

17/2 Moo 4, Monthong, Bangnampreaw, Chachoengsao 24150 Thailand fac-lb@ligman.com I www.ligman.com

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Report No. SPD160114

Ligman Lighting Company Limited

Manufacturer 17/2 Moo 4, Monthong, Bangnampreaw, Chachoengsao

Thailand.24150

Product name : STEAMER
Brand : LIGMAN

Description of sample

Model / Type : SPD160114

Cover similar design :-

Sample characteristic and condition -

Date received -

Test date 24/2/2020

Test standard Wind speed Simulation



Certified by

THEERAWAT

(THEERAWAT TUBIER)

Product Development Designer

Mechanical Test Group

Date 24/2/2020

Paypriri

(PONGSIRI DUANGSEANG)

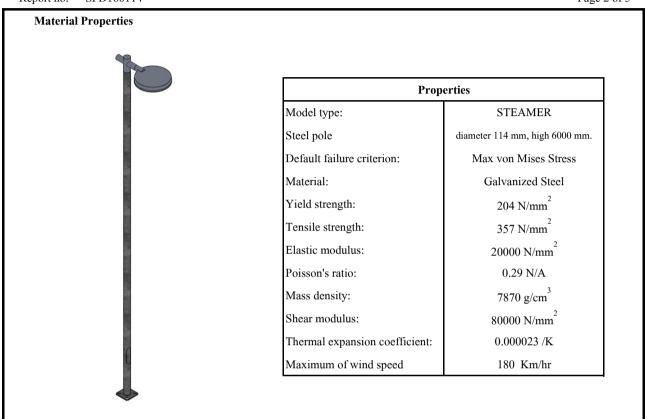
Laboratory Manager

Date 24/2/2020



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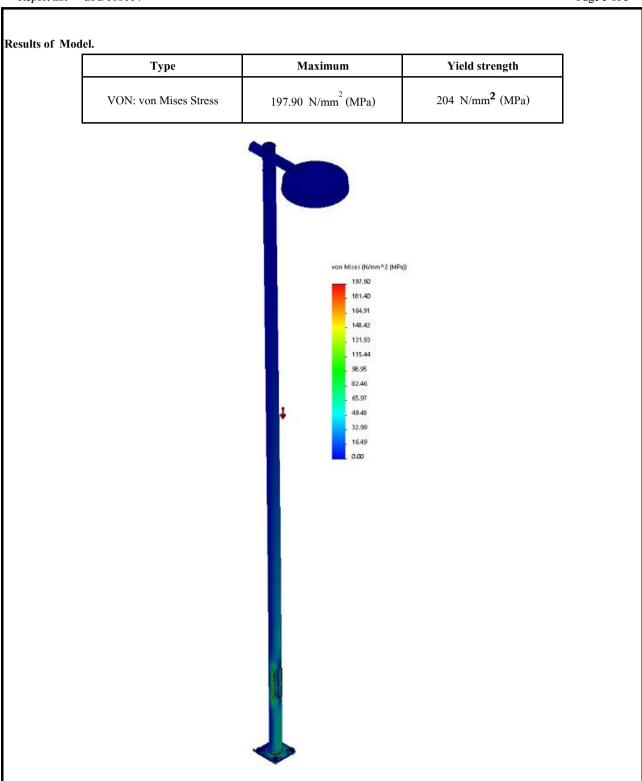


Unit system:	Length/	Temperature	Angular velocity	Pressure/Stress
SI (MKS)	mm	Celsius	Rad/sec	N/mm ² (MPa)



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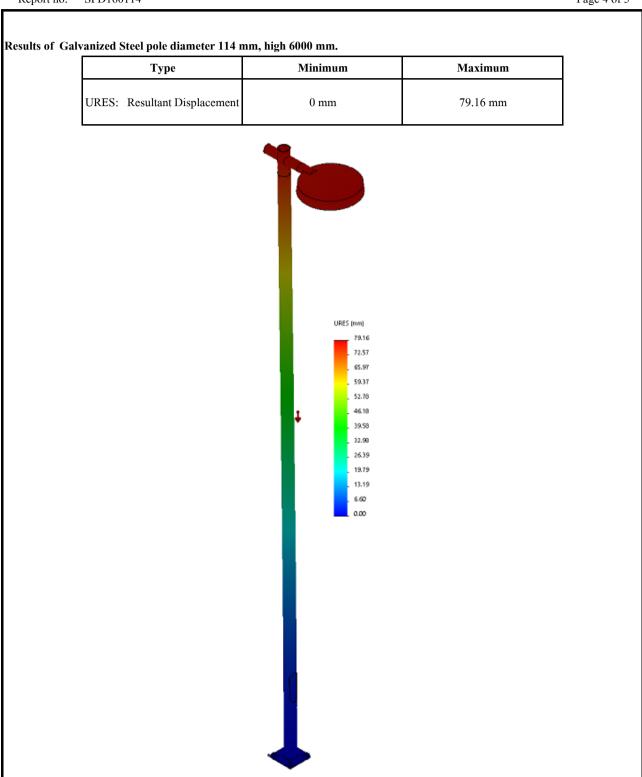
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Summary		
For G	alvanize Steel pole diameter 114 mm, high 6000 mm.	
Result	tant Displacement : Maximum of Resultant Displacement 79.16 mm. < 150 mm. (2.	5% of pole high 6000 mm.)
	PASS FAIL	
	SPD160114 Model: Can withstand wind speed maximum 180	Km/hr
For G	Calvanized Steel pole Model.	
Von M	Mises Stress : Yield strength 197.90 N/mm ² (MPa) < MAX VON Mises Stress	tress 204 N/mm ² (MPa)
	PASS FAIL	
	SPD160114 Model: Can withstand wind speed maximum 180	Km/hr