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PRODUCT DATA SHEET

Hydra RGB

Code : 05716583

PRODUCT FAMILY

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

- 82g/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°
- 60 LED's/m
- Anti-static packaging
- 3 ounces copper thickness
- Led's 5050

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 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)
- 12x6mm in reels of 5m (IP65)
- 12x6mm in reels of 5m (IP68)

COMPULSORY ACCESSORIES (TO BE ORDERED SEPARATELY):

- Remote controller WI-FI RGB Cod. 0599.6506
- Data controller WI-FI RGB Cod. 0599.6507

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

- RGB signal power amplifier Cod. 0599.0000

TECHNICAL SPECS

- Luminaire consumption: 14W/m
- Maximum length: 8m
- Chip Led's: 5050
- Number of LED's/m: 60
- CRI: >80
- Step McAdam: 3
- Lifetime Led: 30Kh
- RG: 0
- Nominal voltage: 24VDC
- Beam: 120°
- Insulation class: III

Rev. 1 - 12/09/19

Details

- Conformity with CEE directives
- Class III
- IP



14W/mt