STARLIT 22” HIGH LUMEN 84 LED

1- Module Code

CCT	MODULE CODE	CCT	MODULE CODE
2700K	L084NI5580192780	5000K	L084NI5580195080
3000K	L084NI5580193080	6000K	L084NI5580196080
3500K	L084NI5580193580	6500K	L084NI5580196580
4000K	L084NI5580194080		

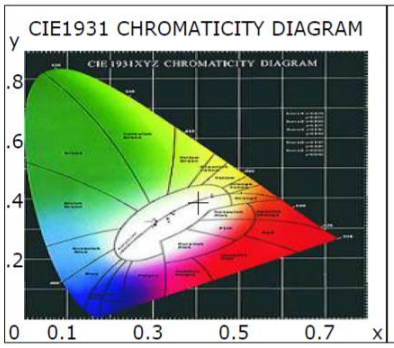
For 90 CRI modules the 80 changes to 90 (e.g. L084NI5580192790)

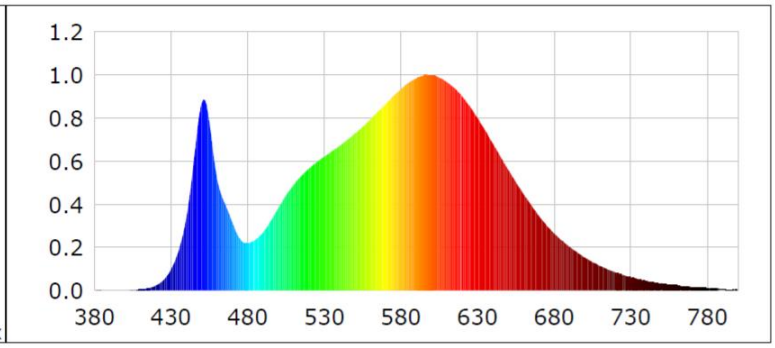
2- Photometric Parameters

INDEX	CCT	Typical Rating	Max Rating
Flux	2700K	2562 lm	7386 lm
	3000K	2640 lm	7602 lm
	3500K	2700 lm	7782 lm
	4000K	2750 lm	7810 lm
	5000K	2808 lm	7968 lm
Efficacy	2700K	185 lm/W	151 lm/W
	3000K	190 lm/W	156 lm/W
	3500K	195 lm/W	159 lm/W
	4000K	200 lm/W	161 lm/W
	5000K	203 lm/W	163 lm/W
Forward CURRENT		350 mA	1080 mA
Forward VOLTAGE		39.7 Vdc	45.3 Vdc
POWER		14 W	49 W

All calculations are based on using Nichia 757GT-V1, 80CRI, 3 step binning in 25°C

3- Light Source Test Report





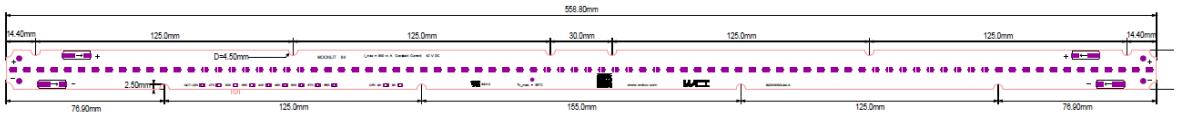
Product Spec	42VDC, 80CRI, CC	**Voltage**	39.94 V
Current	0.3901A	**Power**	15.58 W
Luminous Flux	2492.79 lm	**Efficiency**	160.98 lm/W
Radiant Power	7.54 W	**EEI**	0.09

Energy Efficiency Class: A++ (EU 874-2012)

4- Colorimetric Parameters

Chromaticity coordinates	x=0.4056 y=0.3904	**Color Ratio**	R=0.202 G=0.768 B=0.030
Peak Wavelength	596.0nm	**Half Bandwidth**	144.0nm
Dominant Wavelength	581.0nm	**Color Purity**	0.389
Color Quality Scale		Qa= 82.6, Qf= 82.6, Qp= 82.9, Qg= 93.3	

5- Module Dimension



Length	558.80 mm
Width	19.00 mm
Heights	3.70 mm
PCB Thickness	1.00 mm
PCB Material	Aluminum

Schematic Circuit: 16 LEDs per series X 6P