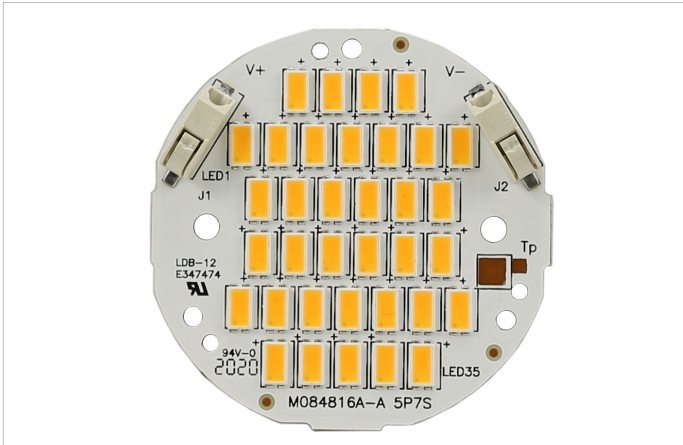


QLUXR5010W35LED9 Series 10W Round DC LED Board



Wattage	10W
CRI	90+
Available CCT	2700K, 3000K
Lumen	1280lm
Efficacy	125.0 lm/W
Number of LEDs	35
Beam Angle	120°
Dimensions	50mm OD
Dimming	Constant Current Reduction



FEATURES

- Superior Color Rendering CRI 90.8
- High efficacy lumen output 132 lm/W
- LM-80 compliant LEDs
- Tight Binning 3 Step Mac Adam Ellipses
- Uniform & crisp light source intensity
- Hot spot free design
- Exceed ENERGY STAR lumen maintenance requirements
- Extra thin low profile
- Low heat generation, easy thermal management
- Easy to fit in new design or retrofit applications

APPLICATIONS

Ideal for new and retrofit architectural designs and lighting fixtures.

Indoor Lighting

- Recessed can light
- Ceiling light
- Wall sconces
- Table lamps
- Fixtures
- Signage

Outdoor Lighting

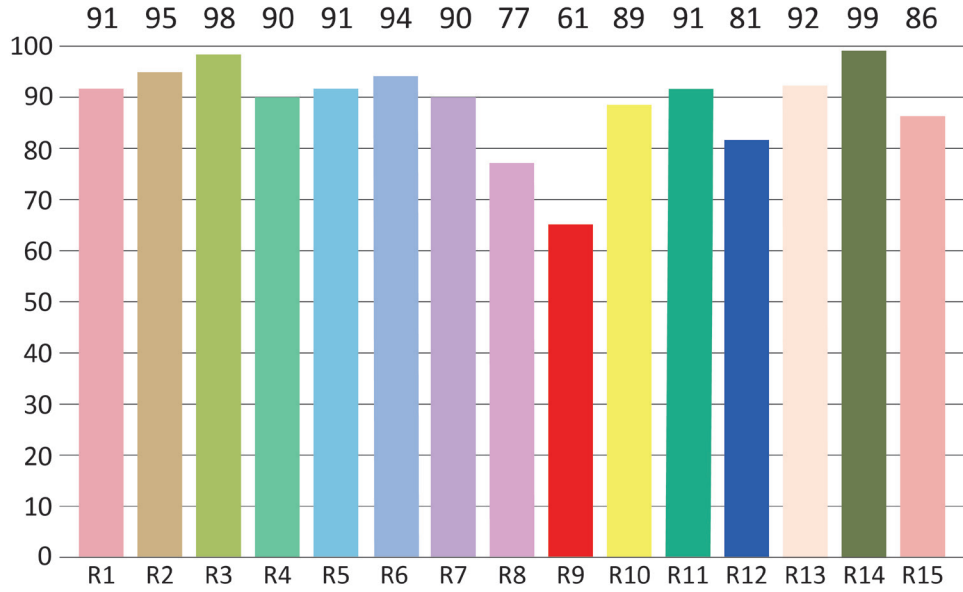
- Street light
- Marker light
- Wall sconces
- Signage light

MODEL SPECIFICATIONS

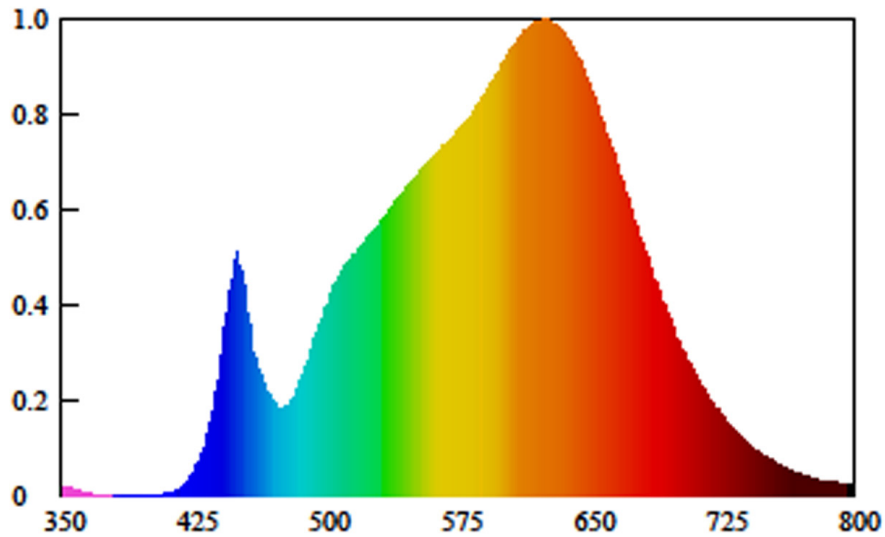
Model Number	CCT	Typ. Wattage	Typ. Forward Voltage	Min. Forward Voltage	Max. Forward Voltage	Typ. Forward Current	Max. Forward Current	Lumens
QLUXR5010W35LED927	2700K	10W	21V	17V	21.7V	500mA	850mA	1280lm
QLUXR5010W35LED930	3000K	10W	21V	17V	21.7V	500mA	850mA	
QLUXR5010W35LED9-XX	Custom	10W	21V	17V	21.7V	500mA	850mA	

* Custom CCT

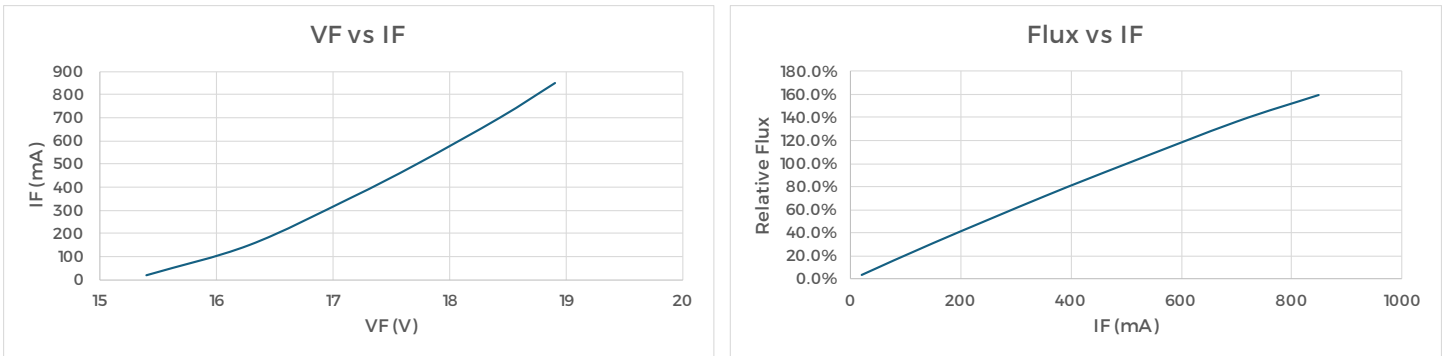
CRI TEST



SPECTRORADIOMETRIC PARAMETERS



DIMMING CURVES



ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

Parameter	Symbol	Absolute Max. Rating	Unit
Forward Current	If	850	mA
Peak Power	P	18.5	W
Operating Temperature	TOPR	-30~+100	°C
Storage Temperature	Tstg	-40~100	°C
Hand Soldering Condition	Tsid	3.5sec@350°C	sec
Case Temperature	Tc	100	°C
LED Junction Temperature	Tj	125	°C

MECHANICAL SPECS

