiency LED Warm White+Cool White strip with adhesive film, for indoor use (IP20)
- High efficiency LED Warm White+Cool White strip with adhesive film, for outdoor/indoor use (IP65/68)

MATERIAL CHARACTERISTICS
- Flexible PCB with expanded copper tracks (0,1mm thick) with 3M LSE300 adhesive film (IP20/65/68)
- Led chip protected by a polyurethane glue coating to ensure high resistance to low temperatures and yellowing (IP65)
- LED chip protected by a polyurethane glue coating and silicone sheath to ensure high resistance to low temperatures and yellowing (IP68)

WEIGHT
strip led:
   - 85g/5m (IP20)
   - 200g/5m (IP65)
   - 340g/5m (IP65)

single package:
   - 106g (190x200x18mm) (IP20)
   - 224g (190x200x18mm) (IP65)
   - 365g (190x200x18mm) (IP68)

LIGHTING CHARACTERISTICS
- LED's with a frontal light throw, beam 120°
- 120 LED's/m
- Remote control and data controller for mixing the color tones
- Alternation of 1 LED 2700K and 1 LED 6000K
- Anti-static packaging
- 3 ounces copper thickness
- Led's 2835

WIRING CHARACTERISTICS
- Driver connection simplified via a pre-wired cable complete with watertight connector IP65 and IP68 (included).
- The strip can be cut in units of 10cm by using scissors
- Maximum length 8m, with low luminous decay and hight uniformity

INSTALLATION AND ORDINARY MAINTENANCE CHARACTERISTICS
- The strip must be installed on a heat sink (aluminium profile or equivalent)
- Installation can be carried out by using the 3M LSE300 thermal conductive tape on rigid profiles, available as accessories for exposed installation
- Ordinary maintenance not necessary

DIMENSIONS
- 10x3mm in reels of 5m (IP20)
- 12x6mm in reels of 5m (IP65)
- 12x6mm in reels of 5m (IP68)

COMPULSORY ACCESSORIES (TO BE ORDERED SEPARATELY):
- Remote controller WI-FI Cod. 0599.6504
- Data controller WI-FI Cod. 0599.6505

OPTIONAL ACCESSORIES (TO BE ORDERED SEPARATELY):
- Aluminium profile:
   - Cod. 0590.0000 Non-recessed u-shaped profile
   - Cod. 0591.0000 Finned recessed profile
   - Cod. 0592.0000 V-shaped profile
   - Cod. 0590.0001 High dissipation profile
   - Cod. 0591.0001 Recessed profile for drywall
   - Cod. 0593.0000 Non-recessed u-shaped profile (2 strips) (no for double strips led IP65 and IP68)
   - Cod. 0594.0000 Finned recessed profile (2 strips) (no for double strips led IP65 and IP68)

- Driver:
   - Cod. 0599.2002 Meanwell 75W IP20 - 24VDC
   - Cod. 0599.2003 Meanwell 150W IP20 - 24VDC
   - Cod. 0599.6704 Meanwell 60W IP67 - 24VDC
   - Cod. 0599.6705 Meanwell 120W IP67 - 24VDC

- Side closing caps:
   - Cod. 0596.0000 Side closing caps for profile 0590.0000 (n°2 pieces)
   - Cod. 0596.0001 Side closing caps for profile 0591.0000 (n°2 pieces)
   - Cod. 0596.0002 Side closing caps for profile 0592.0000 (n°2 pieces)
   - Cod. 0596.0003 Side closing caps for profile 0593.0000 (n°2 pieces)
   - Cod. 0596.0004 Side closing caps for profile 0594.0000 (n°2 pieces)
   - Cod. 0596.0005 Side closing caps for profile 0590.0001 (n°2 pieces)
   - Cod. 0596.0006 Side closing caps for profile 0591.0001 (n°2 pieces)

- Fixing clips:
   - Cod. 0597.0001 Fixing clips for profile 0590.0000-0591.0000 (n°2 pieces)
   - Cod. 0597.0002 Fixing clips for profile 0592.0000 (n°2 pieces)
   - Cod. 0597.0003 Fixing clips for profile 0593.0000-0594.0000 (n°2 pieces)
   - Cod. 0597.0004 Fixing clips for profile 0590.0001 (n°2 pieces)

- Strip connection kit Cod. 0598.0000

TECHNICAL SPECS
• Luminaire consumption: 14,4W/m
• Maximum length: 8m
• Chip Led's: 2835
• Number of LED's/m: 120
• CRI: >80
• Step McAdam: 3
• Lifetime Led: 30Kh
• RG: 0
• Nominal voltage: 24VDC
• Beam: 120°
• Insulation class: III

TECHNICAL SPECS 2700/6000K - IP20
• LED's output: 1417lm@tc25°C
• Luminaire output: 1417lm@ta25°C

TECHNICAL SPECS 2700/6000K - IP65
• LED's output: 1417lm@tc25°C

• Luminaire output: 1400lm@ta25°C

TECHNICAL SPECS 2700/6000K - IP68
• LED's output: 1417lm@tc25°C
• Luminaire output: 1385lm@ta25°C

Rev. 1 - 12/09/19

Details
• Conformity with CEE directives
• Class III
• IP

14,4W/mt