




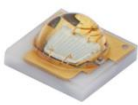
HORTICULTURE LIGHTING PROVIDER

SPECTROMETER

Photo	Model Name	Measurement Range	Wavelength Range	PPFD mode	IP Rating
	PG200N	1. 70 ~ 150,000 lx 2. 0.5~1,000 W/m ² (Irradiance) 3. 1~3,000 μmol/(m ² *s) (PPFD)	350~800nm	PPFD / PFD / PFD-B / PFD-G / PFD-R/PFD-UV	IP66

LED PKG

Photo	Product Type	QL Part number	Power (Watt)	Dimension (mm)	Brightness (lm)	View angle	Color	Wd(nm)	current (mA)	Vf typ. (V)	Max. Current(mA)
	3030	QLSP04UXU	1	3.0x3.0x0.6	90~120	120	White	3000K~5000K	300	3.2	CRI 90~95
	3030	QLUV04J2U	2.5	3.0x3.0x0.6	310mW	120	UV LED	400~410	350	3.3	700
	3030	QLUV04H2U	2.5	3.0x3.0x0.6	365mW	120	UV LED	420~430	350	3.3	700
	3030	QLSP04BU	2.5	3.0x3.0x0.6	20~30	120	Blue	450~475	350	3.2	700
	3030	QLSP04GU	2.5	3.0x3.0x0.6	100	120	Green	515~535	350	3.2	700
	3030	QLSP04RU	2	3.0x3.0x0.6	44	120	Red	615~630	350	2.2	700
	3030	QLSP04DRU	2	3.0x3.0x0.6	240mW	120	Deep Red	650~670	350	2.2	700
	3030	QLSP04CRU	2	3.0x3.0x0.6	200mW	120	Cherry Red	720~740	350	2	700

Photo	Product Type	QL Part number	Power (Watt)	Dimension (mm)	Brightness (lm)	View angle	Color	Wd(nm)	Drive current (mA)	Vf typ. (V)	Max. Current(mA)
	3535	QLSP07BUC	3.5	3.5x3.5x2.2	40	60/90/120	Blue	450~475	350	3.2	1000
	3535	QLSP07GUC	3.5	3.5x3.5x2.2	100	60/90/120	Green	515~535	350	3.2	1000
	3535	QLSP07RUC	2	3.5x3.5x2.2	70	60/90/120	Red	615~630	350	2.2	700
	3535	QLSP07RUC	2	3.5x3.5x2.2	300mW	60/90/120	Deep Red	650~670	350	2.2	700
	3535	QLSP07CRUC	2	3.5x3.5x2.2	260mW	60/90/120	Cherry Red	720~740	350	2	700

PLANT FACTORY

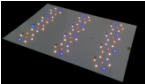
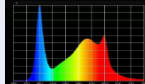

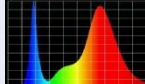

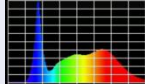

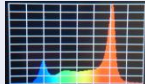

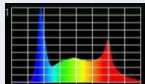
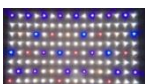
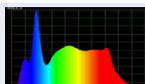
- Setup the Plant factory and Technology transfer related to Electro-Optical, Agriculture and Biotechnology.
- Related to development of economic crops in the plant factory field, LED materials, equipment, facility and turnkey systems.




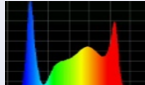
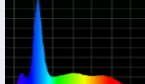
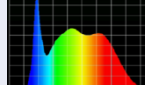



HORTICULTURE LIGHTING PROVIDER

MODULES

Photo	Model Name	Size (mm)	Input	Power	IP Rating	PPFD ($\mu\text{mol/s/m}^2$, D=300mm)	Spectrum
	QLMR3045RBWX2-XXX	300x450x1	DC 24V	82W	54	280.7	
	QLMR3045PCRWX2-XXX	300x450x1	DC 24V	63W	54	208.2	
	QLMR2949BWX6-XXX	290x490x1	DC 48V	23W	54	100.9	
	QLMR2949BWX6-XXX	290x490x1	DC 24V	45W	54	130	
	QLMR4060RBWX2-XXX	400x600x1	DC 24V	40W	54	119.9	
	QLMR4060110RBU P2-232	400x600x1.6	DC 24V	170W	54	451.1	

LIGHT FIXTURE

Photo	Model Name	Size (mm)	Input	Power	IP Rating	Spectrum
	QLALTL1200X16-XXXA	1200x44x33	DC 24/48V	60W	54	
	QLALTL1200X16-XXX	1200x44x33	DC 24/48V	60W	54	
	QLALTL1200X18-XXX	290x490x1	DC 36V	40W	54	
	QLAPJ267100X19-XXX	267x207x182	AC 100~305V	100W	67	Customized Spectrum
	QLAPJ332200X19-XXX	332x235x150	AC 100~305V	200W	67	Customized Spectrum

