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## PRODUCT DATA SHEET

### Puk 80

**Code : 0810482N**

#### PRODUCT FAMILY

- Outdoor Led floodlight for ground, wall or ceiling installation (IP66)

#### MATERIAL CHARACTERISTICS

- Housing/wiring compartment in die-cast aluminium (ADC12) anodized and painted
- Diffuser in flat, transparent tempered glass (4mm thick)
- White PC (polycarbonate) deflector
- Bracket made of hot-dip galvanised steel 75m UNI EN 1461 and painting
- Polyester powder coating with a pretreatment (Phosphochromating method) to ensure high protection against weathering
- Silicone gasket
- A2 stainless steel screws with vandal-proof imprint

#### COLOUR

- Black

#### WEIGHT

- Single package: 4,4Kg (440x420x115mm)

#### LIGHTING CHARACTERISTICS

- LED's lighting source in fixed position
- Monochromatic LED module (160 Led's - 72.1W)
- Immediately ON at 100% of the light flux
- PMMA (acrylic) high transmittance lenses with 30°, 60°, 70°x150° and 150°x80° beams
- Non yellowing, transparent PMMA (acrylic) lens
- CUT-OFF luminaire in compliance with the regional laws against light pollution (only in horizontal position at 0°)
- Led's Lumileds Luxeon 3030 2D

#### WIRING CHARACTERISTICS

- Built-in driver programmable with virtual midnight
- Connection to the mains via cable pre-connected to the luminaire
- Outward cable for mains connection 3 poles H05RN-F 2x1mm<sup>2</sup>, 300mm long
- Equipped with osmotic valve for leakage of air and humidity
- Plastic M12x1.5mm cable gland

#### INSTALLATION AND ORDINARY MAINTENANCE CHARACTERISTICS

- Luminaire for direct installation on ground, wall or ceiling through the supplied bracket
- Bracket to be fixed to the mounting surface through 2 plugs (not included)
- The bracket allows a ± 90 °adjustment of the luminaire
- Ordinary maintenance to be conducted by unscrewing the vandal-proof screws fixing the diffuser
- Extraordinary maintenance not necessary

#### DIMENSIONS

- 393x394x56mm

#### TECHNICAL SPECS 4000K

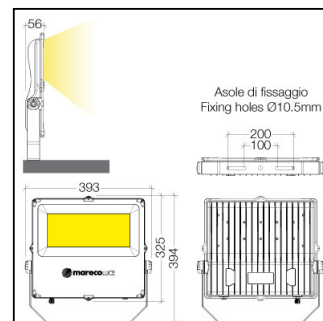
- LED's type: Lumileds Luxeon 3030 2D
- Step MacAdam: 3
- Lifetime LED's: L70/B50>60Kh - Tc115°C
- Lifetime Driver: 50Kh
- Over voltage protection: CM10KV, DM5KV
- Warranty: 2 years
- LED's output: 12989lm@tc25°C
- Luminaire output beam optics 30°: 11464lm@ta25°C
- Luminaire output beam optics 60°: 11045lm@ta25°C
- Luminaire output beam optics 120°: 10806lm@ta25°C
- Luminaire output beam optics 70°x150°: 11321lm@ta25°C

- Luminaire output beam optics 150°x80°: 11006lm@ta25°C
- Power factor: >0.97
- LED's consumption: 71.4W
- Luminaire output: 80W
- LED's efficiency beam optics 30°: 160lm/W
- LED's efficiency beam optics 60°: 154lm/W
- LED's efficiency beam optics 120°: 151lm/W
- LED's efficiency beam optics 70°x150°: 158lm/W
- LED's efficiency beam optics 150°x80°: 153lm/W
- Luminaire efficiency beam optics 30°: 142lm/W
- Luminaire efficiency beam optics 60°: 137lm/W
- Luminaire efficiency beam optics 120°: 134lm/W
- Luminaire efficiency beam optics 70°x150°: 140lm/W
- Luminaire efficiency beam optics 150°x80°: 136lm/W

Rev. 3 - 26/01/21

#### Details

- Conformity with CEE directives
- RG1
- CRI>70
- CLASS A++
- CLASS A+
- VIRTUAL MIDNIGHT
- IP 66



100-240V 50/60Hz 80W						
CE	RG	CRI ≥70	A++	A+	Ⓢ	IP66

