



Tube & Panel Lighting Catalogue 2017



Led-lights.ie

Email: L.E.D.lighttechltd@gmail.com

Phone: 00 353 (0)45 529020



Light is like a diamond. It needs a perfect setting

LED Lightech Ltd is a fully owned Irish company based in Monasterevin Co Kildare. For over 35 years we have been installing beautiful lighting for many different projects from simple lamp replacements to DMX and DALI controlled lighting systems. Our skilled personnel work closely with our customers from concept stage to project completion. We work with designers, specifiers and contractors in creating effective and attractive lighting concepts.

The products we sell are of the highest standard and all are fully certified to meet regulations and standards such as TÜV, RoHS, CE, UL GS. To achieve the highest quality and reliability we use only recognised quality components such as CREE, Bridgelux, Osram, Philips and Epistar chips, and Tridonic, Philips, Osram, Samsung, Meanwell and other major quality leading brands of drivers. All our products have between 25000 and up to 100000 hours working life and are fully guaranteed for up to 5 years.

We cater for all requirements with our extensive range of LED products from our standard and designer range which you will find in our catalogue attached or visit our web site WWW. LED-LIGHTS.IE. We offer once off special fittings and lights to your requirements. By working closely with major lighting suppliers and designers in Europe everything is possible from unique designs, product quality, on time delivery and price competitive.

Grants up to 30% of outlay on retrofit and new builds by installing LED are available subject to a certain criteria, we offer a free service assisting you in obtaining these grants and helping you to permanently reduce your electricity costs, call us for more information.

Albert Crowley,
Managing Director
L.E.D.LightechLtd

PH 00 353 (0)45 529020
FAX 00 353 (0)45 529028
WWW.LED-LIGHTS.IE

LED Tube 3

LED Panel 4

Interior Luminaires 5-9



UL DLC SAA CTICK CE ROHS



Motion sensor Tube



Plastic led tube

1. When movement occurs the tube will go to 100% brightness. When there is no movement, the tube will turn off or reduce to 30% brightness.
2. Plastic led tube is the most stable and safe led tube. It has aluminum heat sink inside.
3. UL, DLC, SAA, CTICK, CE, ROHS Listed
4. Pluggable end caps with drivers that are easy to assemble and maintain.
5. No cables and no screws.
6. High PF up to 0.97, power saving over than 80%
7. Rotatable end caps available
8. Compatible with electronic ballast.

Item	LTG-T8209A	LTG-T8312A	LTG-T8418A	LTG-T8522A	LTG-T8626A	LTG-T8840A
Length	600mm	900mm	1200mm	1500mm	1800mm	2400mm
Power Consumption	10W	12W	18W	22W	26W	40W
Light Lumen	>1000lm	>1200lm	>1800lm	>2200lm	>2600lm	>3600lm
LED Brand	Epistar SMD2835					
LED Lumen	110-120lm/w					
Input Voltage	AC85-277V, 50-60Hz					
Power Factor	>0.95					
Colour Temperature	2700-6500K					
PC cover	Frosted or transparent					
THD	<15%					
Colour Rendering Index	>80					
Light Materials	Aluminium heat sink+PC Cover					
Light Lifetime	>50,000hours					
Compatible performance	Compatible with magnetic ballast					
Net Weight (Kg)	3.8	5.5	7	9.3	11.5	15
Package Size (mm)	660*230*230	950*230*230	1270*230*230	1570*230*230	1870*230*230	2480*230*230

LED Panel



Model No.:	LTL- 0303-12	LTL- 0306-18	LTL- 0606-40	LTL- 0312-48	LTL- 0612-72
Power	12W	18W	40W	48W	72W
size	300*300mm	300*600mm	600*600mm	300*1200mm	600*1200mm
Lumen	1100lm	1600lm	3200lm	3700lm	6400lm
LED Quantity	60pcs	90pcs	240pcs	240pcs	360pcs
LED type	SMD2835				
Input	AC85-265V, 50-60Hz				
CCT	2700-7000K				
CRI	>80				
PF	>0.92				
Installation	recessed, hanging				

LED Panel



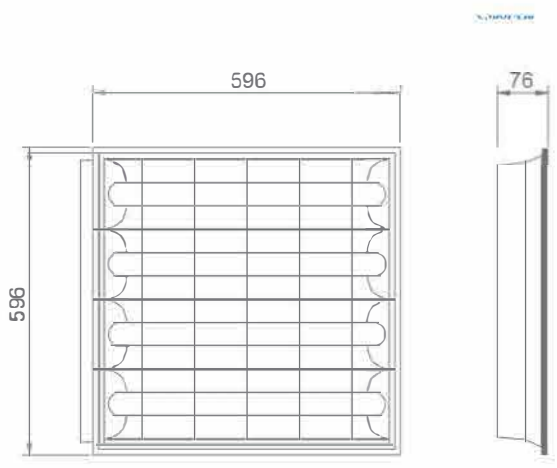
Model No.:	LTL-R85-3	LTL-R105-4	LTL-R120-6	LTL-R145-9
Power	3W	4W	6W	9W
Product size	85mm	105mm	120mm	145mm
Lumen	225lm	300lm	450lm	720lm
LED Quantity	15pcs	20pcs	30pcs	45pcs
Model No.:	LTL-R170-12	LTL-R190-15	LTL-R225-18	LTL-R250-20
Power	12W	15W	18W	20W
size	170mm	190mm	225mm	250mm
Lumen	960lm	1230lm	1530lm	1700lm
LED Quantity	60pcs	75pcs	90pcs	100pcs



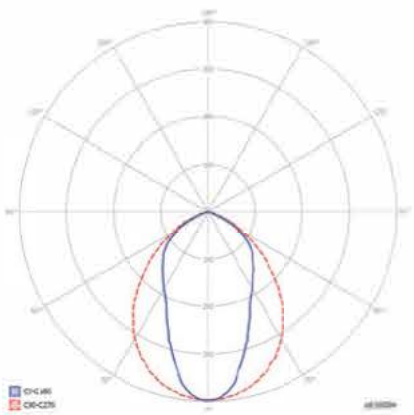
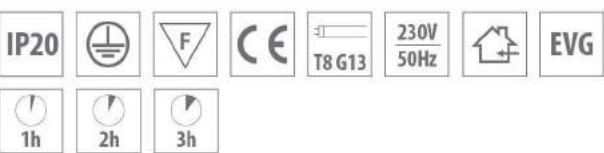
Model No.:	LTL-S85-3	LTL-S105-4	LTL-S120-6	LTL-S145-9
Power	3W	4W	6W	9W
Product size	85mm	105mm	120mm	145mm
Lumen	225lm	300lm	450lm	720lm
LED Quantity	15pcs	20pcs	30pcs	45pcs
Model No.:	LTL-S170-12	LTL-S190-15	LTL-S225-18	LTL-S250-20
Power	12W	15W	18W	20W
size	170mm	190mm	225mm	250mm
Lumen	960lm	1230lm	1530lm	1700lm
LED Quantity	60pcs	75pcs	90pcs	100pcs

Sawa PT

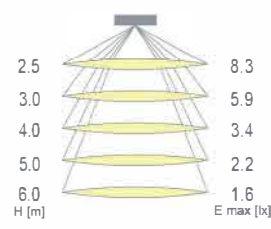
Fully paraboloidal aluminium reflector
 Body made of powder coated sheet steel
 EVG ballast, class=A2
 TS linear tubes available separately
 Installation: suspended ceilings
 Applications: offices, stores and other public utility rooms
 Brand ballast from BAG/PHILIPS/TRIDONIC
 Temperature working range: 10°C- 50°C



Sawa PT



Sawa 4x18 W



Sawa 4x18

EMERGENCY MODELS

Model	Catalogue number	Dimensions (mm)	Weight (kg)	Installation	Multi-pack (pcs)
SAWA 4x18 W PT SAVA 1 h	99988	596x76x596	5,25	ceiling	2
SAWA 4x18 W PT SAVA 2 h	99987	596x76x596	5,32	ceiling	2
SAWA 4x18 W PT SAVA 3 h	99986	596x76x596	5,39	ceiling	2

STANDARD MODELS

Model	Catalogue number	Dimensions (mm)	Weight (kg)	Installation
SAWA 4x18 W PT EVG	99871	596x76x596	5,25	ceiling

SPACING TABLE FOR FLAT EVACUATION ROUTES

SAWA 4x18

Installation height (m)				
2,5	2,4	4,9	5,6	2,7
3	2,4	6,8	7,5	2,9
4	2,2	6,9	8,3	3,0

Sawa NT

Fully paraboloidal reflector made of sheet steel coated with aluminium

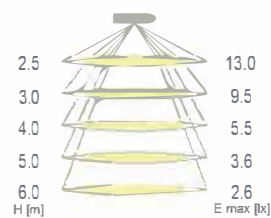
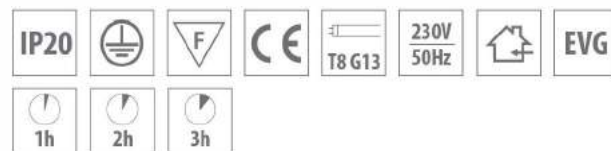
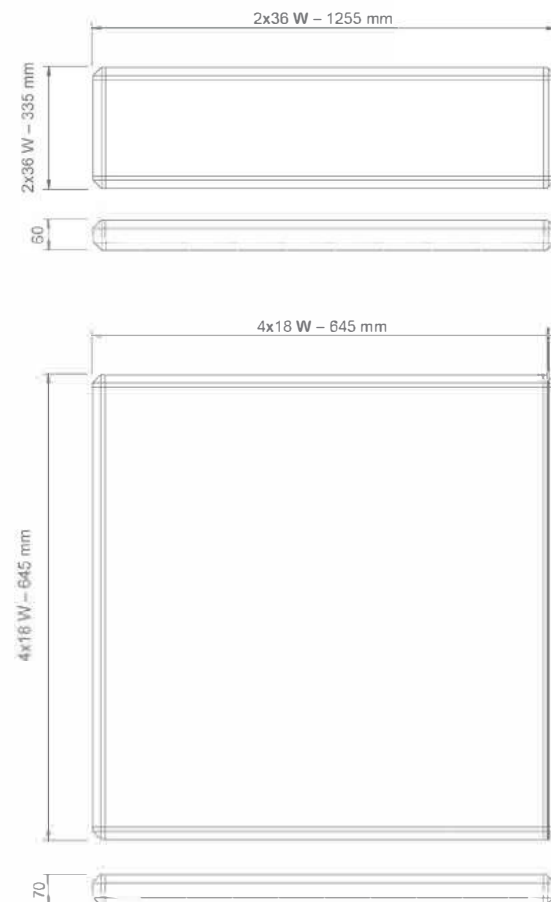
Body made of powder coated sheet steel

EVG ballast, class=A2

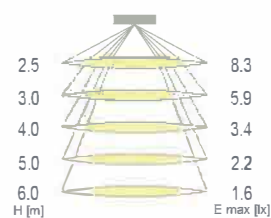
TS linear tubes available separately

Ceiling installation or pendant type

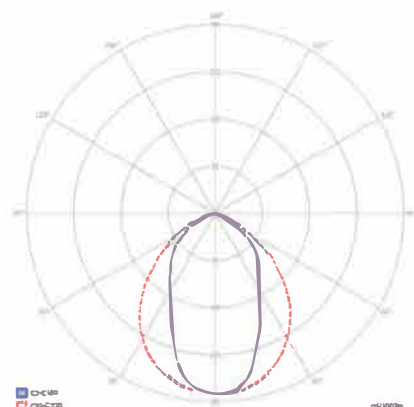
Temperature working range: 10°C – 50°C



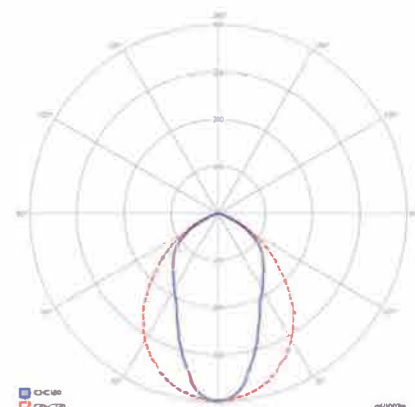
Sawa 2x36



Sawa 4x18



Sawa 2x36 W



Sawa 4x18 W



EMERGENCY MODELS

Model	Catalogue number	Dimensions (mm)	Weight (kg)	Installation	Multi-pack (pcs)
SAWA 4x18 W NT SA/A 1 h	99985	645x70x645	5,15	suspended	2
SAWA 4x18 W NT SA/A 2 h	99984	645x70x645	5,22	suspended	2
SAWA 4x18 W NT SA/A 3 h	99983	645x70x645	5,29	suspended	2
SAWA 2x36 W NT SA/A 1 h	99982	1255x60x335	5,15	suspended	2
SAWA 2x36 W NT SA/A 2 h	99981	1255x60x335	5,22	suspended	2
SAWA 2x36 W NT SA/A 3 h	99980	1255x60x335	5,29	suspended	2

STANDARD MODELS

Model	Catalogue number	Dimensions (mm)	Weight (kg)	Installation
SAWA 4x18 W NT EVG	99872	645x70x645	5,15	suspended
SAWA 2x36 W NT EVG	99873	1255x60x335	5,15	suspended

SPACING TABLE FOR FLAT EVACUATION ROUTES

SAWA 4x18

Installation height (m)	1	2	3	4
2,5	2,4	4,9	5,6	2,7
3	2,4	6,8	7,5	2,9
4	2,2	6,9	8,3	3,0

SAWA 2x36

Installation height (m)	1	2	3	4
2,5	2,8	7,0	8,1	3,3
3	3,0	7,7	8,8	3,5
4	3,0	8,5	9,9	3,8

Sawa LED

Reflector: aluminium (Sawa LED PT) or made of sheet steel coated with aluminium (Sawa LED NT)

Body made of powder coated sheet steel

Cabling adapted for LED tubes with internal one or two-sided power supply

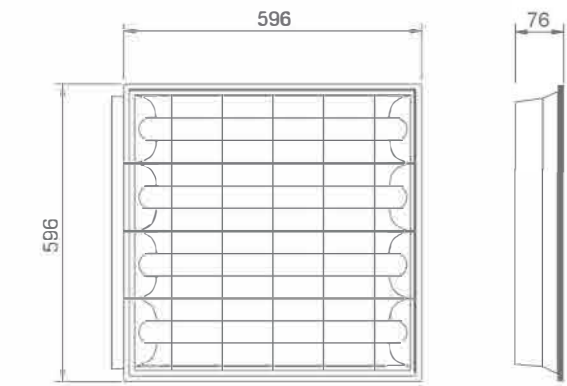
A version including an integrated power supply unit for LED tubes with internal power supply is available

60 cm or 120 cm (Sawa LED NT) long TS LED tubes separately available on request

Installation: in suspended ceilings (Sawa LED PT) or ceiling installation/pendant type (Sawa LED NT)

Suitable for: offices, stores and other public utility rooms

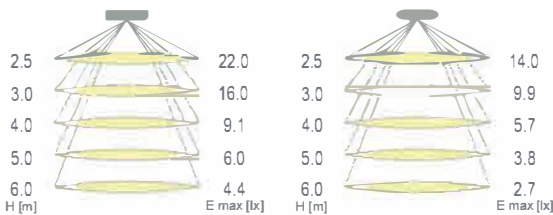
Temperature working range: 10°C - 50°C



Sawa PT



Sawa NT



Sawa 2x120 LED

Sawa 4x60 LED



Sawa 4x60 PT



Sawa 2x120 NT



Sawa 4x60 NT

EMERGENCY MODELS

Model	Catalogue number	Colour temperature *	Installation	Dimensions (mm)	Weight (kg)
SAWA LED 4x60 2 h PT 4000 K	98293	4000 K	ceiling	596x76x596	4,90
SAWA LED 4x60 2 h NT 4000 K	98291	4000 K	suspended	645x70x645	4,80
SAWA LED 2x120 2 h NT 4000 K	98289	4000 K	suspended	1255x60x335	4,80

* Other colour temperatures on request

STANDARD MODELS

Model	Catalogue number	Installation	Dimensions (mm)	Weight (kg)
SAWA 4x60 cm PT LED	99672	ceiling	596x76x596	4,90
SAWA 4x60 cm NT LED	99671	suspended	645x70x645	4,80
SAWA 2x120 cm NT LED	99670	suspended	1255x60x335	4,80

SPACING TABLE FOR FLAT EVACUATION ROUTES

SAWA 4x60 LED

Installation height (m)	3,2	6,5	6,4	3,2
2,5	3,2	6,5	6,4	3,2
3	3,4	8,4	8,4	3,4
4	3,4	9,8	9,6	3,7

SAWA 2x120 LED

Installation height (m)	3,4	7,5	9,1	3,8
2,5	3,4	7,5	9,1	3,8
3	3,8	8,6	10,0	4,1
4	4,4	10,5	11,7	4,7

Luvia LED

IP44 protection rating

Body made of powder coated sheet steel

Light made of PMMA (milky)

Power supply voltage: 230 V 50-60 Hz

Power factor: >= 0,85

Total power consumption:

19 W, 29 W (version 60 cm), 24 W, 37 W, 57 W (version 120 cm)

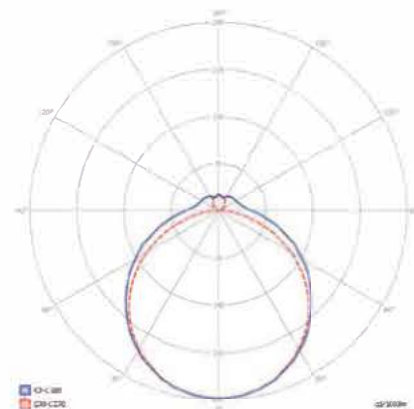
LED source power: 16 W, 25 W (60 cm), 20 W, 31 W, 49 W (120 cm) Colour temperature: 3000 K / 4000 K

CRI index: Ra >= 80

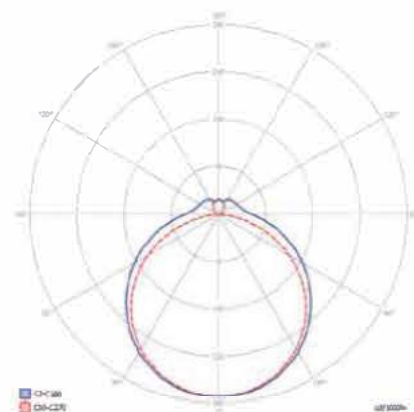
Light luminous flux: 900 lm, 1600 lm (60 cm), 1350 lm, 2000 lm, 3300 lm (120 cm)

Ceiling installation or pendant type installation For illuminating public utility buildings

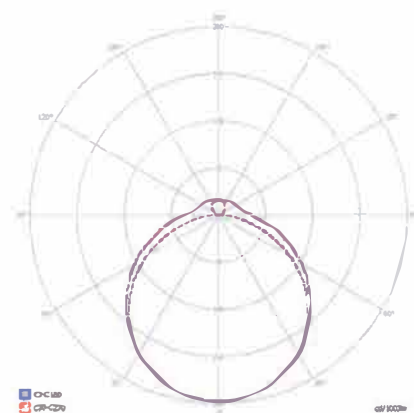
Temperature working range: 10°C - 50°C



Luvia LED 120 Standard



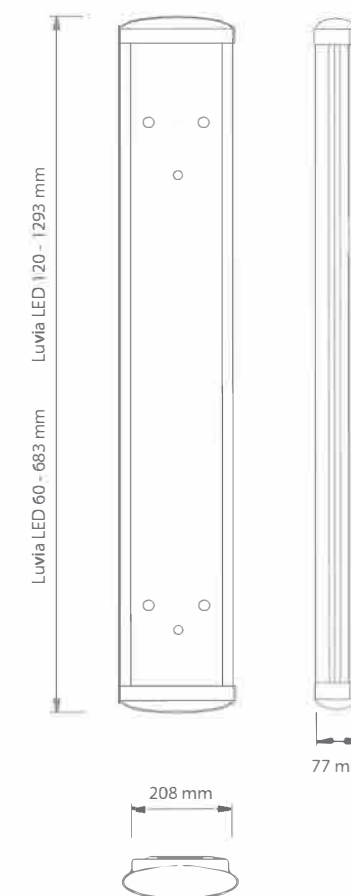
Luvia LED 120 Premium



Luvia LED 120 Eco



Luvia LED



2.5	67	2.5	77	2.5	45
3.0	48	3.0	55	3.0	32
4.0	29	4.0	33	4.0	19
5.0	20	5.0	23	5.0	13
6.0	15	6.0	17	6.0	10
H [m]	E max [lx]	H [m]	E max [lx]	H [m]	E max [lx]
Luvia LED 120 Standard		Luvia LED 120 Premium		Luvia LED 120 Eco	

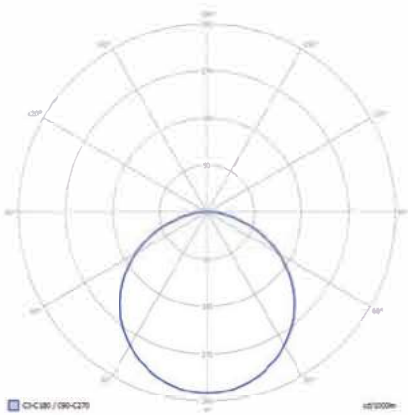
Model	Catalogue number	Power	Luminous flux*	Colour temperature**	Weight (kg)
Luvia LED Eco 120	97923	24 W	2500 lm / 1350 lm	3000 K / 4000 K	3,0
Luvia LED Standard 60	97922	19 W	1950 lm / 900 lm	3000 K / 4000 K	1,6
Luvia LED Standard 120	97921	37 W	3900 lm / 2000 lm	3000 K / 4000 K	3,0
Luvia LED Premium 60	97920	29 W	3050 lm / 1600 lm	3000 K / 4000 K	2,0
Luvia LED Premium 120	97919	57 W	6150 lm / 3000 lm	3000 K / 4000 K	3,8

*LED panel data without and with diffuser

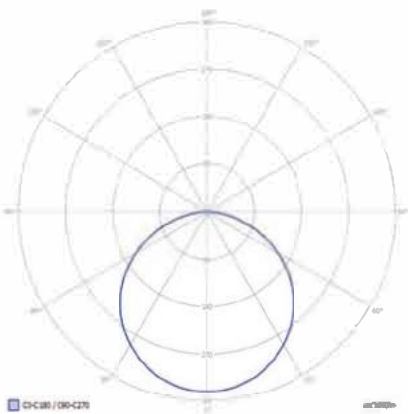
** Other colour temperatures on request

Quantum LED

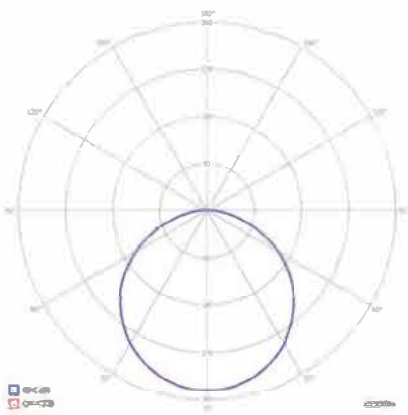
IP40 protection rating
 Optical system: PMMA diffuser
 Body: alluminium frame
 Light source: LED
 Ceiling installation for pendant type Installation in
 suspended ceilings Temperature working range:
 10°C - 50°C



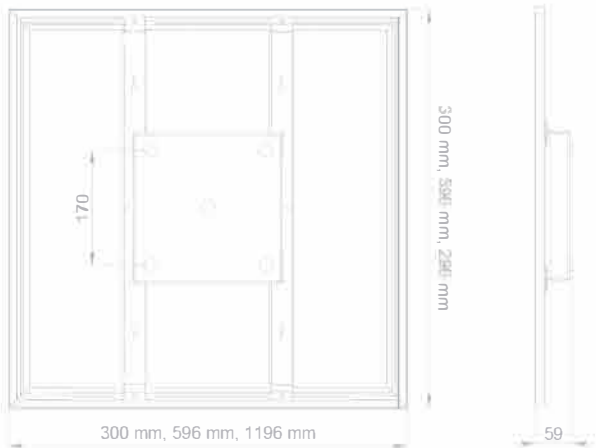
Quantum Premium 40 W 600x600



Quantum Premium 50 W 600x600



Quantum Premium 50 W 1200x300



6		40	6		54	6		62
5		54	5		73	5		84
4		80	4		107	4		123
3		135	3		182	3		207
2,5		191	2,5		256	2,5		291
H [m]		E max [lx]	H [m]		E max [lx]	H [m]		E max [lx]
Quantum Premium 40 W 600x600			Quantum Premium 50 W 600x600			Quantum Premium 50 W 1200x300		



QUANTUM LED PREMIUM

Model *	Catalogue number	Power	Luminous flux	Colour temperature**	Basic dimensions (mm)	Weight (kg)
Quantum LED Premium PT 15 W 300x300 4000 K	97946	18 W	1180 lm	4000 K	300 x 300	3,5
Quantum LED Premium PT 40 W 600x600 4000 K	98017	42 W	3600 lm	4000 K	596 x 596	4,5
Quantum LED Premium PT 50 W 600x600 4000 K	98016	54 W	4870 lm	4000 K	596 x 596	4,5
Quantum LED Premium PT 40 W 1200x300 4000 K	98015	42 W	4420 lm	4000 K	1196 x 296	4,6
Quantum LED Premium PT 50 W 1200x300 4000 K	98014	58 W	5620 lm	4000 K	1196 x 296	4,6
Quantum LED Premium NT 15 W 300x300 4000 K	97941	18 W	1180 lm	4000 K	300 x 300	3,5
Quantum LED Premium NT 40 W 600x600 4000 K	97940	42 W	3600 lm	4000 K	596 x 596	4,0
Quantum LED Premium NT 50 W 600x600 4000 K	97939	54 W	4870 lm	4000 K	596 x 596	4,0
Quantum LED Premium NT 40 W 1200x300 4000 K	97938	42 W	4420 lm	4000 K	1196 x 296	4,6
Quantum LED Premium NT 50 W 1200x300 4000 K	97937	58 W	5620 lm	4000 K	1196 x 296	4,6

* PPT - model for recessed installations, NT - model for surface installations
 ** Other colour temperatures on request

QUANTUM LED ECO

Model	Catalogue number	Power	Luminous flux	Colour temperature	Basic dimensions (mm)	Weight (kg)
Quantum LED ECO 18W 300x300 4000K	97579	18 W	1280 lm	4000 K	300 x 300	1,0
Quantum LED ECO 40W 600x600 4000 K	98019	46 W	3455 lm	4000 K	596 x 596	4,5
Quantum LED ECO 40W 1200x300 4000 K	98018	46 W	3970 lm	4000 K	1195 x 295	4,6
Quantum ECO 300x300 Ceiling frame White	97578	-	-	-	-	-
Quantum ECO 600x600 Ceiling frame White	97945	-	-	-	-	-
Quantum ECO 1200x300 Ceiling frame White	97944	-	-	-	-	-



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Email: L.E.D.lighttechltd@gmail.com

Phone: 00 353 (0)45 529020