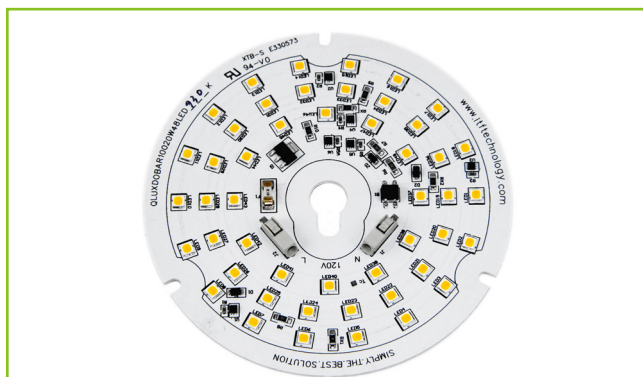




# L.T.F

## AC Line Voltage LED Board

Dimmable Round 100mm (OD)  
QLUXDOBAR10020W48LED Series



### General Information

<b>Wattage</b>	20W
<b>CRI</b>	80, 90+
<b>CCT</b>	2400-5000K
<b>Custom CCT</b>	Available
<b>Size</b>	100mm (OD)
<b>Dimming</b>	ELV / Triac
<b>Beam Angle</b>	160

**RoHS**



Year Warranty

### FEATURES

- High Color Rendering Index (CRI) Ra max. 98
- High efficacy lumen output
- 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
- Low flicker dimming with ELV and Triac dimmers
- 0-10V dimming option

### APPLICATIONS

For Architectural New Designs and Retrofits lighting fixtures:

#### Indoor Lightings:

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

#### Outdoor Lightings:

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

### ELECTRICAL SPECS.

Order Number	CRI	CCT
QLUXDOBAR10020W48LED22K8CR	80+	2200K
QLUXDOBAR10020W48LED25K8CR	80+	2500K
QLUXDOBAR10020W48LED27K8CR	80+	2700K
QLUXDOBAR10020W48LED30K8CR	80+	3000K
QLUXDOBAR10020W48LED32K8CR	80+	3200K
QLUXDOBAR10020W48LED35K8CR	80+	3500K
QLUXDOBAR10020W48LED40K8CR	80+	4000K
QLUXDOBAR10020W48LED50K8CR	80+	5000K

Order Number	CRI	CCT
QLUXDOBAR10020W48LED22K9CR	90+	2200K
QLUXDOBAR10020W48LED25K9CR	90+	2500K
QLUXDOBAR10020W48LED27K9CR	90+	2700K
QLUXDOBAR10020W48LED30K9CR	90+	3000K
QLUXDOBAR10020W48LED32K9CR	90+	3200K
QLUXDOBAR10020W48LED35K9CR	90+	3500K
QLUXDOBAR10020W48LED40K9CR	90+	4000K
QLUXDOBAR10020W48LED50K9CR	90+	5000K



CIE Colorimetric Parameters*							
Chromaticity Coordinates		x=0.4302 y=0.4017					
CCT		3096K					
Peak Wavelength		603.7nm					
Dominant Wavelength		582.4nm					
Rendering Index		84					
Color Ratio		R=22.5%, G=75.7%, B=1.8%					
Half Bandwidth		131.7nm					
Color Purity		49.7%					
R1=82	R2=92	R3=97	R4=82	R5=83	R6=90	R7=84	R8=62
R9=14	R10=81	R11=81	R12=73	R13=85	R14=99	R15=76	

\* Test result shown based on 3000 CCT, 80 CRI model

Photometric Parameters*	
Luminous Flux:	2271.96lm
Radiant Power:	6864.2mW
Efficacy:	113lm/W

\* Test result shown based on 3000 CCT, 80 CRI model

SPECTRORADIOMETRIC CHARACTERISTICS

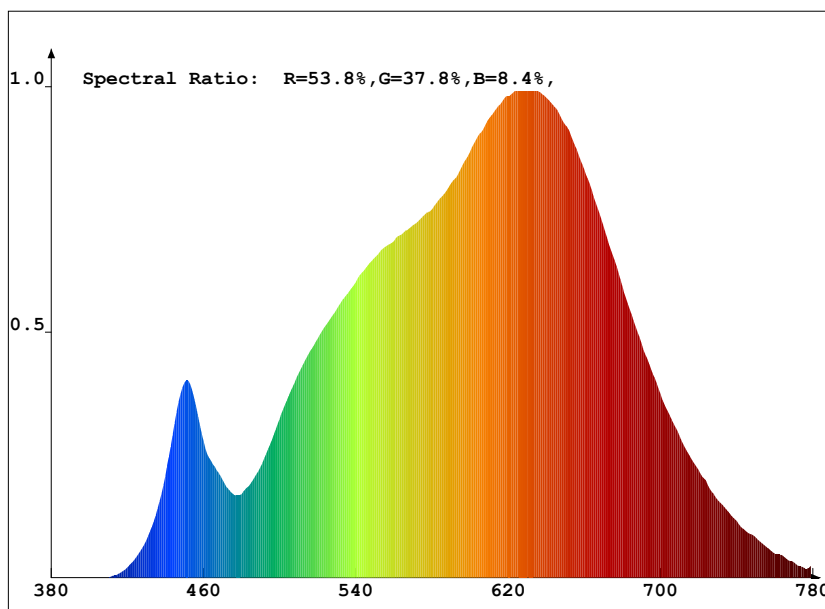


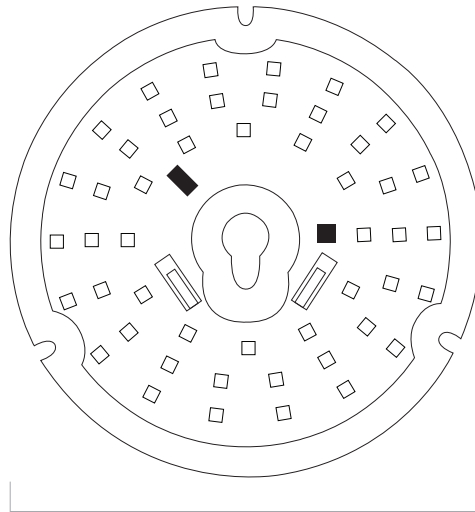
Diagram shown based on test report for 90 CRI 3000K model.

AC Line Voltage LED Boards - QLUXDOBAR10020W48LED



Electric Parameters	
Voltage	U=120.4V
Current	I=0.171A
Power	P=20.1W
Power Factor	PF=0.979

MECHANICAL SPECS.



100mm (OD)

**CAUTION!**

- Turn the power off before installing LED board.
- Avoid short circuit, or drilling / cutting the LED board! It will damage its electrical circuit!