



www.suntechleds.com

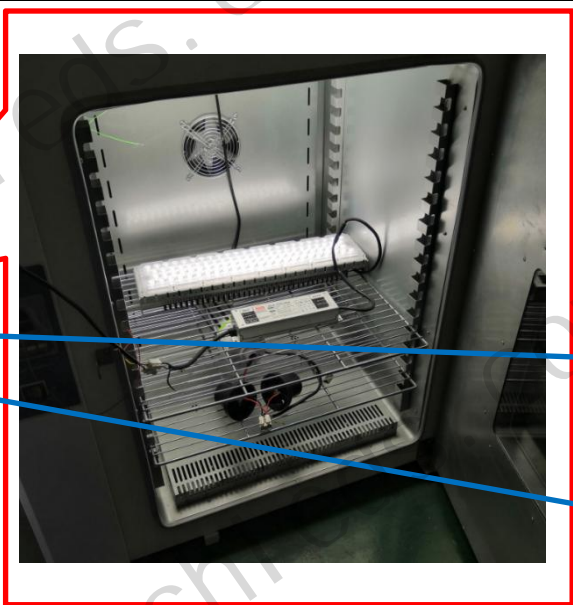
Slim Pro High Mast Light Waterproof Test Report

Product Name:	Slim Pro High Mast Light	Model:	LSHM-240W-LV(50k)pro
Testing Date:	2020,06,2	Test Location	Waterproof Testing Laboratory
Reference Standard:	IEC 60529-2001 , IEC 60598-1:2014	Test Requirement	Whether the waterproof level reaches IP65
Process requirements	No glue at all, all rely on structural waterproofing of waterproof aprons		
Test Methods	Complete immersion water test, water depth 30CM		
Purposes	For avoiding leakage pls check the lens and waterproof rubber ring, radiator, PG head and respirator,		
Result	Soak light in cool machine and hot machine respectively for 24 hours,if internal lens dry means that light is waterproof and up to standard		

Test equipment (oven and tank dimensions: 70*55cm depth of water: 30cm)



Heating in a 45°C oven for 2 hours



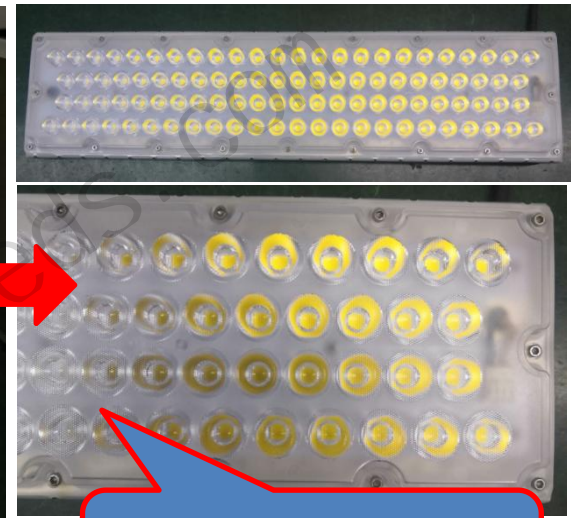
Warm lamp immersion test process (As pictured)



After heating, put it into a 30CM deep water tank for testing and soak it for 24 hours

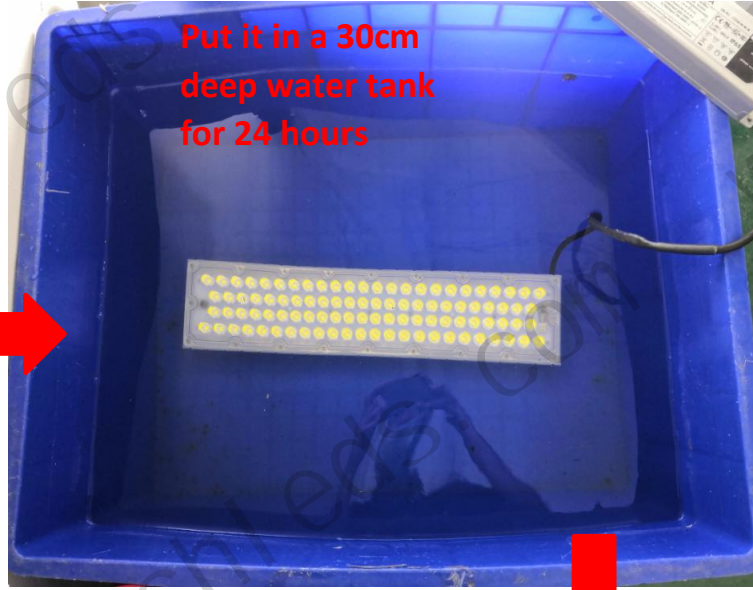


Take out the lamp and put it in a 45°C oven to dry the water

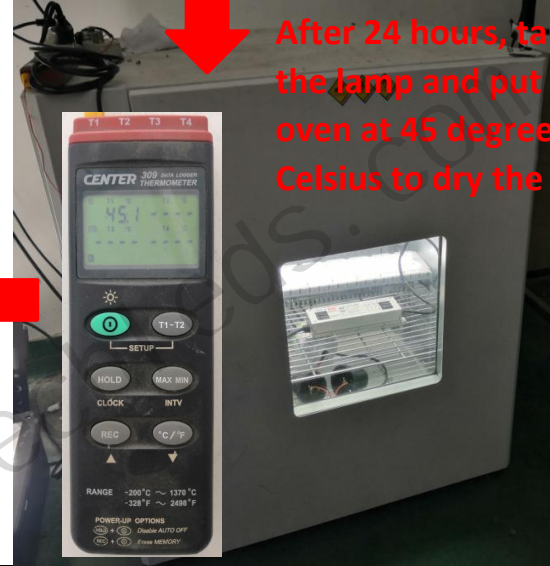


No water vapour inside of the lens after 30 minutes

Cold lamp immersion test process (As pictured)



After 30 minutes, there are no water droplets or mist inside the lens



Lister: Engineer Li

Confirmation:

Audit: