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QL LED by QUADRALUMEN

Product Catalogue 2017-18

QUADRALUMEN



QUADRALUMEN
LED by life

**PRODUCT
CATALOGUE 2017-18**

Existence of quality light for us is self-evident. Our planet is one of the few places in the universe that is so close to a star that bathes our whole environment with light. Often, we forget the fundamental role that it plays in our own well being and for all life on our planet.

Yes, it shares our homes. Works in our offices. Hangs out at malls and restaurants. And walks us home late at night. We rarely consider this fact as we go about with our daily lives.

When rays of light merge, they create a spark that brightens the world. QL is one such spark, bringing to you a world of premium LED lighting.

We know light. So much so, that we're following it into our life. The attentive life, that needs steady, consistent illumination. The cosy life, that seeks warmth in its brightness. The busy life, that demands highlights and accents. The everyday life, that calls for clarity and visibility. The sensitive life that requires environmental awareness and sustainability. Every single phase of your life and that of millions of others - guides QL to offer the perfect kind of light.

An impressive, state-of-the-art manufacturing facility at Bhiwandi underlines our capability to raise production and product quality standards even higher. With diversified product solutions that combines flawless execution with aesthetic design - our stature is set to grow by leaps and bounds in times to come.

From floodlit stadiums to a single corner of your home, QL fills your life with stylish, eco-friendly LED lights that supports the latest of technology with greatest reliability and services. After all, when you work with something that travels at 1,07,92,52,848 km/hr, you get accustomed to speed.

QUADRALUMEN | LED by life.

We strive...

**“To lead the way to the future of lighting
& to contribute towards building a more sustainable planet Earth”**



QUADRALUMEN
LED by life



**Save
Energy!**

**Save
Earth!**



Manufacturing Unit: Bhiwandi

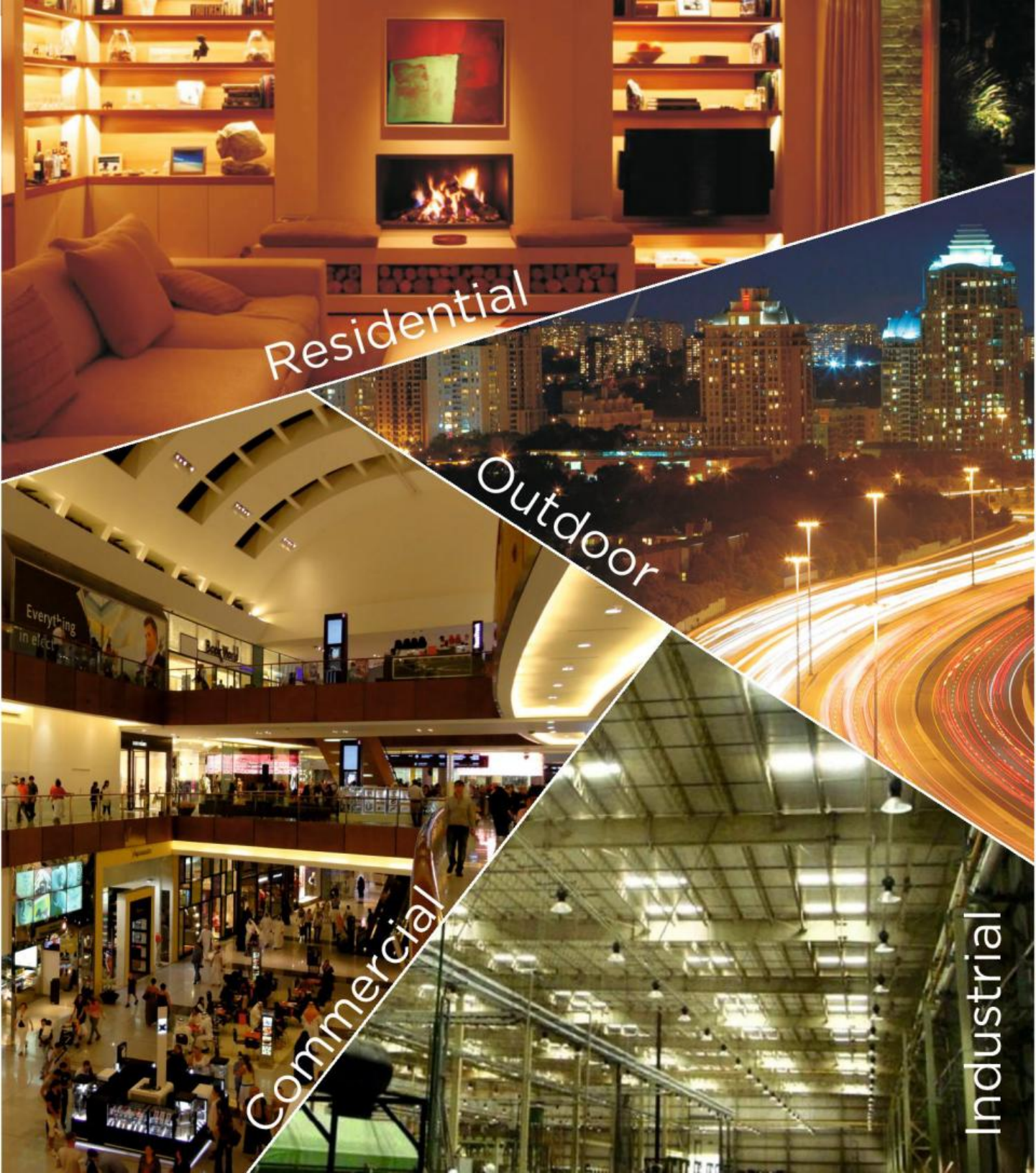


Esteemed Clients



Technology Partners





Residential

Outdoor

Commercial

Industrial

Touching all 4 dimensions..... **Quadrалumen** is derived from the Latin words "*quattuor*" - meaning four & "*lumen*" - which is the unit of measurement for light

Residential

If there is anything that can appreciably alter your lighting experience and feel of your home, it's LED Lighting by QL. Bright light for study or reading corners. Warm light for living and dining. Soft light for your kitchen. Set the right moods with QL LED lights.

Commercial

To utilise energy in an efficient manner and to improve productivity, there is a need of distinct LED lighting solutions for Commercial buildings, Healthcare segments, Educational facilities, Hotels and Resorts, Bay areas & Workplace. Warm lighting for its reception, versatile lighting for board room and any other area you choose to illuminate. Experience QL LED lights for your every need and feel the difference.

Industrial

Increase energy efficiency with QL LED lights. Every Industry needs different lighting infrastructure for proficient working. Hence the need for good quality & uniform lighting for its various needs like shop floor, warehouse, quality labs, stores, bay areas, workplace.

Outdoor

Make public areas safer with QL LED Lights. Durable lights for Long term maintenance free use. Clear, high contrast light for night-time visibility. Choose from the wide range of our products to suit your different needs.



LIGHT BULB	13	STREET LIGHT.....	53
LED Light Bulb		LED Street Light - PDC Mini	
LED Light Bulb 3in1 CCT		LED Street Light - PDC Rocket	
TUBE LIGHT	19	LED Street Light - PDC Modular	
LED T5 Batten		LED Street Light - Extrusion	
LED T8 Retrofit Tube		CANOPY LIGHT.....	65
DOWN LIGHT	25	LED Canopy Light	
LED Down Light - Backlit		BAY LIGHT.....	69
PANEL LIGHT.....	31	LED Bay Light	
LED 2X2 Light - Backlit		FLOOD LIGHT.....	73
LED Recessed Panel - Edgelit		LED Flood Light	
LED Surface Light - Edgelit		GLOSSARY.....	76
LED 2X2 1X4 Panel - Edgelit			
SPOT LIGHT.....	41		
LED Recessed Spot Light - COB			
NIGHT BULB.....	45		
LED 0.5W Decoration Night Bulb			
STRIP LIGHT.....	49		
LED Strip Light			

QUADRALUMEN
LED by life



QUADCORE DRIVER™

High Efficiency
Upto 90%

High Power Factor (PF)
> 0.95

Total Harmonics
Distortion (THD)
< 10%-15%

2.5kV
Surge Protection
up to 48W

6-10kV
Surge Protection
for 60W & above

Under Voltage
Protection

Over Voltage
Protection

Wide Operating Voltage
Range 90-300VAC

440VAC Sustainability

Over Temperature
Protection

Short Circuit Protection

IP66 Protection

*Some values may vary for different category of products.

“A true replacement
of traditional filament bulb
with no further reconfiguration...”

LIGHT BULB **aurus**TM



Powered by

**QUADCORE
DRIVER**TM

Powered by
**QUADCORE
DRIVER™**



aurus™

LED Light Bulb

Product specification

Wattage	3W 5W 7W 9W 12W 15W 18W
Power Factor	>0.90
CRI	>80
Operating Temperature	-20°C to +60°C
Input Voltage	90-300V AC 50Hz
Harmonics (THD)	<20%
Rated Life	>50,000Hrs
No. of Switching Cycles	50,000
Starting Time	<0.5 s
Beam Angle	240°
Available Caps	B22
CCT	Warm White Daylight

Area of applications

- Home
- Offices
- Showrooms
- Retail Shops
- Factories
- School & College
- Hotel & Resorts
- Malls

Body type

Aluminum + Engineered Plastics

Wattage	Lumens		Dimensions (mm)		Ordering Code
	WW	DL	Dia	Height	
3W	255	300	45	80	QL7001RG003W1 WW/DL
5W	425	500	55	102	QL7001RG005W2 WW/DL
7W	595	700	65	116	QL7001RG007W3 WW/DL
9W	765	900	70	123	QL7001RG009W3 WW/DL
12W	1020	1200	80	135	QL7001RG012W4 WW/DL
15W	1275	1500	80	145	QL7001RG015W5 WW/DL
18W	1530	1800	85	153	QL7001RG018W6 WW/DL

WW:2700-3000K | DL:5700-6500K



Powered by
**QUADCORE
DRIVER™**



3 in 1

aurus+

LED Light Bulb 3in1 CCT



Product specification

Wattage	7W 9W
Power Factor	>0.90
CRI	>80
Operating Temperature	-20°C to +60°C
Input Voltage	90-300V AC 50Hz
Harmonics (THD)	<20%
Rated Life	>50,000Hrs
No. of Switching Cycles	50,000
Starting Time	<0.5 s
Beam Angle	240°
Available Caps	B22
CCT	Warm White Neutral White Daylight

Area of applications

- Home
- Offices
- Showrooms
- Retail Shops
- Factories
- School & College
- Hotel & Resorts
- Malls

Body type

Aluminum + Engineered Plastics

Wattage	Lumens			Dimensions (mm)		Ordering Code
	WW	NW	DL	Dia	Height	
7W	595	595	700	61	109	QL7015ML007W3ML
9W	765	765	900	68	126	QL7015ML009W3ML

WW:2700-3000K | NW:4000K | DL:5700-6500K



“Experience unparalleled light distribution with our range of energy efficient lighting...”



Powered by
**QUADCORE
DRIVER™**



aarotino™

LED T5 Batten

Product specification

Wattage	10W 20W
Power Factor	>0.90
CRI	>80
Operating Temperature	-20°C to +60°C
Input Voltage	90-275V AC 50Hz
Harmonics (THD)	<20%
Rated Life	>50,000Hrs
No. of Switching Cycles	50,000
Starting Time	<0.5 s
CCT	Warm White Daylight

Area of applications

- Home
- Factories
- Business Centers
- Offices
- School & College
- Café & Restaurants
- Shopping Arcades
- Hotel & Resorts
- Theaters
- Retail Shops
- Modern Retail
- Hospitals

Body type

Aluminum Extrusion + Engineered Plastics

Wattage	Lumens		Dimensions (mm)			Ordering Code
	WW	DL	Length	Height	Depth	
10W	850	1000	600	30	20	QL4001BT010W5 WW/DL
20W	1700	2000	1200	30	20	QL4001BT020W5 WW/DL

WW:2700-3000K | DL:5700-6500K



Powered by
**QUADCORE
DRIVER™**



aarotino+

LED T8 Retrofit Tube



4011RF

Product specification

Wattage	10W 20W
Power Factor	>0.90
CRI	>80
Operating Temperature	-20°C to +60°C
Input Voltage	90-275V AC 50Hz
Harmonics (THD)	<20%
Rated Life	>50,000Hrs
No. of Switching Cycles	50,000
Starting Time	<0.5 s
CCT	Warm White Daylight

Area of applications

- Home
- Factories
- Business Centers
- Offices
- School & College
- Café & Restaurants
- Shopping Arcades
- Hotel & Resorts
- Theaters
- Retail Shops
- Modern Retail
- Hospitals

Body type

Aluminum Extrusion + Engineered Plastics

Wattage	Lumens		Dimensions (mm)		Ordering Code
	WW	DL	Length	Dia	
10W	850	1000	600	30	QL4011RF010W8 WW/DL
20W	1700	2000	1200	30	QL4011RF020W8 WW/DL

WW:2700-3000K | DL:5700-6500K



“Experience our brilliant light,
extended life and
future-friendly downlights...”





1001RD

speranza™

LED Downlight - Backlit

Product specification

Wattage	12W 15W 18W 21W 24W
Power Factor	>0.90
CRI	>80
Operating Temperature	-20°C to +60°C
Input Voltage	90-275V AC 50Hz
Harmonics (THD)	<20%
Rated Life	>50,000Hrs
No. of Switching Cycles	50,000
Starting Time	<0.5 s
CCT	Warm White Neutral White Daylight

Area of applications

- Residential
- Offices
- Shopping Arcades
- Hotel & Resorts
- Modern Retail
- IT Centers
- Business Centers

Body type

Powder Coated Die Cast Aluminium

Wattage	Lumens			Dimensions (mm)			Ordering Code
	WW	NW	DL	Depth	Cut Out	Outer Dia	
12W	1020	1020	1140	65	125	145	QL1001RD012W6 WW/NW/DL
15W	1275	1275	1425	65	125	145	QL1001RD015W6 WW/NW/DL
18W	1530	1530	1710	65	125	145	QL1001RD018W6 WW/NW/DL
21W	1785	1785	1995	65	174	196	QL1001RD021W8 WW/NW/DL
24W	2040	2040	2280	65	174	196	QL1001RD024W8 WW/NW/DL

WW:2700-3000K | NW:4000K | DL:5700-6500K



Recessed



Energy Saving



Mercury Non Hazardous



UV/IR



Low Carbon



1001SQ

speranza™

LED Downlight - Backlit

Product specification

Wattage	12W 15W 18W 21W 24W
Power Factor	>0.90
CRI	>80
Operating Temperature	-20°C to +60°C
Input Voltage	90-275V AC 50Hz
Harmonics (THD)	<20%
Rated Life	>50,000Hrs
No. of Switching Cycles	50,000
Starting Time	<0.5 s
CCT	Warm White Neutral White Daylight

Area of applications

- Residential
- Offices
- Shopping Arcades
- Hotel & Resorts
- Modern Retail
- IT Centers
- Business Centers

Body type

Powder Coated Die Cast Aluminium

Wattage	Lumens			Dimensions (mm)			Ordering Code
	WW	NW	DL	Depth	Cut Out	Outer	
12W	1020	1020	1140	60	125x125	140x140	QL1001SQ012W6 WW/NW/DL
15W	1275	1275	1425	60	125x125	140x140	QL1001SQ015W6 WW/NW/DL
18W	1530	1530	1710	60	125x125	140x140	QL1001SQ018W6 WW/NW/DL
21W	1785	1785	1995	70	165x165	180x180	QL1001SQ021W7 WW/NW/DL
24W	2040	2040	2280	70	165x165	180x180	QL1001SQ024W7 WW/NW/DL

WW:2700-3000K | NW:4000K | DL:5700-6500K



Recessed



Energy Saving



Mercury Non Hazardous



UV/IR



Low Carbon

“Making your workplace
effective & efficient...”

PANEL LIGHT

antaresTM
interskyTM

Powered by

**QUADCORE
DRIVER**TM



Powered by
QUADCORE DRIVER™



QUADRALUMEN
LED by life



2001SQ

antares™

LED 2x2 Light - Backlit

Product specification

Wattage	36W 45W
Power Factor	>0.90
CRI	>80
Operating Temperature	-20°C to +60°C
Input Voltage	90-275V AC 50Hz
Harmonics (THD)	<20%
Rated Life	>50,000Hrs
No. of Switching Cycles	50,000
Starting Time	<0.5 s
CCT	Warm White Neutral White Daylight

Area of applications

- Offices
- Shopping Arcades
- Retail Shops
- IT Centers
- Laboratories
- Factories
- School & College
- Hotel & Resorts
- Modern Retail
- Hospitals
- Business Centers
- Café & Restaurants
- Theaters

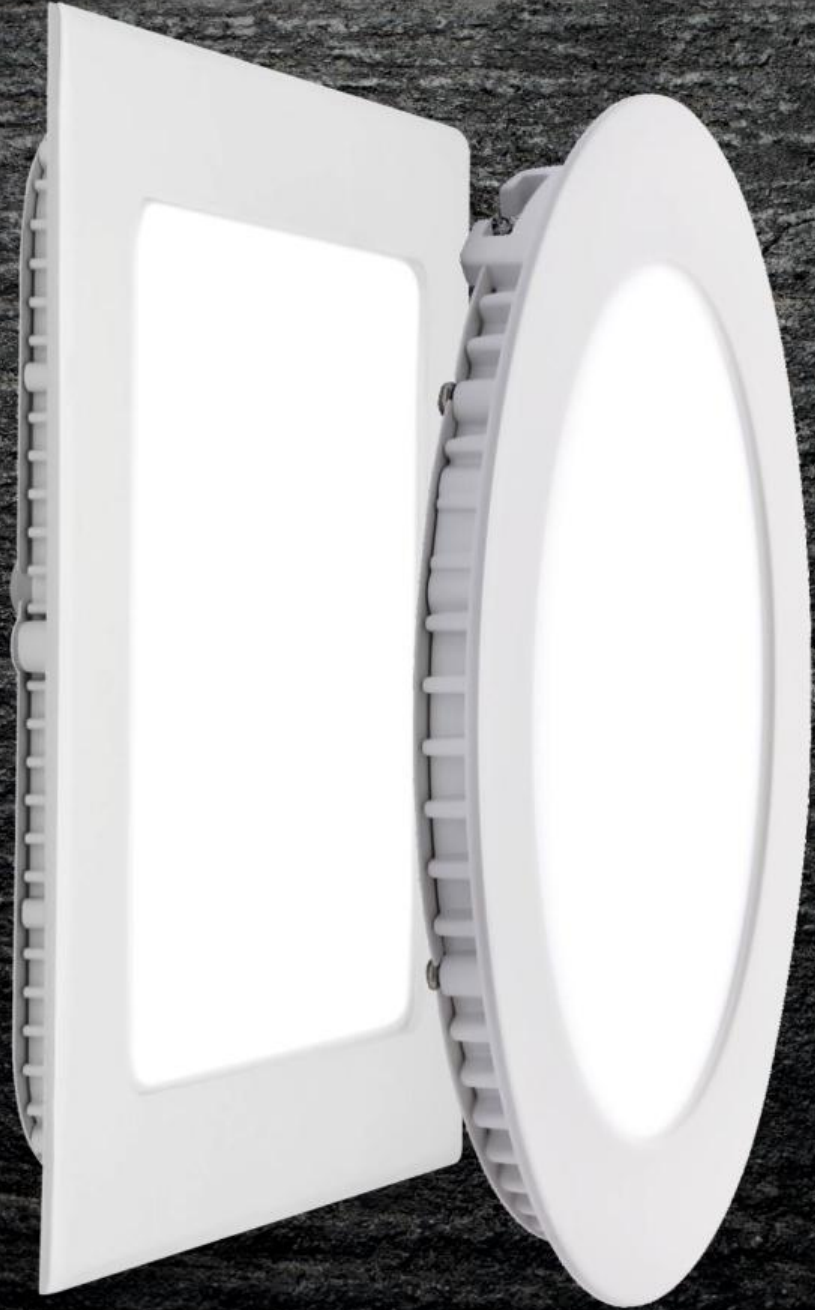
Body type

Deep Drawn CRCA + Powder coated.

Wattage	Lumens			Dimensions (mm)			Ordering Code
	WW	NW	DL	Depth	Cut Out	Outer	
36W	3060	3060	3600	70	590x590	595x595	QL2001SQ036W2 WW/NW/DL
45W	3825	3825	4500	70	590x590	595x595	QL2001SQ045W2 WW/NW/DL

WW:2700-3000K | NW:4000K | DL:5700-6500K





intersky™

LED Recessed Panel - Edgelit



9001RD



9001SQ

Product specification

Wattage	6W 9W 12W 15W 18W 30W
Power Factor	>0.90
CRI	>80
Operating Temperature	-20°C to +60°C
Input Voltage	90-275V AC 50Hz
Harmonics (THD)	<20%
Rated Life	>50,000Hrs
No. of Switching Cycles	50,000
Starting Time	<0.5 s
CCT	Warm White Neutral White Daylight

Area of applications

- Residential
- School & College
- Business Centers
- Offices
- Hotel & Resorts
- Theaters
- Retail Shops
- Modern Retail
- Hospitals

Body type

Aluminum + Powder coated

Shape available

Round | Square

** "SQ" for Square
"RD" for Round

Wattage	Lumens			Dimensions (mm)			Ordering Code
	WW	NW	DL	Depth	Cut Out	Outer	
6W	510	510	570	24	105	120	QL9001**006W5 WW/NW/DL
9W	765	765	855	24	105	120	QL9001**009W5 WW/NW/DL
12W	1020	1020	1140	24	133	145	QL9001**012W6 WW/NW/DL
15W	1275	1275	1425	24	158	174	QL9001**015W7 WW/NW/DL
18W	1530	1530	1710	24	185	200	QL9001**018W8 WW/NW/DL
30W	2550	2550	2850	24	278	300	QL9001**30W12 WW/NW/DL

WW:2700-3000K | NW:4000K | DL:5700-6500K



Recessed



Energy Saving



Mercury Non Hazardous



UV/IR



Low Carbon

Powered by
QUADCORE DRIVER™



QUADRALUMEN
LED by IIFE

intersky™

LED Surface Light - Edgelit



Product specification

Wattage	9W 15W 18W 30W
Power Factor	>0.90
CRI	>80
Operating Temperature	-20°C to +60°C
Input Voltage	90-275V AC 50Hz
Harmonics (THD)	<20%
Rated Life	>50,000Hrs
No. of Switching Cycles	50,000
Starting Time	<0.5 s
CCT	Warm White Neutral White Daylight

Area of applications

- Residential
- Offices
- Retail Shops
- School & College
- Hotel & Resorts
- Modern Retail
- Business Centers
- Theaters
- Hospitals

Body type

Aluminum + Powder coated

Shape available

Round | Square

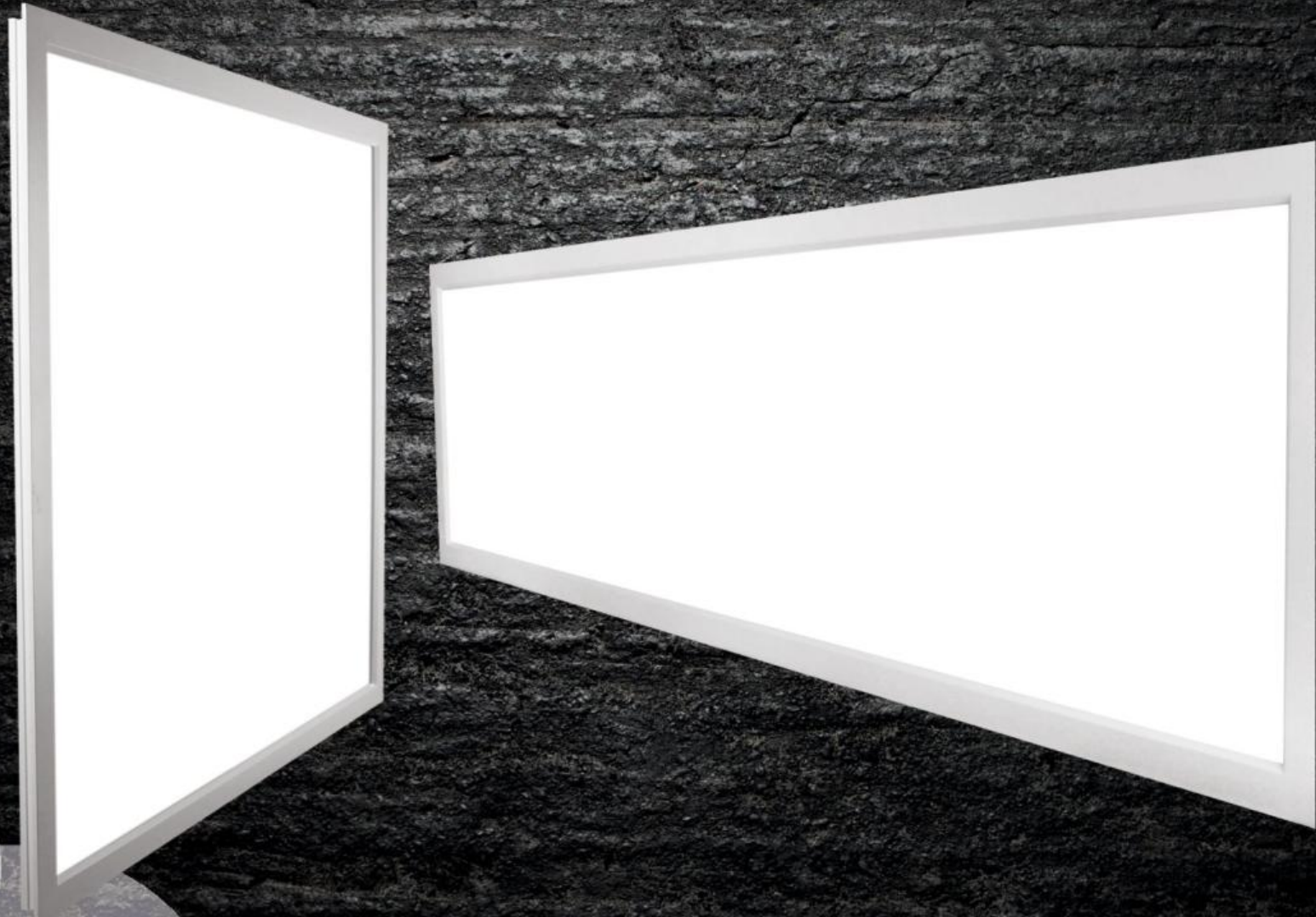
** "SQ" for Square
"RD" for Round

Wattage	Lumens			Dimensions (mm)		Ordering Code
	WW	NW	DL	Outer	Height	
9W	765	765	855	120	40	QL9003**009W5 WW/NW/DL
15W	1275	1275	1425	174	40	QL9003**015W7 WW/NW/DL
18W	1530	1530	1710	225	40	QL9003**018W8 WW/NW/DL
30W	2550	2550	2850	300	40	QL9003**30W12 WW/NW/DL

WW:2700-3000K | NW:4000K | DL:5700-6500K



Powered by
QUADCORE DRIVER™



intersky™

LED 2x2 | 1x4 Panel - Edgelit



9002SQ



9002RT

Product specification

Wattage	40W
Power Factor	>0.90
CRI	>80
Operating Temperature	-20°C to +60°C
Input Voltage	90-275V AC 50Hz
Harmonics (THD)	<20%
Rated Life	>50,000Hrs
No. of Switching Cycles	50,000
Starting Time	<0.5 s
CCT	Warm White Neutral White Daylight

Area of applications

- Offices
- Shopping Arcades
- Retail Shops
- IT Centers
- Laboratories
- Factories
- School & College
- Hotel & Resorts
- Modern Retail
- Hospitals
- Business Centers
- Café & Restaurants
- Theaters

Body type

Aluminum + Powder coated

Model	Wattage	Lumens			Dimensions (mm)			Ordering Code
		WW	NW	DL	Depth	Cut Out	Outer	
2X2	40W	3400	3400	4000	30	590x590	595x595	QL9002SQ040W2 WW/NW/DL
1X4	40W	3400	3400	4000	30	290x1190	295x1195	QL9002RT040W2 WW/NW/DL

WW:2700-3000K | NW:4000K | DL:5700-6500K



Recessed



Energy Saving



Non Hazardous



UV/IR



Low Carbon

“Become the center of attraction,
enjoy the sensation of being
under the spotlight...”

SPOTLIGHT **beamer**TM





3004RD 3004SQ 3005RD 3005SQ

beamer™

LED Recessed Spot Light - COB

Product specification

Wattage	12W
Power Factor	>0.90
CRI	>80
Operating Temperature	-20°C to +60°C
Input Voltage	90-275V AC 50Hz
Harmonics (THD)	<20%
Rated Life	>50,000Hrs
No. of Switching Cycles	50,000
Starting Time	<0.5 s
CCT	Warm White Daylight

Area of applications

- Residential
- Hotel & Resorts
- Business Centers
- Offices
- Modern Retail
- Café & Restaurants
- Shopping Arcades
- Retail Shops
- Theaters

Body type

Aluminum + Powder coated

Shape available

Round | Square

Model	Wattage	Lumens		Dimensions (mm)			Ordering Code
		WW	NW	Depth	Cut Out	Outer	
Rd. Adj.	12W	1020	1200	72	77	92	QL3004RD012W4 WW/DL
Sd. Adj.	12W	1020	1200	72	77X77	95X95	QL3004SQ012W4 WW/DL
Rd. Fixed	12W	1020	1200	72	77	92	QL3005SQ012W4 WW/DL
Sq. Fixed	12W	1020	1200	72	77X77	95X95	QL3005RD012W4 WW/DL

WW:2700-3000K | DL:5700-6500K



Recessed



Energy Saving



Mercury Non Hazardous



UV/IR



Low Carbon

“New dimension to add
colours to celebrations...”

NIGHT LAMP
arabellaTM





arabella™

LED 0.5W Decoration Night Lamp



Product specification

Wattage	0.5W
Operating Temperature	-20°C to +60°C
Input Voltage	90-275V AC 50Hz
Rated Life	>50,000Hrs
No of Switching Cycles	50,000
Starting Time	<0.5s
Available Base	B22

Area of applications

- Residential
- Cove Lighting
- Showrooms
- Retail Shops
- Museum
- Hotel & Resorts
- Modern Retail
- Shopping Arcades
- Theaters
- Monuments & Historical Places

Body type

Engineered Plastics

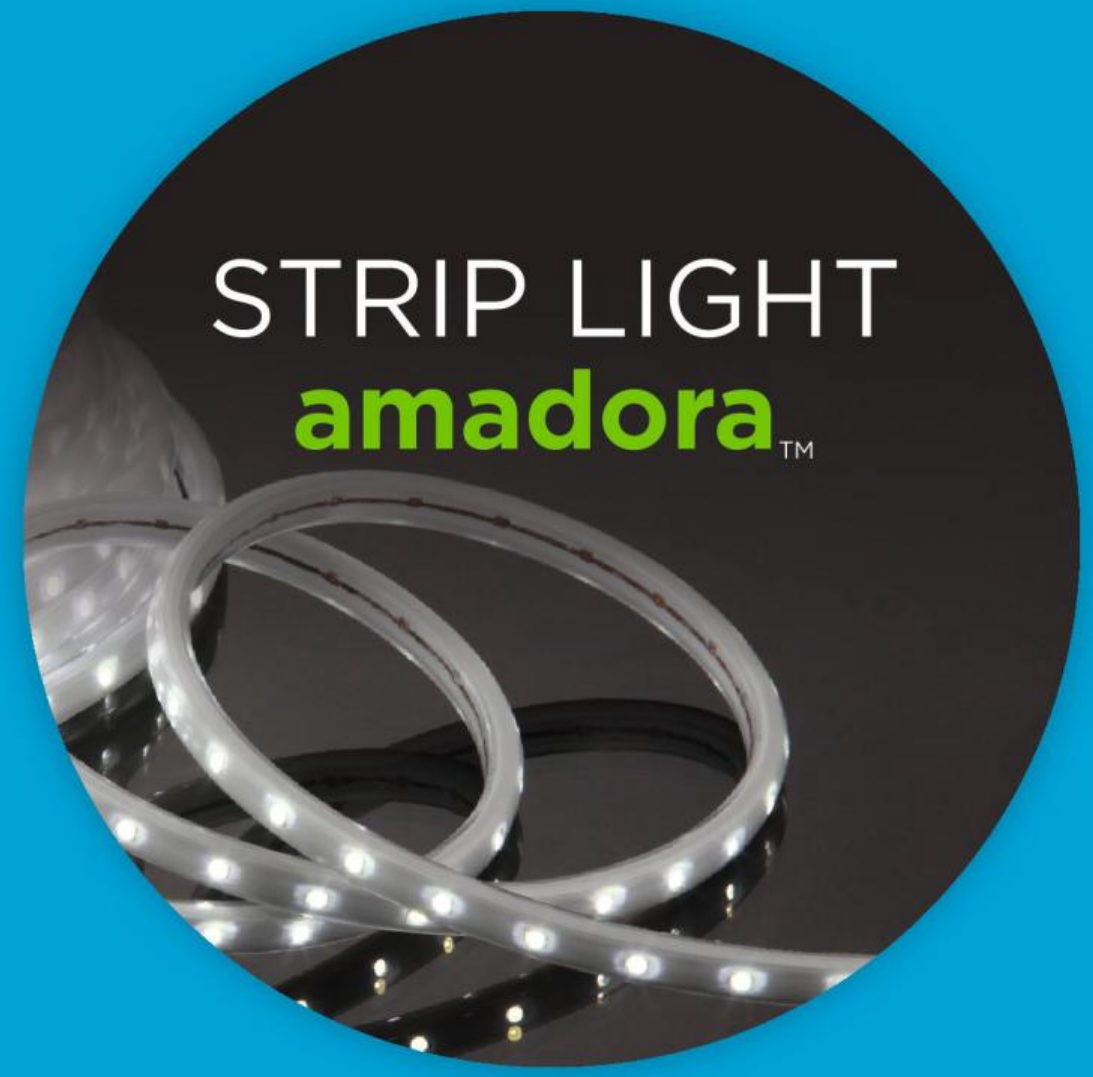
Available colours



Colour	Wattage	Ordering Code
White	0.5W	QL8001NLON5WRWH
Red	0.5W	QL8001NLON5WRRD
Green	0.5W	QL8001NLON5WRGR
Blue	0.5W	QL8001NLON5WRBL
Yellow	0.5W	QL8001NLON5WRYL



“Witness
the ease & ability of
seamless colourful lighting experiences...”





amadora™
LED Strip Light



Product specification

Input Voltage	90-275V AC 50Hz
Operating Temperature	-20°C to +60°C
Size (meter)	5m
IP	IP20 IP65

Area of applications

- Residential
- Cove Lighting
- Showrooms
- Retail Shops
- Museum
- Hotel & Resorts
- Modern Retail
- Shopping Arcades
- Theaters
- Monuments & Historical Places

Product details

Details	QL-6020ST (IP20) - for Indoor			QL-6065ST (IP65) - for Outdoor		
	24W	36W	72W	24W	36W	72W
Input Power	24W	36W	72W	24W	36W	72W
LED Chip	3528	5050	5050	3528	5050	5050
LEDs/m	60	30	60	60	30	60
Available Colours	Warm white Daylight	RGB	Warm white Daylight Red Green Blue	Warm white Daylight	RGB	Warm white Daylight Red Green Blue



“Ensuring road safety,
glare-free illumination &
enforcing a sense of security...”

STREET LIGHT **canopus**TM



Powered by
QUADCORE DRIVER™



6001PD



canopus™

LED Street Light - PDC Mini

Product specification

Wattage	15W 20W 30W
Input Voltage	120-300V AC 50Hz
Power Factor	>0.95
CRI	>70
Operating Temperature	-20°C to +60°C
Harmonics (THD)	<15%
Surge Protection	>7Kv
Ingress Protection (IP)	IP66
CCT	Daylight

Salient features

- Unique & Compact Design - 440V Sustainability
- Aluminium Pressure Die Cast Housing
- Upto 110 Lumens/Watt
- Integrated LENS Technology

Area of applications

- Arterial Roads
- Multi-level Junctions
- Perimeter Lighting
- Main Road
- Traffic Squares
- Security Lighting

Wattage	Lumens	Dimensions (mm)			Weight (Kgs.)	Ordering Code
	DL	Length	Height	Width		
15W	1650	242	70	117	0.55	QL6001PDO15WIDL
20W	2200	242	70	117	0.55	QL6001PDO20WIDL
30W	3300	242	70	117	0.55	QL6001PDO30WIDL

DL:5700K



Powered by
**QUADCORE
DRIVER™**



6651PD

canopus™

LED Street Light - PDC Rocket

Product specification

Wattage	20W 30W
Input Voltage	120-300V AC 50Hz
Power Factor	>0.95
CRI	>70
Operating Temperature	-20°C to +60°C
Harmonics (THD)	<15%
Surge Protection	>7Kv
Ingress Protection (IP)	IP66
CCT	Daylight

Salient features

- Unique Rocket inspired Design - 440V Sustainability
- Aluminium Pressure Die Cast Housing
- Upto 110 Lumens/Watt
- Integrated LENS Technology

Area of applications

- Arterial Roads
- Main Road
- Multi-level Junctions
- Traffic Squares
- Perimeter Lighting
- Security Lighting

Wattage	Lumens	Dimensions (mm)			Weight (Kgs.)	Ordering Code
	DL	Length	Height	Width		
20W	2200	375	53	76	1.10	QL6651PDO20W1DL
30W	3300	375	53	76	1.10	QL6651PDO30W1DL

DL:5700K



Pole



Energy Saving



Mercury Non Hazardous



UV/IR



Low Carbon

Powered by
QUADCORE DRIVER™



QUADRALUMEN
LED by life



6651PD

canopus™

LED Street Light - PDC Modular

Product specification

Wattage	45W 60W 72W 100W 120W 150W 180W 210W 250W
Input Voltage	120-300V AC 50Hz
Power Factor	>0.95
CRI	>70
Operating Temperature	-20°C to +60°C
Harmonics (THD)	<15%
Surge Protection	>7Kv
Ingress Protection (IP)	IP66
CCT	Daylight

Salient features

- Modular Technology with Pressure Die Cast Aluminium Housing
- Upto 100 Lumens/Watt - 440V Sustainability
- Pole mount included - suitable for 50/60mm OD mounting pipe
- Integrated LENS Technology for various road categories like Type I, Type II, etc

Area of applications

- Arterial Roads
- Main Road
- Multi-level Junctions
- Traffic Squares
- Perimeter Lighting
- Security Lighting

No. of Modules	Wattage	Lumens	Dimensions (mm)			Weight (Kgs.)	Ordering Code
		DL	Length	Height	Width		
1	45w	4500	390	102	295	3.40	QL6651PD045W1DL
1	60w	6000	390	102	295	3.40	QL6651PD060W1DL
1	72w	7200	390	102	295	3.40	QL6651PD072W1DL
2	100w	10000	503	102	295	4.20	QL6651PD100W2DL
2	120w	12000	503	102	295	4.20	QL6651PD120W2DL
2	150w	15000	503	102	295	4.20	QL6651PD150W2DL
3	180w	18000	616	102	295	5.10	QL6651PD180W3DL
3	210w	21000	616	102	295	5.10	QL6651PD210W3DL
4	250w	25000	730	102	295	6.20	QL6651PD250W4DL

DL:5700K



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**QUADCORE
DRIVER™**



QUADRALUMEN
LED by life



6601EX

canopus™-Ex

LED Street Light - Extrusion

Product specification

Wattage	60W 72W 100W 120W 150W 180W 210W 250W
Input Voltage	120-300V AC 50Hz
Power Factor	>0.95
CRI	>70
Operating Temperature	-20°C to +60°C
Harmonics (THD)	<15%
Surge Protection	>7Kv
Ingress Protection (IP)	IP66
CCT	Daylight

Salient features

- Slim design - Aluminium extrusion - Epoxy powder coated - 440V Sustainability
- External IP66 Driver for ease of maintenance - 100 Lumens/Watt
- Pole mount included - suitable for 50/60mm OD mounting pipe
- High performance optical lenses for various road categories like Type I, Type II, etc

Area of applications

- Arterial Roads
- Main Road
- Multi-level Junctions
- Traffic Squares
- Perimeter Lighting
- Security Lighting

Wattage	Lumens	Dimensions (mm)			Weight (Kgs.)	Ordering Code
	DL	Length	Height	Width		
60W	6000	365	122	302	4.50	QL6601EX060W1DL
72W	7200	365	122	302	4.50	QL6601EX072W1DL
100W	10000	365	122	302	4.50	QL6601EX100W1DL
120W	12000	365	122	302	4.50	QL6601EX120W1DL
150W	15000	365	122	302	4.50	QL6601EX150W1DL
180W	18000	465	122	302	5.60	QL6601EX180W2DL
210W	21000	465	122	302	5.60	QL6601EX210W2DL
250W	25000	515	122	302	6.30	QL6601EX250W3DL

DL:5700K



Pole



Energy Saving



Non Hazardous



UV/IR



Low Carbon



6602EX



QUADRALUMEN
LED by life

canopus™- Ex

LED Street Light - Extrusion

Product specification

Wattage	60W 72W 100W 120W 150W 180W 210W 250W
Input Voltage	120-300V AC 50Hz
Power Factor	>0.95
CRI	>70
Operating Temperature	-20°C to +60°C
Harmonics (THD)	<15%
Surge Protection	>7Kv
Ingress Protection (IP)	IP66
CCT	Daylight

Salient features

- Slim design - Aluminium extrusion - Epoxy powder coated - 440V Sustainability
- External IP66 Driver for ease of maintenance - 100 Lumens/Watt
- Pole mount included - suitable for 50/60mm OD mounting pipe
- High performance optical lenses for various road categories like Type I, Type II, etc

Area of applications

- Arterial Roads
- Main Road
- Multi-level Junctions
- Traffic Squares
- Perimeter Lighting
- Security Lighting

Wattage	Lumens	Dimensions (mm)			Weight (Kgs.)	Ordering Code
	DL	Length	Height	Width		
60W	6000	350	118	295	3.80	QL6602EX060W1DL
72W	7200	350	118	295	3.80	QL6602EX072W1DL
100W	10000	350	118	295	3.80	QL6602EX100W1DL
120W	12000	350	118	295	3.80	QL6602EX120W1DL
150W	15000	350	118	295	3.80	QL6602EX150W1DL
180W	18000	450	118	295	5.10	QL6602EX180W2DL
210W	21000	450	118	295	5.10	QL6602EX210W2DL
250W	25000	500	118	295	5.60	QL6602EX250W3DL

DL:5700K



Pole



Energy Saving



Mercury Non Hazardous



UV/IR



Low Carbon



“Exclusively designed for
fuel stations -
extremely energy efficient &
effortless maintenance...”





5551PD

atria™

LED Canopy Light

Product specification

Input Power	60W 80W 100W
Input Voltage	120-300V AC 50Hz
Power Factor	>0.95
CRI	>70
Operating Temperature	-20°C to +60°C
Harmonics (THD)	<15%
Surge Protection	>7Kv
Ingress Protection (IP)	IP44
Driver	IP66
CCT	Daylight

Salient features

- Pressure die-casted (PDC) aluminium - Epoxy powder coated
- IP66 Driver fitted on top frame - 440V Sustainability
- Mounting bracket provided with Inner frame
- Detachable frames for ease of maintenance
- High performance optical lenses for desired results & uniformity

Area of applications

- Petrol Pump Stations
- Stores Lighting
- Railway Platform Lighting
- Low Height Lighting in Factories
- Bay Lighting

Wattage	Lumens	Dimensions (mm)			Weight (Kgs.)	Ordering Code
	DL	Length	Height	Width		
60W	5400	319	132	235	5.90	QL5551PD060W1DL
80W	7200	319	132	235	5.90	QL5551PD080W1DL
100W	9000	319	132	235	5.90	QL5551PD100W1DL

DL:5700K



Recessed



Energy Saving



Mercury Non Hazardous



UV/IR



Low Carbon



“Discover the way
of uniform lighting
and to minimize lighting cost
efficiently...”

HIGHBAY LIGHT **casalite**TM



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DRIVER**TM

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**QUADCORE
DRIVER™**



QUADRALUMEN
LED by life



8801EX

casalite™ Ex

LED Bay Light

Product specification

Wattage	60W 72W 100W 120W 150W 180W 210W 250W
Input Voltage	120-300V AC 50Hz
Power Factor	>0.95
CRI	>70
Operating Temperature	-20°C to +60°C
Harmonics (THD)	<15%
Surge Protection	>7Kv
Ingress Protection (IP)	IP66
CCT	Daylight

Salient features

- Slim design - Aluminium extrusion - Epoxy powder coated - 440V Sustainability
- External IP66 Driver for ease of maintenance
- Mounting bracket with Anti-vibration eyebolt for luminaire suspension
- High performance optical lenses to suit different mounting heights
- Upto 100 Lumens/Watt

Area of applications

- Factory Lighting
- Bay Lighting
- Airport concourse area
- Railway Coach Factories
- Stores

Wattage	Lumens	Dimensions (mm)			Weight (Kgs.)	Ordering Code
	DL	Length	Height	Width		
60w	6000	325	255	302	5.00	QL8801EX060W1DL
72w	7200	325	255	302	5.00	QL8801EX072W1DL
100w	10000	325	255	302	5.00	QL8801EX100W1DL
120w	12000	325	255	302	5.00	QL8801EX120W1DL
150w	15000	325	255	302	5.00	QL8801EX150W1DL
180w	18000	435	255	302	6.50	QL8801EX180W2DL
210w	21000	435	255	302	6.50	QL8801EX210W2DL
250w	25000	435	255	302	6.50	QL8801EX250W2DL

DL:5700K



“Multi-purpose floodlight for variety of applications...”

FLOOD LIGHT **rasmus**TM



Powered by
**QUADCORE
DRIVER**TM

Powered by
QUADCORE DRIVER™



9901EX



QUADRALUMEN
LED by IIFE

rasmus™ Ex

LED Flood Light

Product specification

Wattage	60W 72W 100W 120W 150W 180W 210W 250W
Input Voltage	120-300V AC 50Hz
Power Factor	>0.95
CRI	>70
Operating Temperature	-20°C to +60°C
Harmonics (THD)	<15%
Surge Protection	>7Kv
Ingress Protection (IP)	IP66
CCT	Daylight

Salient features

- Slim design - Aluminium extrusion - Epoxy powder coated
- External IP66 Driver for ease of maintenance - 440V Sustainability
- Mounting strap - 360 degrees rotatable luminaire
- High performance optical lenses for desired results
- Upto 100 Lumens/Watt

Area of applications

- General Area Lighting
- Airport Apron Areas
- Facade Lighting
- High Mast Lighting
- Railway Marshaling Yards
- Architectural Lighting
- Road Junctions

Wattage	Lumens	Dimensions (mm)			Weight (Kgs.)	Ordering Code
	DL	Length	Height	Width		
60w	6000	325	285	302	5.20	QL9901EX060W1DL
72w	7200	325	285	302	5.20	QL9901EX072W1DL
100w	10000	325	285	302	5.20	QL9901EX100W1DL
120w	12000	325	285	302	5.20	QL9901EX120W1DL
150w	15000	325	285	302	5.20	QL9901EX150W1DL
180w	18000	435	285	302	6.70	QL9901EX180W2DL
210w	21000	435	285	302	6.70	QL9901EX210W2DL
250w	25000	435	285	302	6.70	QL9901EX250W2DL

DL:5700K

"9902" for Hoarding Light | "9903" for Tunnel Light



Glossary

Application: The use to which a lighting system will be put; for example, a lamp may be intended for indoor residential applications.

Average Rated Life: The number of hours at which half of a large group of product samples fail under standard test conditions. Rated life is a median value; any lamp or group of lamps may vary from the published rated life.

LED Beam Angle: The angle at which luminous intensity is 50 percent of the maximum intensity.

Color Rendering Index (CRI): A rating index commonly used to represent how well a light source renders the colors of objects that it illuminates. For a CRI value of 100, the maximum value, the colors of objects can be expected to be seen as they would appear under an incandescent or daylight spectrum of the same correlated color temperature (CCT).

Compact Fluorescent Lamp (CFL): A family of single-ended fluorescent-discharge light sources.

Correlated Color Temperature (CCT): A specification for white light sources used to describe the dominant color tone along the dimension from warm (yellows and reds) to cool (blue). Lamps with a CCT rating below 3200K are usually considered warm sources, whereas those with a CCT above 4000K usually considered cool in appearance. Temperatures in between are considered neutral in appearance.

Current (I): An electric current is a flow of electric charge. In electric circuits this charge is often carried by moving electrons in a wire.

Driver: For light emitting diodes, a device that regulates the voltage and current powering the source.

LED Efficacy: The ratio of light output (in lumens) to LED power (in watts) - or more technically, emitted flux (lumens) divided by power draw (watts)

Fixture: A complete lighting unit consisting of lamp or lamps and the parts designed to distribute the light, position and protect the lamp(s), and connect the lamp(s) to the power supply. (Also referred to as luminaire.)

Frequency (Hz): The number of cycles completed by a periodic wave in a given unit of time. Frequency is commonly reported in cycles per second, or hertz (Hz).

Kelvin Color Temperature: A measure of the color of a light source relative to a black body at a particular temperature expressed in degrees Kelvin (K). Incandescent lights have a low color temperature (approximately 2800K) and have a red-yellowish tone; daylight has a high color temperature (approximately 6000K) and appears bluish (the most popular fluorescent light, Cool White, is rated at 4100K).

Lamp/Luminaire Efficacy: The ratio of the light output of a lamp (lumens) to its active power (watts), expressed as lumens per watt (LPW).

Light Emitting Diode (LED): A solid-state electronic device formed by a junction of P-and N-type semiconductor material that emits light when electric current passes through it.

Lumen (lm): A unit measurement of the rate at which a lamp produces light. A lamp's light output rating expresses the total amount of light emitted in all directions per unit time.

Luminaire: A complete lighting unit consisting of a lamp or lamps and the parts designed to distribute the light, to position and protect the lamp(s), and to connect the lamp(s) to the power supply. (Also referred to as fixture.)

Lux (lx): A measure of illuminance in lumens per square meter. One lux equals 0.093 footcandle.

Power Factor (PF): The ratio of active power (in watts) to apparent power (in rms volt-amperes), power factor is a measure of how effectively an electric load converts power into useful work. Power factor (PF) is calculated using the equation $PF = (\text{active power}) / [(\text{rms voltage}) \times (\text{rms current})]$. Phase displacement and current distortion both reduce power factor. A power factor of 0.9 or greater indicates a high power factor luminaire.

Glossary

Rated Lamp Life: The number of hours at which half of a group of product samples fail. The rated life is a median value of life expectancy; any lamp or group of lamps may vary from the published rated life. Rated life is based on standard test conditions.

Total Harmonic Distortion (THD): A measure of the degree to which a sinusoidal wave shape is distorted by harmonics, with higher values of THD indicating greater distortion.

Uniformity: The degree of variation of illuminance over a given plane. Greater uniformity means less variation of illuminance. The uniformity ratio of illuminance is a measure of that variation expressed as either the ratio of the minimum to the maximum illuminance or the ratio of the minimum to the average illuminance.

Voltage (V): Voltage, also called electromotive force, is a quantitative expression of the potential difference in charge between two points in an electrical field. The greater the voltage, the greater the flow of electrical current.

Watts (W): The unit for measuring electrical power. It defines the rate of energy consumption by an electrical device when it is in operation. The energy cost of operating an electrical device is calculated as its wattage times the hours of use. In single phase circuits, it is related to volts and amps by the formula: Volts x Amps x Power Factor = Watts.



Notes...

Notes section with horizontal dashed lines for writing. A large, faint 'QL' logo is visible in the background.