



Report of Photometry & Chromaticity for Light Source

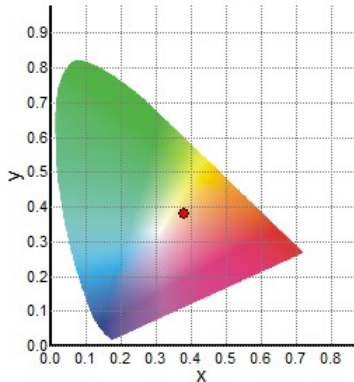


Product Description

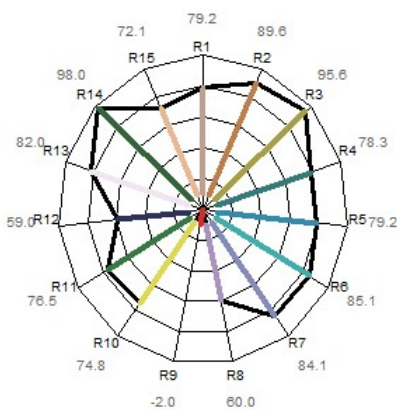
Product Name	HL-LS2835HEB-96NW-IP00-24V
Sample Number	
Date(YYYY/MM/DD)	2018/4/19 16:24:10
Manufacturer	Hi-Line Lighting
Tester	Admin
Temperature(°C)	Re. Humidity(%)
Reviewer	

Photometry and Chromaticity

CIE_x	0.3801	Duv	0.0017
CIE_y	0.3801	λ_d (nm)	578.1
CIE_u'	0.2236	Purity(%)	28
CIE_v'	0.5030	FWHM(nm)	27
CCT(K)	4033	SP ratio	1.70
Illuminance(lx)	50874	PPFD 400-700nm($\mu\text{mol}/\text{m}^2$)	694.46
λ_p (nm)	453	CRI(Ra)	81
TLCI(Qa)	63.5	GAI	69.9
GAI BB8	88	GAI BB15	94
TM-30 Rf	80	TM-30 Rg	93



CIE1931 Chromaticity Diagram



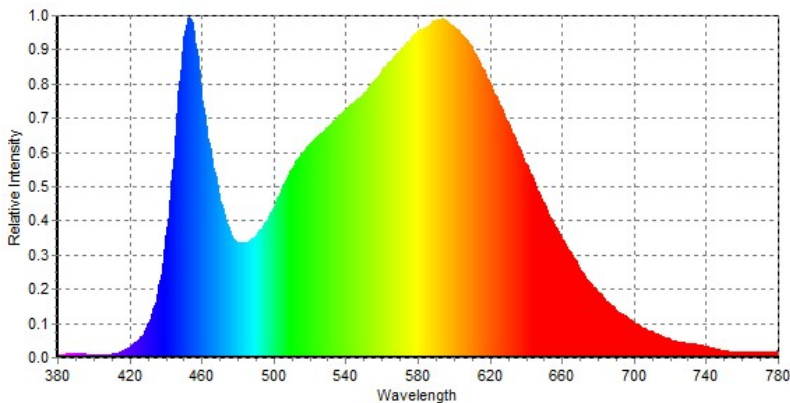
Radar Diagram of CRI

CQS-Qa	81	Re(thru R1~R15)	74
R1	79.2	R6	85.1
R2	89.6	R7	84.1
R3	95.6	R8	60.0
R4	78.3	R9	-2.0
R5	79.2	R10	74.8
		R11	76.5
		R12	59.0
		R13	82.0
		R14	98.0
		R15	72.1

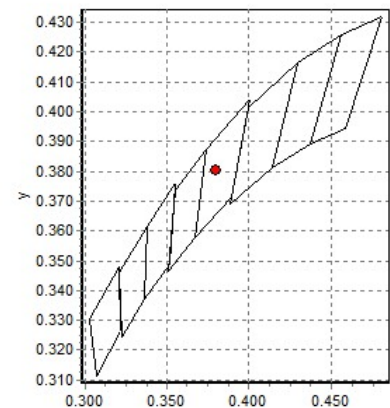
For high R9 value LED strips please check for our CRI > 90 tapes

Flicker Frequency(Hz)
Flicker Index

Flicker %



Spectral Distribution



C78.377-2008