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PRODUCT DATA SHEET

Hydra 14.4W/mt

Code : 05522082

PRODUCT FAMILY

- High efficiency LED strip with adhesive film, for indoor use (IP20)
- High efficiency LED 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:

- 90g/5m (IP20)
- 200g/5m (IP65)
- 340g/5m (IP65)

single package:

- 128g (190x200x18mm) (IP20)
- 224g (190x200x18mm) (IP65)
- 365g (190x200x18mm) (IP68)

LIGHTING CHARACTERISTICS

- LED's with a frontal light throw, beam 120°
- 120 LED's/m
- 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 5cm by using scissors
- Maximum length 8m, with low luminous decay and high 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)
- 10x4mm in reels of 5m (IP65)
- 12x6mm in reels of 5m (IP68)

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 IP68)
 - Cod. 0594.0000 Finned recessed profile (2 strips) (no for double strips led 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

- Remote controller WI-FI Cod. 0599.6504
- Data controller WI-FI Cod. 0599.6505

TECHNICAL SPECS

- Luminaire consumption: 14,4W/m
- Maximum length: 8m
- Chip Led's: 2835
- Number of LED's/m: 120
- Step McAdam: 3
- Lifetime Led: 30Kh

TECHNICAL SPECS 4000K - IP20

- LED's output: 1418lm@tc25°C
- Luminaire output: 1418lm@ta25°C
- Luminous efficacy: 98lm/W

TECHNICAL SPECS 3000K - IP20

- LED's output: 1375lm@tc25°C
- Luminaire output: 1375lm@ta25°C
- Luminous efficacy: 95lm/W

TECHNICAL SPECS 4000K - IP65

- LED's output: 1418lm@tc25°C
- Luminaire output: 1382lm@ta25°C
- Luminous efficacy: 96lm/W

TECHNICAL SPECS 3000K - IP65

- LED's output: 1375lm@tc25°C
- Luminaire output: 1361lm@ta25°C

- Luminous efficacy: 95lm/W

TECHNICAL SPECS 4000K - IP68

- LED's output: 1418lm@tc25°C
- Luminaire output: 1368lm@ta25°C
- Luminous efficacy: 95lm/W

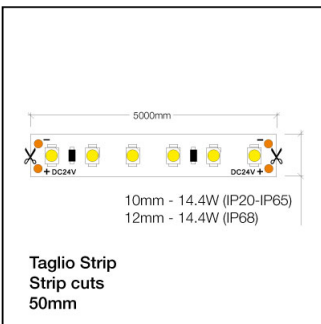
TECHNICAL SPECS 3000K - IP68

- LED's output: 1375lm@tc25°C
- Luminaire output: 1346lm@ta25°C
- Luminous efficacy: 93lm/W

Rev. 1 - 12/09/19

Details

- Conformity with CEE directives
- Class III
- RG0
- CRI>80
- CLASS A+
- IP



24VDC 14,4W/mt

