

Report of Photometry & Chromaticity for Light Source

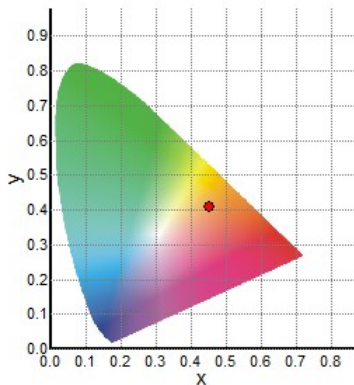


Product Description

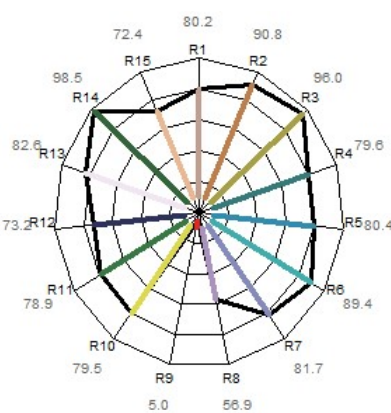
Product Name	HL-LS3528HB-240WW-IP00-24V
Sample Number	
Date(YYYY/MM/DD)	2019/2/26 11:54:53
Manufacturer	Hi-Line Lighting
Tester	Admin
Temperature(°C)	Re. Humidity(%)
Reviewer	

Photometry and Chromaticity

CIE_x	0.4526	Duv	0.0002
CIE_y	0.4093	λ_d (nm)	583.7
CIE_u'	0.2584	Purity(%)	59
CIE_v'	0.5258	FWHM(nm)	120
CCT(K)	2795	SP ratio	1.25
Illuminance(lx)	16312	PPFD 400-700nm($\mu\text{mol}/\text{m}^2 \cdot \text{s}$)	34.43
λ_p (nm)	606	CRI(Ra)	82
TLCI(Qa)	67.0	GAI	47.8
GAI BB8	93	GAI BB15	98
TM-30 Rf	83	TM-30 Rg	96



CIE1931 Chromaticity Diagram



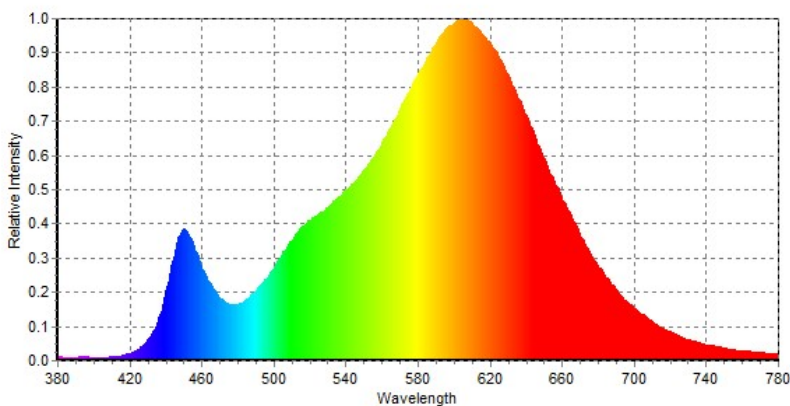
Radar Diagram of CRI

CQS-Qa	84	Re(thru R1~R15)	76
R1	80.2	R6	89.4
R2	90.8	R7	81.7
R3	96.0	R8	56.9
R4	79.6	R9	5.0
R5	80.4	R10	79.5
		R11	78.9
		R12	73.2
		R13	82.6
		R14	98.5
		R15	72.4

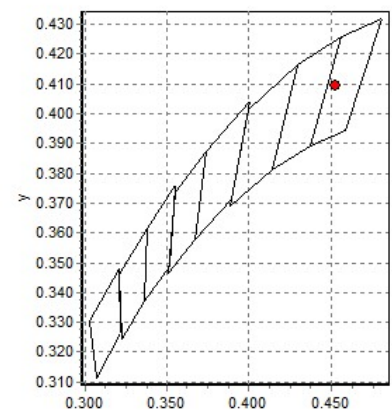
For high R9 values please select Hi-Line strips with CRI >90

Flicker Frequency(Hz)
Flicker Index

Flicker %



Spectral Distribution



C78.377-2008