



## Light Characterisation Report

### Astro Domino 7392 Bathroom Luminaire

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Project No: P4558  
Customer: Astro  
Report No: P4558-LCR-01  
Issue: 01  
Engineer: Michelle Mayes  
Approved: Mark McIntosh  
Date: 16/12/2014

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# Summary

Date of Test	16/12/2014
Project Number	P4558
Client	Astro
Product Description	Domino 7392 Bathroom Lighting
Product LED Type	Unknown
Product LED Bin	3000K
Measuring Distance (m)	4.56
Tamb	23°C 40%RH
Additional Comments	

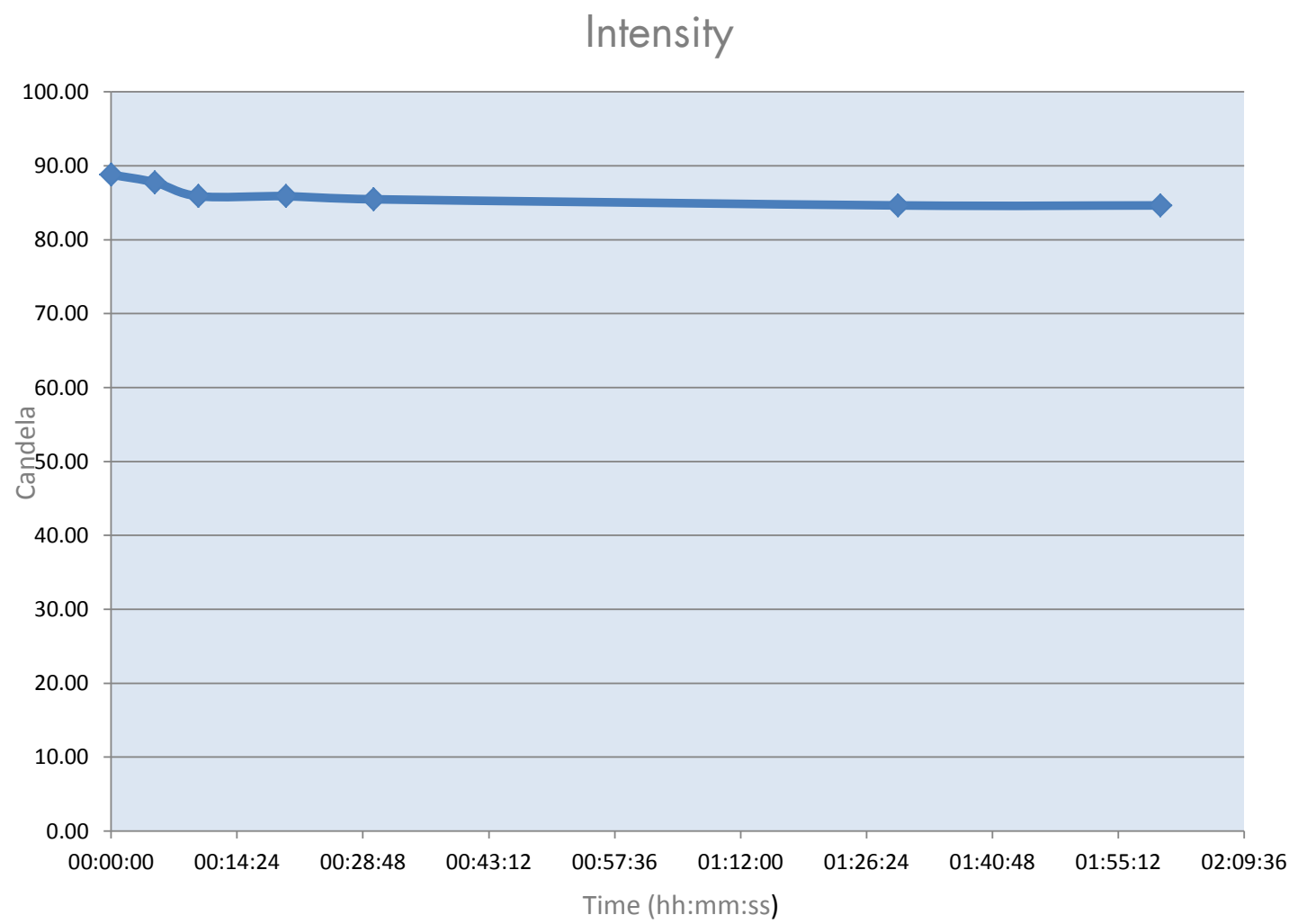
Peak on axis intensity	88.79 candela	Chromaticity x	0.4455
Stabalised on axis intensity	84.63 candela	Chromaticity y	0.4139
Temperature Ratio	95.32%	CCT	2939.6

## Luminous Intensity Distribution Scan 1

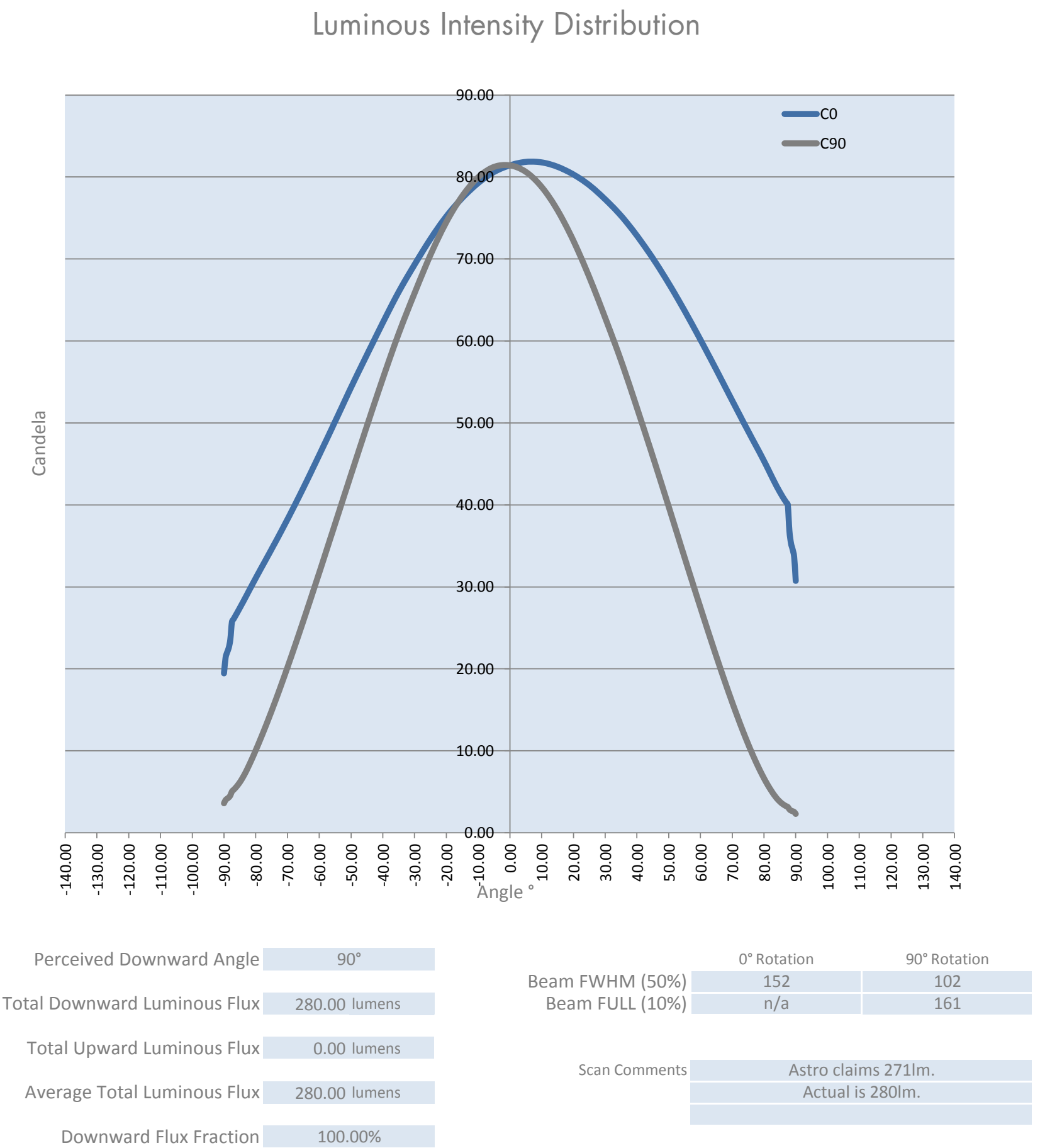
Total Downward Luminous Flux	280.00 lumens	Beam FWHM (50%)	0° Rotation 152.0	90° Rotation 102.0
Total Upward Luminous Flux	0.00 lumens	Beam FULL (10%)	n/a	161.0
Average Total Luminous Flux	280.00 lumens	Scan Comments	Astro claims 271lm.	
Downward Flux Fraction	100.00%		Actual is 280lm.	

Supply Voltage	230 Volts	Average Total Luminous Flux	Efficacy 56.36 lm/W
Supply Current	0.045 Amps		
Supply Power	4.97 Watts	Perceived Downward Luminous Flux	56.36 lm/W
Power Factor	0.48		

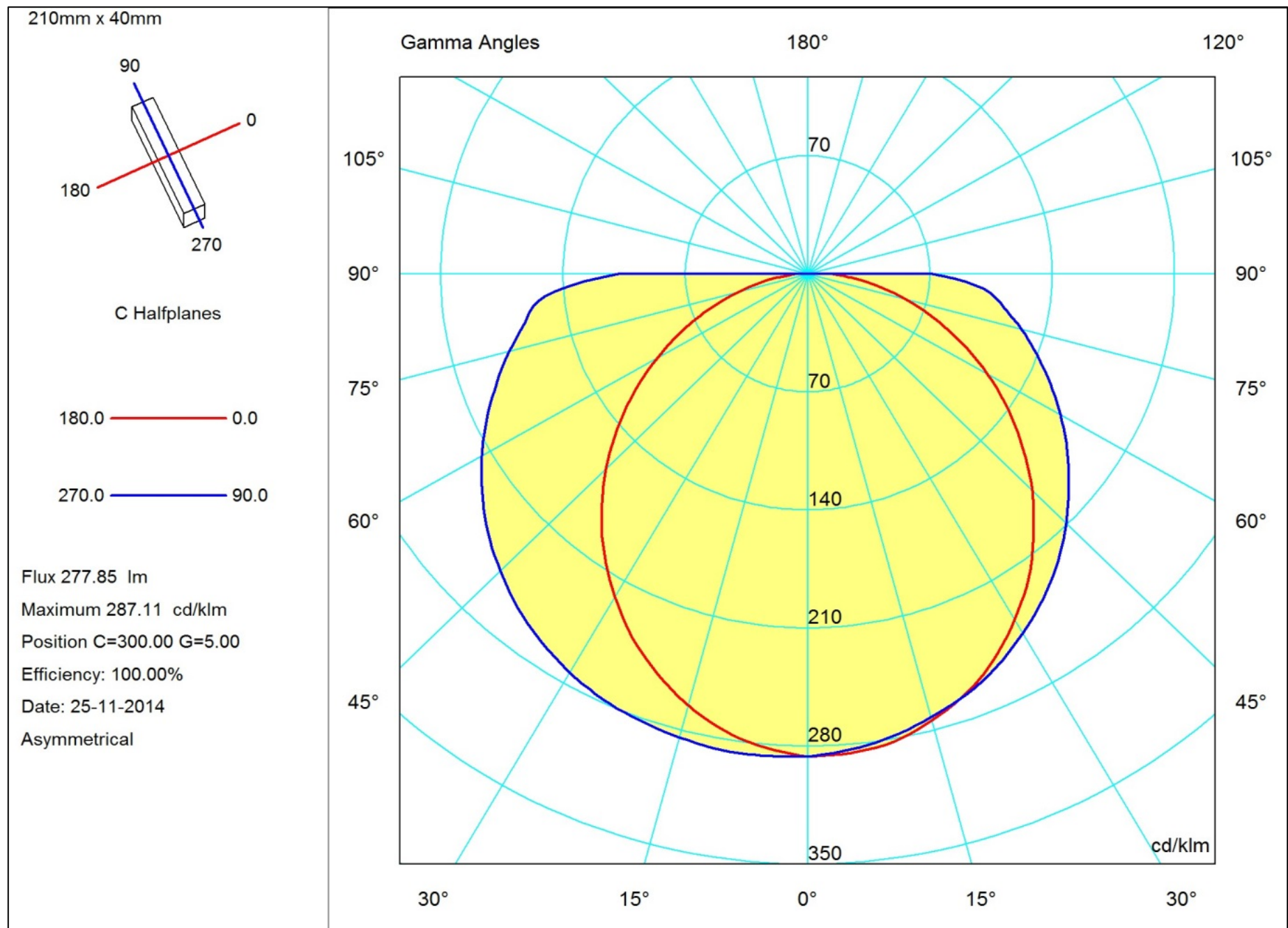
# Intensity Data



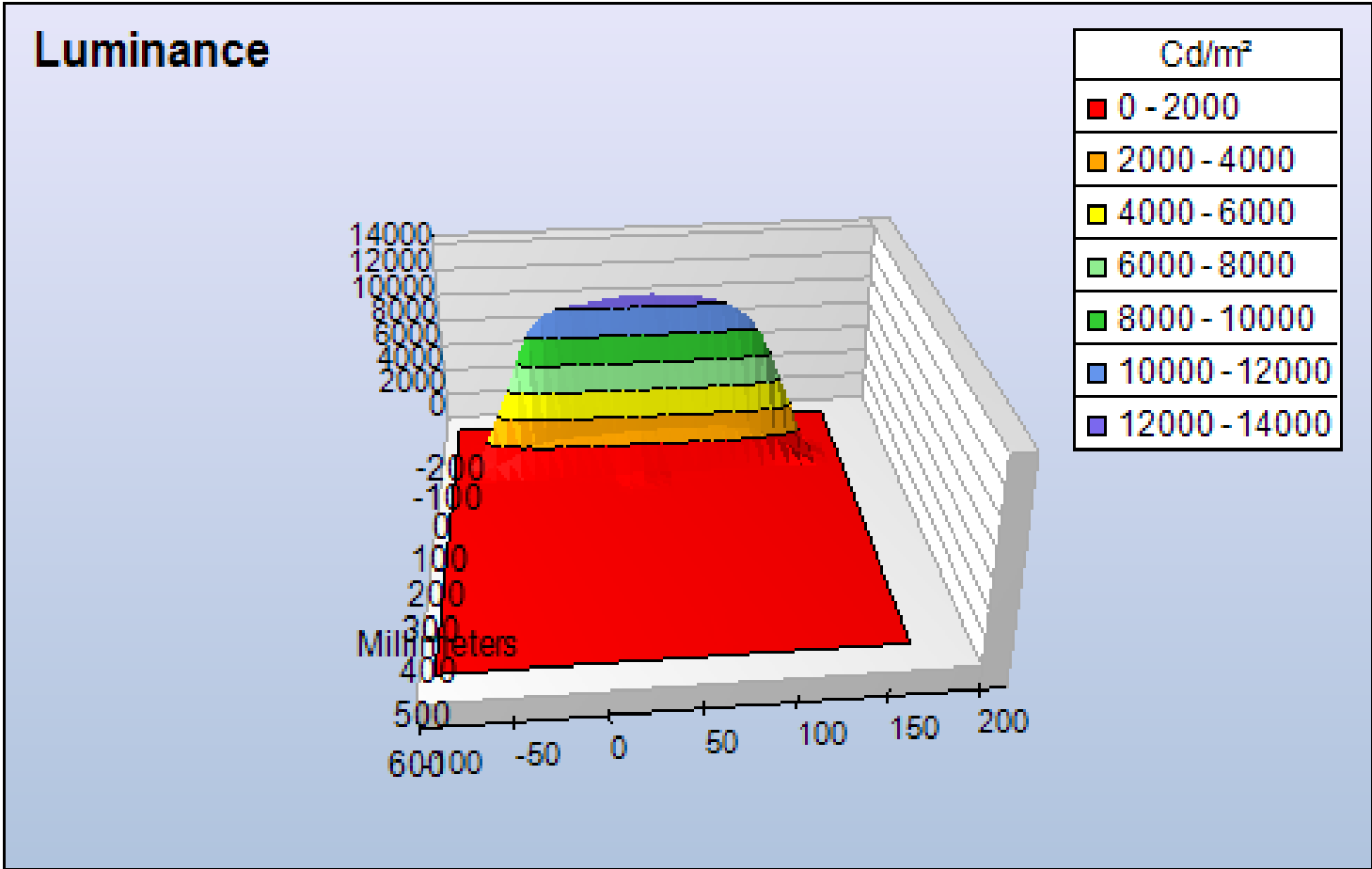
# Average Luminous Flux Data



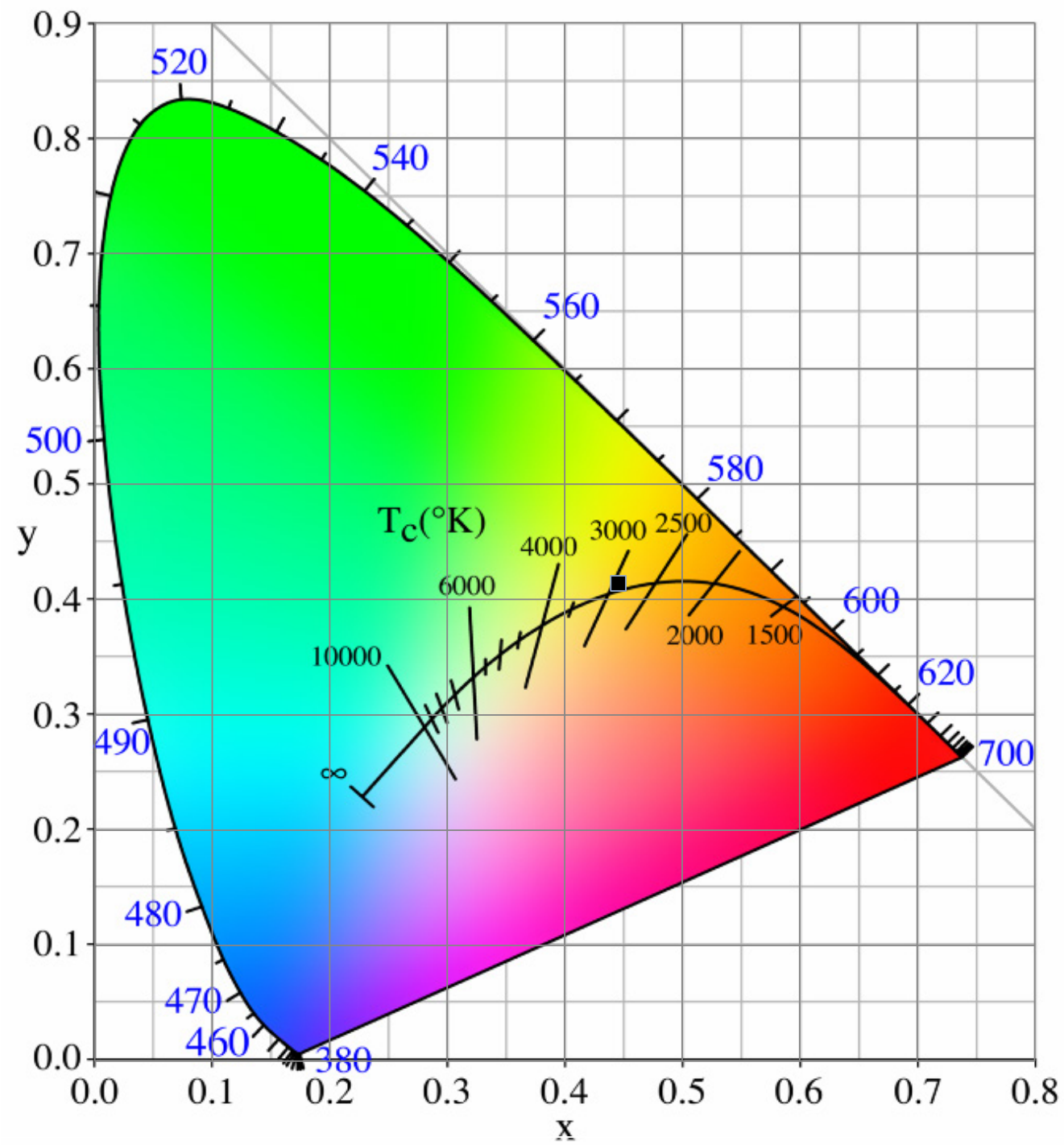
# Polar Diagram



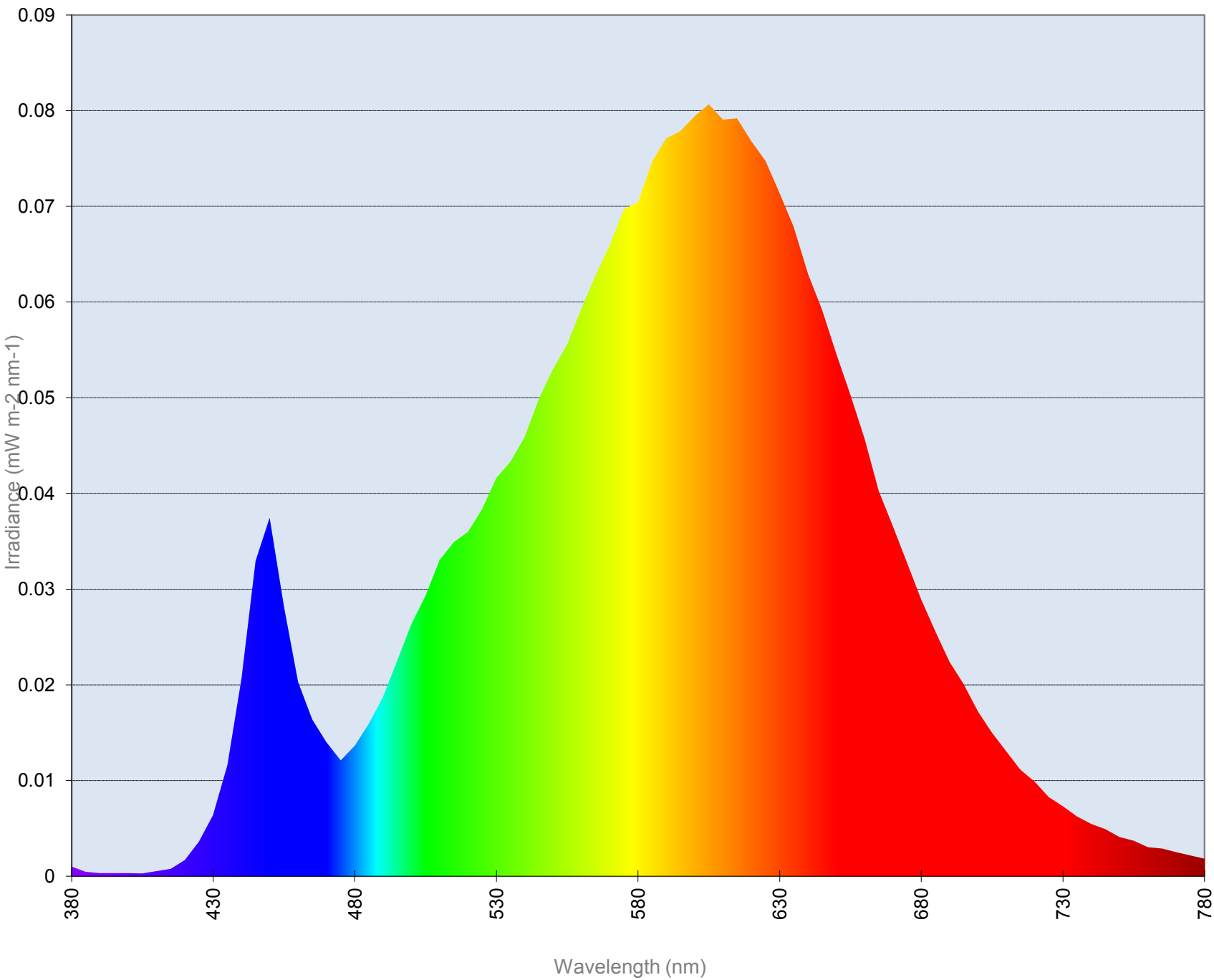
# Luminance 3D Plot



# Chromaticity



# Spectral Data





# Efficacy

Input Voltage	230 V
Input Current	0.045 A
Total power	4.97 W
Power Factor	0.48
LED Vf	Not measured
LED If	Not measured
Driver efficiency	N/A

Average Total Luminous Flux	280 lm
Efficacy	56 lm/W
Perceived Downward Luminous Flux	280 lm
Efficacy	56.36 lm/W

# Product Photographs

