

# NEWGEN™ UV LED / ARC Flood & Focused Beam Series

Highly Versatile (Mountable & Expandable)  
Robust with Exceptional Reliability



Configuration	L1044	L1055	L1066	L2068	L2088	L2812	L3018	L51212	F100	F200	F200P	F900P	F400	F500																												
Type of Lamp	LED Flood, Programmable	LED Flood, Programmable	LED Flood, Programmable	LED Flood, Programmable	LED Flood, Programmable	LED Flood, Programmable	LED Focused Beam, Programmable	LED Flood, Programmable	ARC Flood	ARC Flood	ARC Flood, Programmable	ARC Flood, Programmable	ARC Flood, Handheld	ARC Focused Beam, Handheld																												
Models																																										
Intensity in mW/cm <sup>2</sup> <i>(Measured with EIT Power Puck, distance from lamp base)</i>	UVA	UVV	UVA	UVV	UVA	UVV	UVA	UVV	UVA	UVV	UVA	UVV	UVA	UVV	UVA	UVV	UVA	UVV	UVA	UVV	UVA	UVV	UVA	UVV	UVA	UVV																
	@0.5"	2750	139	2200	112	1930	91	1650	70	1380	59	1240	56	8750	1380	70	270	235	360	330	360	330	360	330	455	420	570	505														
	@1.0"	2540	127	2040	105	1780	87	1530	69	1270	58	1150	55	8000	1270	64	245	215	320	300	320	300	320	300	415	390	535	480														
	@1.5"	2420	120	1940	99	1700	84	1460	68	1210	57	1090	54	7500	1210	60	215	190	285	270	285	270	285	270	380	360	500	450														
	@2.0"	2370	116	1900	93	1660	81	1430	67	1190	56	1070	53	7200	1190	58	185	165	250	240	250	240	250	240	345	330	465	420														
	@2.5"	2260	111	1810	87	1590	78	1360	66	1130	55	1020	52	6900	1130	56	155	140	215	210	215	210	215	210	310	300	435	390														
	@3.0"	2070	101	1660	82	1450	75	1250	65	1040	54	940	51	6750	1040	51																										
@4.0"	1550	82	1240	77	1090	72	930	64	780	53	700	50	6600	780	41																											
Intensity Adjustment	LED Controller														No		Yes				No																					
Available Wavelengths	365 , 395, 405														256, 320 , 365																											
Working Distance	1.5" - 4.0"														1.5" - 3"				1" - 3"		1" (Optimum)																					
Expected Bulb Life*	> 20,000 hrs														> 2,000 hrs																											
Intensity Decay over Life	20%														45%																											
Static Uniformity @ 2.0"	0.78																																									
Dynamic Uniformity @ 3.0"	0.90																																									
Curing Area	4" x 4"	5" x 5"	6" x 6"	6" x 8"	8" x 8"	8" x 12"	1" x 8"	12" x 12"							6" x 8"				12" x 16"				5" x 5"	3" x 5"																		
Curing Box Adjustable Heights (optional purchase)	3.5" Max Distance														1.75", 3.5", 5.25", 7.0", 9.0"										Not Applicable	Not Applicable																
Temperature Management	Forced Air with Standby Mode																																									
Power Input	100-240V, 50/60Hz, Auto-Ranging																																									
External Control Port	LCD Programmable Panel														None				LCD Programmable Interactive Panel				None																			
Ordering Part Number	L1044-365 L1044-395 L1044-405	L1055-365 L1055-395 L1055-405	L1066-365 L1066-395 L1066-405	L2068-365 L2068-395 L2068-405	L2088-365 L2088-395 L2088-405	L2812-365 L2812-395 L2812-405	L3018-365 L3018-395 L3018-405	L51212-365 L51212-395 L51212-405	F100-1A (UVA) F100-1B (UVB) F100-1C (UVC)	F200-1A (UVA) F200-1B (UVB) F200-1C (UVC)	F200P-1A (UVA) F200P-1B (UVB) F200P-1C (UVC)	F900P-1A (UVA) F900P-1B (UVB) F900P-1C (UVC)	F400-1A (UVA) F400-1B (UVB) F400-1C (UVC)	F500-1A (UVA) F500-1B (UVB) F500-1C (UVC)																												
Irradiator Dimension/Weight	5.1" x 5.1" x 6.4" (4.6 lb)	6.1" x 6.1" x 6.4" (5.9 lb)	7.1" x 7.1" x 6.4" (5.9 lb)	7.6" x 9.1" x 6.4" (9.2 lb)	9.9" x 9.9" x 3.95" (15.5 lb)	9.1" x 18.1" x 6.4" (18.4 lb)	10.3" x 3.6" x 4.0" (5.5 lb)	14.7" x 14.2" x 21.6" (78 lb)	11" x 10" x 9" (11 lb)	11" x 10" x 9" (11 lb)	11" x 10" x 9" (13 lb)	17.5" x 23" x 7.8" (26.8 lb)	8" x 5" x 6" (3.25 lb)	8" x 5" x 6" (3.25 lb)																												
Controller Dimension/Weight	12.9" x 5.2" x 9" (17.1 lb)				12.9" x 5.2" x 9" (17.1 lb)	13" x 9.1" x 5.2" (14.4 lb)	12.9" x 5.2" x 9" (17.1 lb)	13" x 9.1" x 5.2" (14.5 lb)							B500	B500	B500	B201	Included in Full Complete Set Only																							
Curing Drawer / Box (optional purchase, unless specified)	B300														Request for more information				Included				B500				B500				B500				B201				Included in Full Complete Set Only			
Curing Drawer/Box Dimension	12" x 12" x 5.5"	12" x 12" x 5.5"	12" x 12" x 5.5"	12" x 12" x 5.5"	12" x 12" x 5.5"							12" x 12" x 12"	12" x 12" x 12"	12" x 12" x 12"	20" x 24" x 14"	8" x 5" x 2.6"	8" x 5" x 2.6"																									
Interlock Safety Feature	Integrated when mounted on B300 Curing Drawer														Integrated when mounted on B500 Curing Box				Standby / Full Power On Mode																							
C9000™ Conveyor Mounting	Yes				No				Not Applicable				Yes				Not Applicable				Yes																					