



VALIDATION REPORT

MODEL NUMBER: PM-1600SBLC
STANDARD: Rolls-Royce RRES 90061

SERIAL NUMBER:
PART NUMBER:

TEST DESCRIPTIONS	PARAMETERS	TYPE TEST - NOMINAL			UNIT TEST
		INITIAL SWITCH ON	AFTER Ts	MAX TEMP.	AFTER Ts
Minimum Working Distance	5,000 μ W/cm ²	NA	15 inches (38 cm)	NA	
Maximum Working Distance	1,200 μ W/cm ²	NA	42 inches (107 cm)	NA	
Peak Wavelength	365 +/- 5 nm	367 +/- 2 nm	367 +/- 2 nm	368 +/- 2 nm	
	50% Max FW < 20 nm (FWHM)	10 +/- 1 nm	10 +/- 1 nm	10 +/- 1 nm	
	50% Max +/- 10 nm	-5 /+ 6 nm	-5 /+ 6 nm	-5 /+ 6 nm	
	10% Max FW < 30 nm	22 +/- 3 nm	22 +/- 3 nm	22 +/- 3 nm	
	10% Max +/- 15 nm	-10 /+ 15 nm	-10 /+ 15 nm	-10 /+ 15 nm	
Wavelength Drift	360nm to 370nm	Acceptable	Acceptable	Acceptable	
Visible Light Output	<20 Lux at Minimum Dist <5 Lux at Maximum Dist	2.69 Lux (0.25 fc) at Min	2.69 Lux (0.25 fc) at Min	2.69 Lux (0.25 fc) at Min	
Output Stability	Ts < 20% intensity drop, <3% variation over 60 mins	NA	30 minutes	30 minutes	
Ambient Temperature	10 degrees C to 50 degrees C	25 degrees C	25 degrees C	50 degrees C	
Source Life*	TL70 = 70% initial intensity TL50 = 50% initial intensity	TL70 = 10,000 hours	TL50 = 25,000 hours	NA	NA

NA = Not applicable

*TL70 is defined as seventy percent of factory tested intensity and TL50 is defined as fifty percent of factory tested intensity. These figures are valid for this model provided that the lamp is operated in accordance with manufacturer's instructions and remains in normal working condition. Users should be knowledgeable in the technology to an extent that ensures this model is maintained correctly. The statement of these figures in no way extends the standard warranty period beyond that stated in the manufacturer's Warranty Certificate included with each unit.

Inspector: 
Date: _____


Ken Guidorizzi - Quality Manager

6/16 AM116022
Printed in the U.S.A