

Varoptic™ Datasheet (3 Mantle)

36W – 3000K – 70 CRI

Description		Value	Unit
Product Characteristics			
Pudsey Diamond Engineering Reference		3 LED module – 900007202-3	
Classification		Class 1	
Design attitude (operating position)		0°	Degrees
Weight ¹		4.3	Kg
Rated Ambient Temperature		25	°C
Rated Luminaire Efficacy		74.2	lm/W
Driver Model	Philips Xitanium LED Xtreme 70W	Xi FP 70W 0.3-1.0A NLD C150 230V C150 sXt	
Control	Pre-set, DALI, Profile, Line-Switch 3-step, Line-Switch single-step		10 – 100%
Electrical Characteristics			
Rated Voltage		220 – 240	V
Max input Power		42.5	VA
Max Output Power		36	W
Power Factor		0.97	
Input Frequency		50/60	Hz
Service Type		Normal	
Charge Code (UMSUG)		Lower limit	42 0008 0000 100
		Upper limit	42 0041 0000 100
Optical Characteristics			
LED / Number		CREE XHP-50B / 3	
LED Efficacy		121	Lm/W
Luminaire Lumen Output ²		3,059	Lm
Correlated Colour Temperature (CCT)		3,000	°K
Colour Rendering Index (CRI)		70	
S/ P Ratio		1.2	
Photometric Code		827 559	
Lumen Maintenance Factor		L90B10 > 100,000	
LED optics		Pudsey Diamond Mantle & Reflector	
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