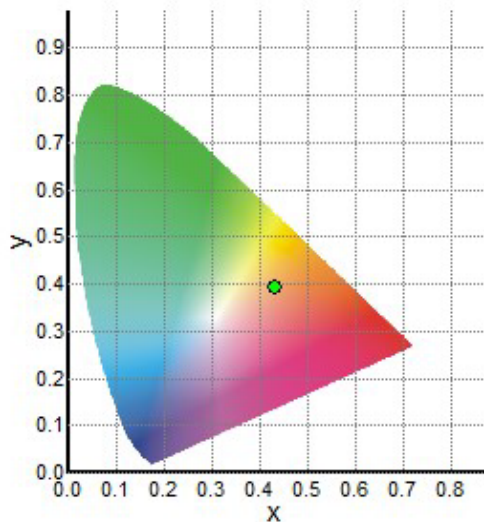
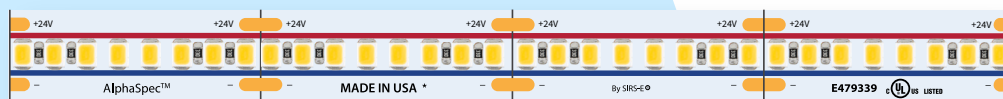


Preliminary R&D Photometric Report



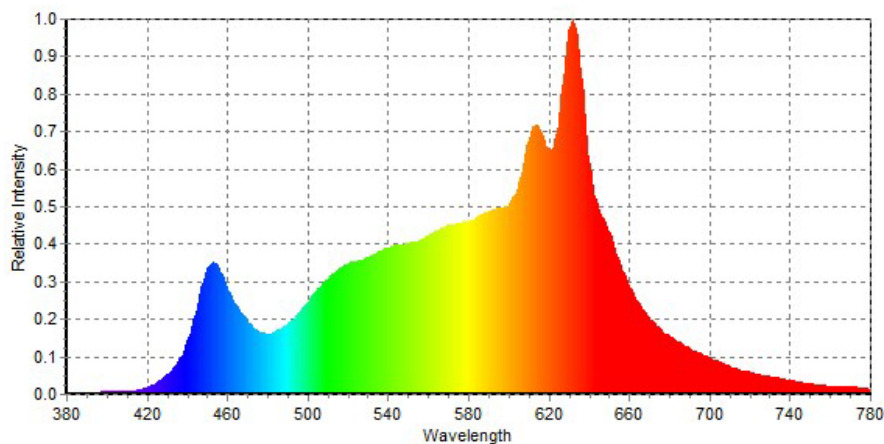
CIE1931 Chromaticity Diagram

Product Description

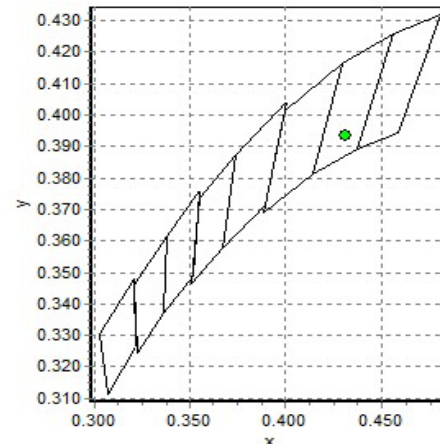
Product Name	S240-83U30-1000-4001
Sample Number	1' Sample
Date(YYYY/MM/DD)	2025/3/13 16:51:25
Manufacturer	SIRS Electronics Inc.
Tester / Reviewer	Diego Iorio
Temperature(°C)	24°C
Re. Humidity(%)	55%

Photometry and Chromaticity

CIE_x	0.4318	Duv	-0.0036
CIE_y	0.3934	λd(nm)	584.2
CIE_u'	0.2518	Purity(%)	48
CIE_v'	0.5163	FWHM(nm)	47
CCT(K)	3000	SP ratio	1.49
λp(nm)	632	CRI(Ra)	96
TLCI(Qa)	90.4	GAI	65.0
GAI BB8	113	GAI BB15	115
TM-30 Rf	93	TM-30 Rg	103

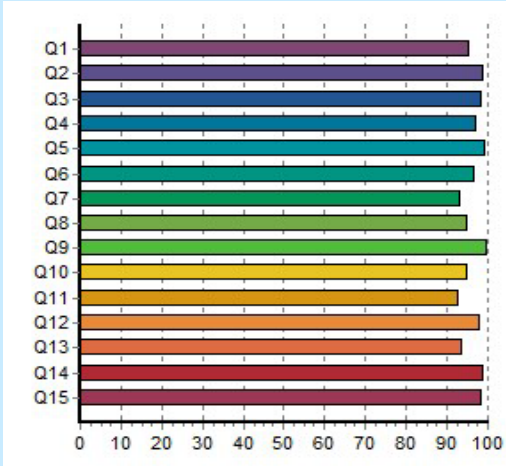


Spectral Distribution



C78.377-2008

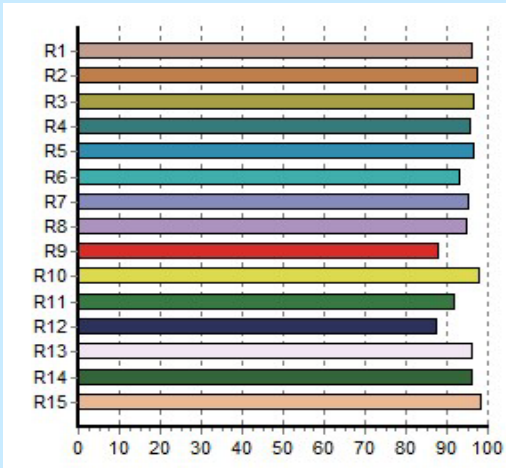
Preliminary R&D Photometric Report



Histogram Diagram of CQS

Q1	95.5	Q6	96.8	Q11	93.1
Q2	99.0	Q7	93.6	Q12	98.0
Q3	98.7	Q8	95.4	Q13	93.8
Q4	97.4	Q9	99.8	Q14	99.2
Q5	99.4	Q10	95.2	Q15	98.8

CQS-Qa 96



Histogram Diagram of CRI

R1	96.4	R6	93.6	R11	92.2
R2	97.9	R7	95.8	R12	87.7
R3	96.9	R8	95.1	R13	96.6
R4	95.9	R9	88.1	R14	96.6
R5	97.0	R10	98.4	R15	98.7

Re(thru R1~R15) 95