

Report of Photometry & Chromaticity for Light Source

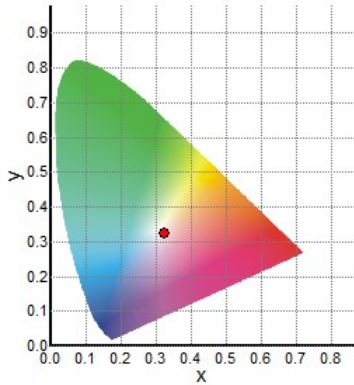


Product Description

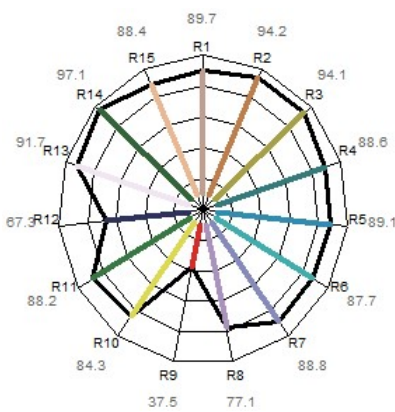
Product Name	HL-LS2835HB-120CW-IP68-24V
Sample Number	
Date(YYYY/MM/DD)	2018/4/9 14:22:53
Manufacturer	Hi-Line Lighting
Tester	Admin
Temperature(°C)	Re. Humidity(%)
Reviewer	

Photometry and Chromaticity

CIE_x	0.3263	Duv	-0.0055
CIE_y	0.3252	λ_d (nm)	473.7
CIE_u'	0.2089	Purity(%)	3
CIE_v'	0.4683	FWHM(nm)	28
CCT(K)	5802	SP ratio	2.18
Illuminance(lx)	31874	PPFD 400-700nm($\mu\text{mol}/\text{m}^2/\text{s}$)	473.92
λ_p (nm)	453	CRI(Ra)	89
TLCI(Qa)	76.4	GAI	93.5
GAI BB8	99	GAI BB15	103
TM-30 Rf	84	TM-30 Rg	97



CIE1931 Chromaticity Diagram

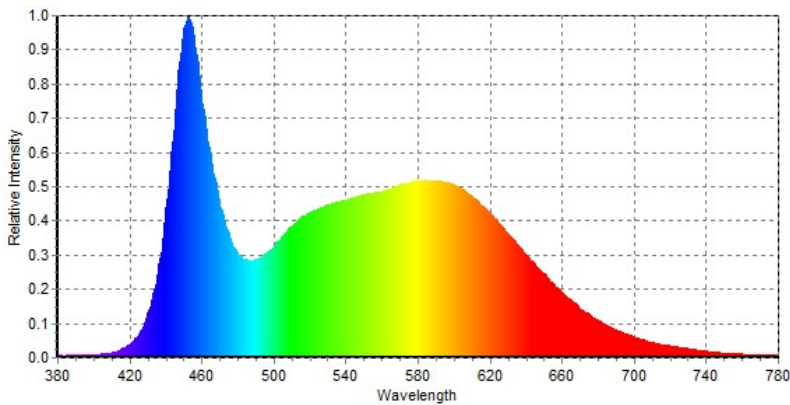


Radar Diagram of CRI

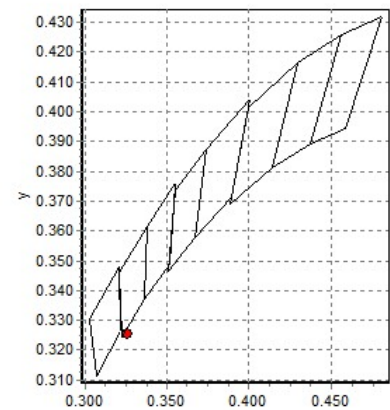
CQS-Qa	83	Re(thru R1~R15)	84
R1	89.7	R6	87.7
R2	94.2	R7	88.8
R3	94.1	R8	77.1
R4	88.6	R9	37.5
R5	89.1	R10	84.3
		R11	88.2
		R12	67.3
		R13	91.7
		R14	97.1
		R15	88.4

Flicker Frequency(Hz)
Flicker Index

Flicker %



Spectral Distribution



C78.377-2008