

Report of Photometry & Chromaticity for Light Source

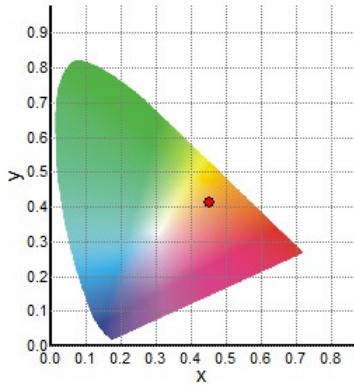


Product Description

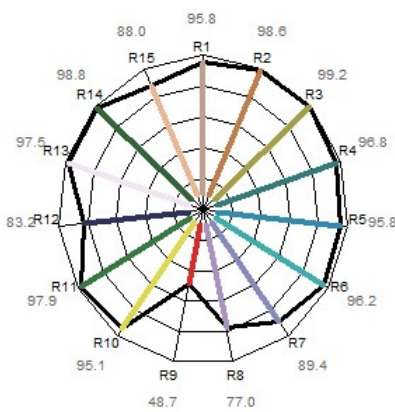
Product Name	HL-LS2835HA-60WW-IP00-24V
Sample Number	
Date(YYYY/MM/DD)	2019/1/24 12:36:45
Manufacturer	Hi-Line
Tester	Admin
Temperature(°C)	Re. Humidity(%)
Reviewer	

Photometry and Chromaticity

CIE_x	0.4536	Duv	0.0006
CIE_y	0.4106	λ_d (nm)	583.6
CIE_u'	0.2585	Purity(%)	59
CIE_v'	0.5264	FWHM(nm)	142
CCT(K)	2790	SP ratio	1.34
Illuminance(lx)	10919	PPFD 400-700nm($\mu\text{mol}/\text{m}^2 \cdot \text{s}$)	66.68
λ_p (nm)	614	CRI(Ra)	94
TLCI(Qa)	85.8	GAI	49.2
GAI BB8	96	GAI BB15	102
TM-30 Rf	90	TM-30 Rg	98



CIE1931 Chromaticity Diagram

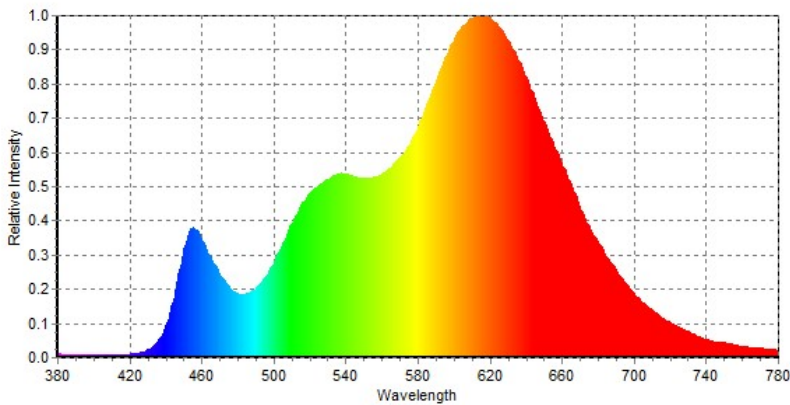


Radar Diagram of CRI

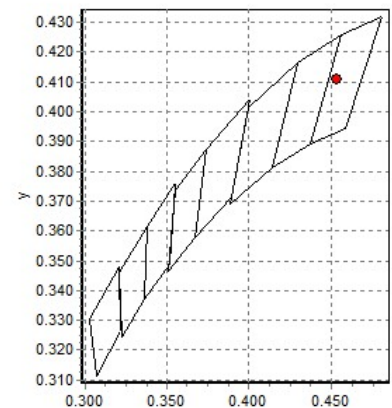
CQS-Qa	93	Re(thru R1~R15)	91		
R1	95.8	R6	96.2	R11	97.9
R2	98.6	R7	89.4	R12	83.2
R3	99.2	R8	77.0	R13	97.5
R4	96.8	R9	48.7	R14	98.8
R5	95.8	R10	95.1	R15	88.0

Flicker Frequency(Hz)
Flicker Index

Flicker %



Spectral Distribution



C78.377-2008