

Varoptic™ Datasheet (4 Mantle)

48W – 2700K – 80 CRI

| Description | | Value | Unit |
|--------------------------------------|--|---|------------------|
| Product Characteristics | | | |
| Pudsey Diamond Engineering Reference | | 4 LED module – 900007202-4 | |
| Classification | | Class 1 | |
| Design attitude (operating position) | | 0° | Degrees |
| Weight ¹ | | 4.5 | Kg |
| Rated Ambient Temperature | | 25 | °C |
| Rated Luminaire Efficacy | | 66.4 | lm/W |
| Driver Model | Philips Xitanium LED Xtreme 70W | Xi FP 70W 0.3-1.0A NLD C150 230V C150 sXt | |
| Control | Preset, DALI, Profile, LineSwitch 3-step, LineSwitch single-step | | 10 – 100% |
| Electrical Characteristics | | | |
| Rated Voltage | | 220 – 240 | V |
| Max input Power | | 54 | VA |
| Max Output Power | | 48 | W |
| Power Factor | | 0.98 | |
| Input Frequency | | 50/60 | Hz |
| Service Type | | Normal | |
| Charge Code (UMSUG) | | Lower limit | 42 0011 0000 100 |
| | | Upper limit | 42 0053 0000 100 |
| Optical Characteristics | | | |
| LED / Number | | CREE XHP-50B / 4 | |
| LED Efficacy | | 105 | lm/W |
| Luminaire Lumen Output ² | | 3,502 | Lm |
| Correlated Colour Temperature (CCT) | | 2,700 | °K |
| Colour Rendering Index (CRI) | | 80 | |
| S/ P Ratio | | 1.2 | |
| Photometric Code | | 827 229 | |
| Lumen Maintenance Factor | | L90B10 > 100,000 | |
| LED optics | | Pudsey Diamond Mantle | |
| LED Optics – Material | | Photopolymer Resin | |
| Photometric files | | Available on request | |

¹ Weight may vary depending on lantern style, contact Pudsey Diamond Engineering Ltd for further info

² Lumen output based on Urbis Albany lantern, contact Pudsey Diamond Engineering Ltd for alternative lanterns