

Varoptic™ Datasheet (7 Mantle)

84W – 2700K – 80 CRI

Description		Value	Unit
Product Characteristics			
Pudsey Diamond Engineering Reference		7 LED module - 900007207	
Classification		Class 1	
Design attitude (operating position)		0°	Degrees
Weight ¹		5.1	Kg
Rated Ambient Temperature		25	°C
Rated Luminaire Efficacy		68.6	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		89	VA
Max Output Power		84	W
Power Factor		0.99	
Input Frequency		50/60	Hz
Service Type		Normal	
Charge Code (UMSUG)		Lower limit	42 0018 0000 100
		Upper limit	42 0088 0000 100
Optical Characteristics			
LED / Number		CREE XHP-50B / 7	
LED Efficacy		105	lm/W
Luminaire Lumen Output ²		6,054	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