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## Photometric Test Report

Relevant Standards  
IES LM-79-2008  
ANSI C82.77-2002

**Prepared For**  
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**Catalog Number**  
**LSP9605UU55DV35xxxx**  
Order Number  
11287633  
Test Number  
1248778

Test Date

2016-05-21

Prepared By

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Approved By

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The results contained in this report pertain only to the tested sample.  
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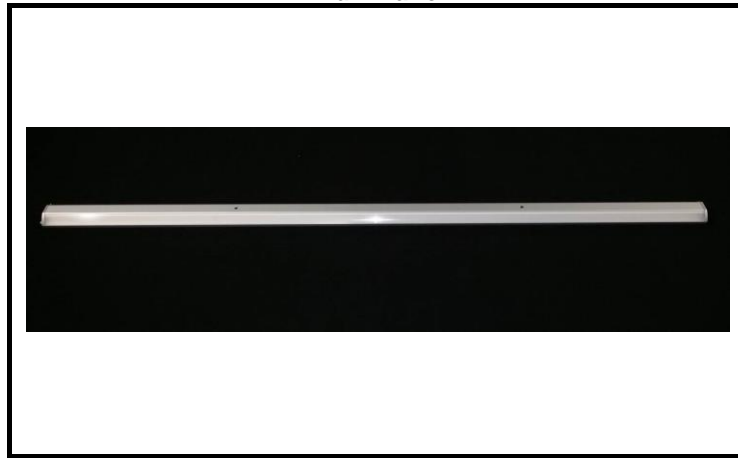
Laboratory results may not be representative of field performance  
Ballast factors have not been applied

Testing was performed in a 3-meter integrating sphere using the  $4\pi$  geometry method.  
Absorption correction was employed for Sphere measurement



**Luminaire Description:** Rectangular formed grey aluminum housing with grey metal back plate, dual sided inner specular reflectors with two (2) frosted lenses  
**Lamp:** 520 White LEDs  
**Mounting:** Recessed/Ceiling  
**Ballast/Driver:** Two (2) SAMJIN LL-P146WS

Luminaire



## Summary of Results

### Integrating Sphere

Luminous Flux:	7423 Lumens
Efficacy:	128.1 lm/w
CCT:	3402 K
CRI (Ra):	84.1

### Electrical Data at 277 VAC

Test Temperature:	25.6 °C
Voltage:	277.1 VAC
Current:	0.2197 A
Power:	58.24 W
Power Factor:	0.957
Frequency:	60 Hz
Current THD:	7.03 %



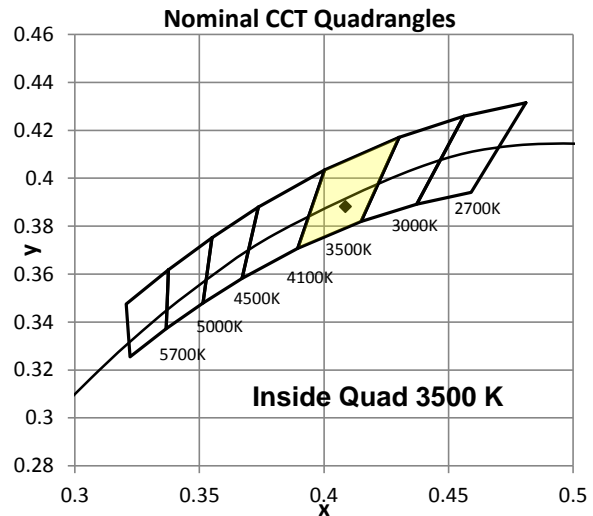
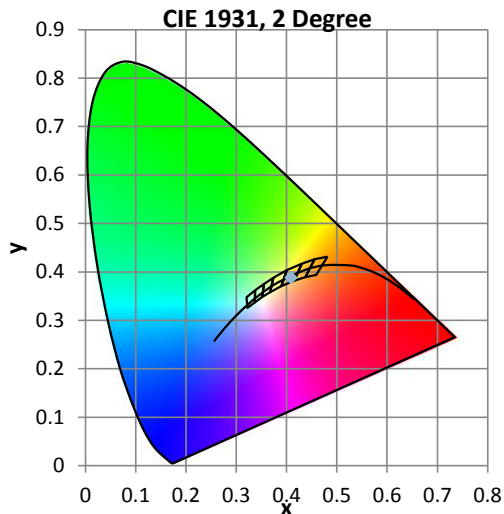
## Color Quality - Integrating Sphere

### Integrating Sphere Test Conditions

Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.6 °C	120.1 VAC	0.4840 A	57.96 W	0.997	60 Hz	3.84 %

### Summary of Results

<b>Total Output:</b>	7423 Lumens	<b>Chromaticity (x):</b>	0.4087
<b>Efficacy:</b>	128.1 lm/w	<b>Chromaticity (y):</b>	0.3881
<b>CCT:</b>	3402 K	<b>Chromaticity (u'):</b>	0.2390
<b>CRI (Ra):</b>	84.1	<b>Chromaticity (v'):</b>	0.5107
<b>CRI (R9):</b>	12.7	<b>TM-30 R<sub>f</sub>:</b>	82.9
<b>Peak Wavelength:</b>	600.6 nm	<b>TM-30 R<sub>g</sub>:</b>	95.0
<b>Dominant Wavelength:</b>	582 nm	<b>Duv:</b>	-0.0023
<b>S/P Ratio:</b>	1.541		



### Color Rendering Index Detail

Ra (CRI)	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
84.1	83.4	93.3	95.2	81.4	83.6	90.7	83.1	62.1	12.7	83.8	80.8	69.7	86.2	98.2

