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## PRODUCT DATA SHEET

### Hydra 19.2W/mt

Code : 05536884

#### 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. 0590.0001 High dissipation profile
  - Cod. 0591.0001 Recessed profile for drywall
- 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. 0596.0005 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. 0597.0004 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: 19,2W/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: 1824lm@tc25°C
- Luminaire output: 1824lm@ta25°C
- Luminous efficacy: 95lm/W

#### TECHNICAL SPECS 3000K - IP20

- LED's output: 1785lm@tc25°C
- Luminaire output: 1785lm@ta25°C
- Luminous efficacy: 93lm/W

#### TECHNICAL SPECS 4000K - IP65

- LED's output: 1824lm@tc25°C
- Luminaire output: 1805lm@ta25°C
- Luminous efficacy: 94lm/W

#### TECHNICAL SPECS 3000K - IP65

- LED's output: 1785lm@tc25°C
- Luminaire output: 1776lm@ta25°C
- Luminous efficacy: 93lm/W

#### TECHNICAL SPECS 4000K - IP68

- LED's output: 1824lm@tc25°C
- Luminaire output: 1785lm@ta25°C
- Luminous efficacy: 93lm/W

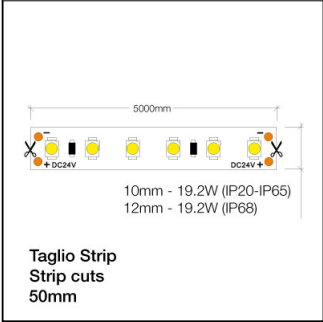
#### TECHNICAL SPECS 3000K - IP68

- LED's output: 1785lm@tc25°C
- Luminaire output: 1756lm@ta25°C
- Luminous efficacy: 92lm/W

Rev. 1 - 12/09/19

#### Details

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



24VDC 19,2W/mt

