

Varoptic™ Datasheet (3 Mantle)

36W – 2700K – 70 CRI

Description		Value	Unit
Product Characteristics			
Pudsey Diamond Engineering Reference		3 LED module – 900007202-3-XX-X-X	
Classification		Class 1	
Design attitude (operating position)		0°	Degrees
Weight ¹		4.3	Kg
Rated Ambient Temperature		25	°C
Rated Luminaire Efficacy (Lumens / circuit Watt)		82.5	lm/W
Driver Model	Osram Outdoor LED Driver – 40W	OT 40/170-240/1A0 4DIM NFC E	
Control	Preset, DALI, Profile, LineSwitch 3-step, LineSwitch 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		NICHIA NV4L144ART LED	
LED Efficacy		130	Lm/W
Luminaire Lumen Output ²		3,200	Lm
Correlated Colour Temperature (CCT)		2,700	°K
Colour Rendering Index (CRI)		70	
S/ P Ratio		1.2	
Photometric Code		727 339	
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 Pudsey Diamond Austen lantern, contact Pudsey Diamond Engineering Ltd for alternative lanterns