

Varoptic™ Datasheet (8 Mantle)

96W – 3000K – 70 CRI

Description		Value	Unit
Product Characteristics			
Pudsey Diamond Engineering Reference		8 LED module – 900007202-8	
Classification		Class 1	
Design attitude (operating position)		0°	Degrees
Weight ¹		5.3	Kg
Rated Ambient Temperature		25	°C
Rated Luminaire Efficacy		80	lm/W
Driver Model	Philips Xitanium LED Xtreme 110W	Xi FP 110W 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		100	VA
Max Output Power		96	W
Power Factor		0.99	
Input Frequency		50/60	Hz
Service Type		Normal	
Charge Code (UMSUG)		Lower limit	42 0021 0000 100
		Upper limit	42 0099 0000 100
Optical Characteristics			
LED / Number		CREE XHP-50B / 8	
LED Efficacy		121	lm/W
Luminaire Lumen Output ²		7,957	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	
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