

# Report of Photometry & Chromaticity for Light Source

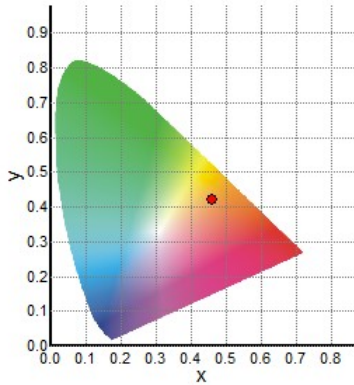


## Product Description

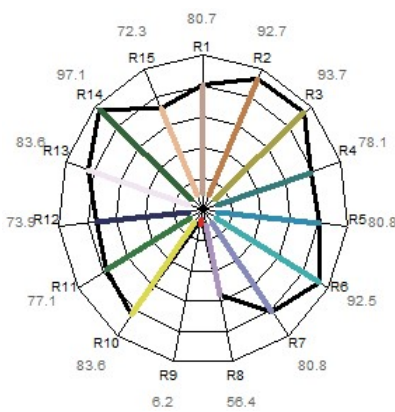
Product Name	HL-LS2835HEB-96WW-IP00-24V
Sample Number	
Date(YYYY/MM/DD)	2019/1/24 12:34:32
Manufacturer	Hi-Line
Tester	Admin
Temperature(°C)	Re. Humidity(%)
Reviewer	

## Photometry and Chromaticity

CIE_x	0.4623	Duv	0.0027
CIE_y	0.4185	$\lambda_d$ (nm)	583.2
CIE_u'	0.2605	Purity(%)	64
CIE_v'	0.5307	FWHM(nm)	117
CCT(K)	2727	SP ratio	1.24
Illuminance(lx)	23485	PPFD 400-700nm( $\mu\text{mol}/\text{m}^2 \cdot \text{s}$ )	38.66
$\lambda_p$ (nm)	606	CRI(Ra)	82
TLCI(Qa)	70.7	GAI	39.8
GAI BB8	80	GAI BB15	88
TM-30 Rf	81	TM-30 Rg	90



CIE1931 Chromaticity Diagram

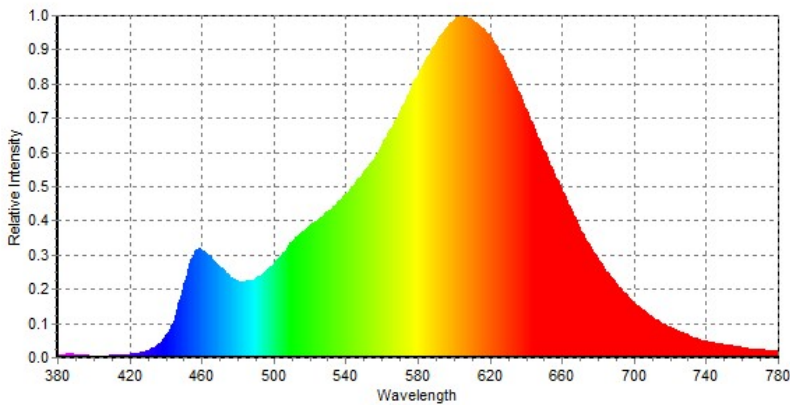


Radar Diagram of CRI

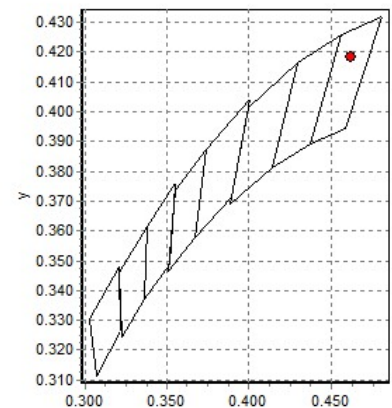
CQS-Qa	84	Re(thru R1~R15)	77		
R1	80.7	R6	92.5	R11	77.1
R2	92.7	R7	80.8	R12	73.9
R3	93.7	R8	56.4	R13	83.6
R4	78.1	R9	6.2	R14	97.1
R5	80.8	R10	83.6	R15	72.3

Flicker Frequency(Hz)  
Flicker Index

Flicker %



Spectral Distribution



C78.377-2008