

This document is exclusive MARECO LUCE s.r.l., is strictly prohibited disclosure or reproduction, even partial, as well the use of without written consent of MARECO LUCE s.r.l..The company reserves the right to change models, dimensions and materials at any time without notice.

## PRODUCT DATA SHEET

### Hydra 4.8W/mt

Code : 05506882

#### 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:

- 80g/5m (IP20)
- 190g/5m (IP65)
- 340g/5m (IP65)

##### single package:

- 118g (190x200x18mm) (IP20)
- 228g (190x200x18mm) (IP65)
- 365g (190x200x18mm) (IP68)

#### LIGHTING CHARACTERISTICS

- LED's with a frontal light throw, beam 120°
- 60 LED's/m
- Anti-static packaging
- 2 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 10m, 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

- 8x3mm in reels of 5m (IP20)
- 8x4mm in reels of 5m (IP65)
- 10x6mm 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)
  - Cod. 0594.0000 Finned recessed profile (2 strips)
- 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: 4,8W/m
- Maximum length: 10m
- Chip Led's: 2835
- Number of LED's/m: 60
- Step McAdam: 3
- Lifetime Led: 30Kh

#### TECHNICAL SPECS 4000K - IP20

- LED's output: 480lm@tc25°C
- Luminaire output: 480lm@ta25°C
- Luminous efficacy: 100lm/W

#### TECHNICAL SPECS 3000K - IP20

- LED's output: 473lm@tc25°C
- Luminaire output: 473lm@ta25°C
- Luminous efficacy: 99lm/W

#### TECHNICAL SPECS 4000K - IP65

- LED's output: 480lm@tc25°C
- Luminaire output: 473lm@ta25°C
- Luminous efficacy: 99lm/W

#### TECHNICAL SPECS 3000K - IP65

- LED's output: 473lm@tc25°C
- Luminaire output: 458lm@ta25°C

- Luminous efficacy: 95lm/W

TECHNICAL SPECS 4000K - IP68

- LED's output: 480lm@tc25°C
- Luminaire output: 456lm@ta25°C
- Luminous efficacy: 95lm/W

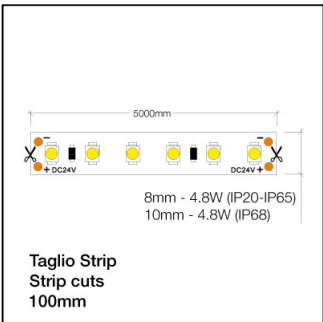
TECHNICAL SPECS 3000K - IP68

- LED's output: 473lm@tc25°C
- Luminaire output: 446lm@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 4.8W/mt

