

NET LED LIGHTING



reducing energy costs & protecting the environment

CATALOGUE 2011

V 10.0

reducing energy costs & protecting the environment

Contents

Company Introduction	Page	3
LED Tubes Overview	Page	4-5
T5	Page	6-7
T8	Page	8-9
T10	Page	10-11
Battens & Fittings	Page	12-13
Panel Lights	Page	14—15
Tube Accreditation	Page	16
LED Lamps Overview	Page	17
GU10	Page	18-19
MR16	Page	18-19
GL-ES	Page	18-19
PAR 30/38	Page	18-19
2D Lights	Page	20-21
Flood Lights	Page	22-23
High Bay Lighting	Page	24-25
Street Lighting	Page	26-27
Lamp Accreditation	Page	28
Terms & Conditions	Page	29

"NET LED Lighting's ethos is to encourage a responsible attitude to environmental protection through the economic use of energy, and to encourage the safe disposal and eventual abolition of fluorescent tubes, halogen, and mercury vapour lamps, which contain toxic substances which should not be released into the environment".



Please call: 01223 851505 or e-mail: sales@netledlighting.co.uk

reducing energy costs & protecting the environment

Introduction to NET LED Lighting

NET Technology Limited (NET) specifies, manufactures and distributes a range of LED (light emitting diode) lighting solutions.

Trading as NET LED Lighting™, the company specialises in high quality, cost effective and eco-friendly, low energy LED products. These replace fluorescent tubes, incandescent, halogen, halide and mercury vapour lamps used in commerce and industry, private and public sector organisations, and domestic markets. The broad range of NET LED Tubes™, NET LED Lamps™, NET LED Flood Lights™, and NET LED Street Lighting™ are featured in this catalogue. Custom LED lighting can also be made for OEM applications, and we have sourced a range of standard fittings pre-wired for NET LED Tubes from major fitting manufacturers.

We supply nationally direct to end users and OEMs, as well as through national distributors and wholesalers, independents, facilities management companies, and electrical contractors.

All our products use only the latest solid-state, surface mount LEDs. The company directors have over 20 years experience working within the energy saving market selling environmentally-friendly products to both the commercial and domestic sectors. They also have over 15 years knowledge and experience in LED digital signage; this understanding of SMD LED technologies and market requirements ensures that we only supply products that meet our customers' stringent quality and performance demands.

NET LED Lighting products meet CE & RoHS standards and are manufactured under ISO/TUV accreditation. This means that we have direct lines of traceability for our products ensuring quality assurance standards are met. They are covered by a three year return to factory repair or replacement warranty, regardless of how many hours used or times the tube/lamp may have been switched on or off during this 36 month period.

The advantages of NET LED Lighting over traditional methods of lighting are numerous. They use significantly less power consumption to provide the equivalent amount of light output. Savings can be as high as 80% and are typically 65% for fluorescent tube replacements, saving money for the user and carbon dioxide emissions for our planet.

Another significant saving is in maintenance and replacement costs. NET LED Lamps have a life expectancy of over 35,000 hours and NET LED Tubes of over 50,000 hours, which is three times longer than traditional lighting technology. Another important benefit of NET LED Lighting is that no ultra violet (UV) light is produced.



Tubes



Lamps



High Bay



Flood Lights



Street Lighting

reducing energy costs & protecting the environment

Introduction to NET LED Tubes

A NET LED Tube is a direct replacement for a T5/T8/T10 or T12 fluorescent tube. It uses solid state LED technology and is available as standard in a pure white colour temperature.

A NET LED Tube typically reduces your electricity running costs by 65% when compared to a standard fluorescent tube, with no loss of light. It lasts over 3 times longer so additional savings are achieved in capital, labour and administration costs normally associated with regularly having to replace tubes, starters and ballasts all of which are eliminated through the installation of NET LED Tubes.

Another important benefit of NET LED Lighting is that no ultra violet (UV) light is produced. UV light is not only potentially hazardous to people, but it damages materials, fading colours in fabrics and artwork.

NET LED Tubes contain no glass, no phosphor, no mercury, and no lead, all typically found in fluorescent tubes, so they can be more easily and safely recycled with all the associate cost and environmental savings achieved. With their life expectancy of over three times that of fluorescents, NET LED Tubes result in considerably less waste products and they are WEEE directive compliant.



Before the development of LED technology there were simply no other choices. Now, everyone can reduce energy costs and protect the environment.

Main Benefits of NET LED Lighting include:

- ✦ Reduced electricity consumption (NET LED Tubes typically 65%)
- ✦ Longer lasting (NET LED Tubes typically 3 times longer than fluorescents)
- ✦ Financial savings in labour maintenance replacement
- ✦ Less waste products and WEEE directive compliant
- ✦ No flicker or hum
- ✦ Reduces carbon footprint
- ✦ Reduced heat output
- ✦ Qualifies for Government First Year Capital Allowance Scheme
- ✦ Carbon Trust Funding available for qualifying SME's
- ✦ Meets CE & RoHS standards and manufactured under ISO accreditation
- ✦ No toxic chemicals (fluorescent tubes contain phosphor, mercury and lead)
- ✦ No UV light – saves human health and material damage: shops, museums, galleries etc
- ✦ Carries three year warranty



reducing energy costs & protecting the environment

Key Features of a NET LED Tube

SMD LEDs



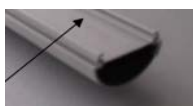
All NET LED Tubes are manufactured using the latest in Surface Mount LED technology. We typically use SMD 3528 and SMD 5060 style white LEDs driven at between 16 & 18 mA.

Internal DC Drivers



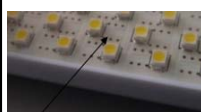
We have developed a constant current DC driver which has the benefit of extended life, less heat generation, less leakage voltage and significantly reduced RFI which is typical of other tubes on the market using AC drivers.

Aluminium back and polycarbonate front



The use of aluminium backs and substrate of the aluminium PCB ensures excellent even heat dissipation within the tube and also prevents the tube from sagging in a fitting or being damaged when handled.

Perforated PCB



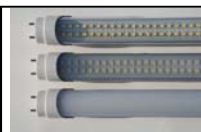
Our patent pending design of a perforated PCB substrate ensures improved air flow around the LED devices thus further enhancing the overall life of the product.

Rotating end cap



In order to overcome the issue that exists with light fittings that have the pin connections rotated by 90 degrees we have developed this special end cap which allows you to rotate the pins of the tube, thus ensuring the direction of the light output from the tube is always in the desired plane.

3 Styles



To meet the demands of various applications a NET LED Tube can be supplied in either T5, T8 or T10 bodies with the standard clear screens or ordered with striated (sometimes used within signage backlighting) or frosted if you wish to maintain the appearance of a traditional fluorescent.

Ballasts or Starters



A NET LED tube does not require any external control gear. By removing the starter and bypassing the ballast additional energy savings of 4 – 12W are achievable depending on the type of ballast removed.

Heat Reduction



The affect of all the above features typically results in 40% less heat emission from a NET LED Tube than a conventional fluorescent tube thus extending the life of the product and reducing climate control costs when installed in office environments.

3 Year Warranty



All NET LED Tubes are covered by a 3 year return to factory repair or replacement warranty, regardless of how many hours or times the tube may have been switched on or off during this 36 month period.

reducing energy costs & protecting the environment

NET LED Lighting™ T5 Tube

T5 NET LED Tubes are designed to replace existing fluorescent tubes, and are available in either Warm White, Cool White, or Pure White which is the more common version found in offices, retail and manufacturing environments.

T5-24V DC constant current Small tubes (15mm diameter) with G5 fitting; 5mm between pins.

(Please note all NET LED T5 style tubes require the existing starter and ballasts to be removed and replaced with a 24V DC constant current power supply)



NET LED Part Reference	Size	Power Watts	Flux LM
NET 300/3/15/T5-PW	300mm (1ft)	3W	500
NET 600/7/15/T5-PW	600mm (2ft)	7W	750
NET 900/10/15/T5-PW	900mm (3ft)	10W	1100
NET 1200/14/15/T5-PW	1200mm (4ft)	14W	1400
*NET T5 24VDC Driver	151 x 30 x 41	30W	N/A



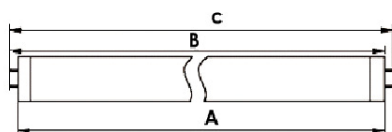
Cost of ownership: Fluorescent vs NET LED Tubes		Fluorescent Tube 18W (3ft) T5	NET LED Tube 10W (3ft) T5
Prices	Tube	£3.00	*£25.45
	Ballast	£6.00	£0.00
	Starter	£0.60	£0.00
Number of replacements	Tube	3	1
	Ballast	1	0
	Starter	3	0
Material costs		£16.80	£25.45
Labour costs to replace tube (£30 per tube)	£30	£90.00	£30.00
Total cost of ownership		£106.80	£55.45
Tube Power Consumption		18	10
Ballast Power Consumption		4	0
Total Power Consumption (W)		22	10
Life Expectancy (Hours)		15-20,000	50,000
Total Power Consumption 50,000 hrs (kWh)	50,000	1100	500
Total Electricity Running Costs (10.0 p/kWh)	10	£110.00	£50.00
Total Cost of Ownership/Running Costs, based on 50,000 hrs @ 10.0 p/kWh		£216.80	£105.45
LED Tube Saves			£111.35



Against the purchase cost of £25.45, the NET LED Tube saves £111.35 during its lifetime, paying for itself 4.4 times over.

* Based on 50+ pricing and an element of the Driver costs

Please call: 01223 851505 or e-mail: sales@netledlighting.co.uk



T5 NET LED Tube specifications

Part Number	NET 300/3/15/T5-PW	NET 600/7/15/T5	NET 900/10/15/T5	NET 1200/14/15/T5
Description	300mm (1ft) 3W T5 NET LED Tube	600mm (2ft) 7W T5 NET LED Tube	900mm (3ft) 10W T5 NET LED Tube	1200mm (4ft) 14W T5 NET LED Tube
Power Supply	24V DC (also available in 12V DC)			
PSU Efficiency	≥ 80%			
Power Factor	≥ 0.90			
LED Type	SMD 3528			
Dimmable	No			
Number of LEDs	54	108	162	216
Power	3 Watts	7 Watts	10 Watts	14 Watts
Lumens Output				
Frosted	300	550	900	1200
Striated	400	650	1000	1300
Clear	500	750	1100	1400
Height M	1.5 2.5 3.0	1.5 2.5 3.0	1.5 2.5 3.0	1.5 2.5 3.0
Frosted (lux)	28 15 12	49 25 20	76 40 33	101 53 44
Striated (lux)	37 18 14	65 33 26	103 52 41	136 69 54
Clear (lux)	41 20 16	73 36 29	117 56 47	155 75 63
Efficacy	130 lm/W	Typically 100lm/W		
Beam Angle	120 Degrees			
Colour Temperature				
Warm White	3000-4000K			
Pure White	4500-5500K			
Cool White	>6000K			
Colour Rendering	≥ 78 Ra			
LED Life Expectancy	100,000 hours			
Operating Temperature	-20 to + 50 Degrees			
Dimensions +/- 2mm	A 288mm B 295mm C 303mm	548mm 556mm 562mm	849mm 856mm 862mm	1148mm 1156mm 1162mm
Efficacy	133 lm/W	93 lm/W	100 lm/W	93 lm/W
Weight per Tube	90g	160g	2400g	320g
Quantity per box	25			
Tube Diameter	15mm - 16mm			
Housing	Polycarbonate/Aluminium			
End Cap Style	G5			
Warranty	36 Months			
Certification	CE / FCC / RoHS/ TUV			

reducing energy costs & protecting the environment

NET LED Lighting™ T8 Tube

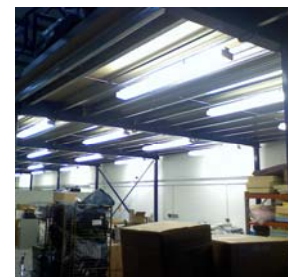
T8 NET LED Tubes are designed to replace existing fluorescent tubes, and are available in Warm, Cool, or Pure White which is the more common version found in offices, retail and manufacturing environments.

T8—230V AC Medium size tubes (26mm diameter) with G13 fitting; 13mm between pins.

NET LED Part Reference	Size	Power Watts	Flux LM
NET 600/8/26/T8-PW	600mm (2ft)	8W	900
NET 900/11/26/T8-PW	900mm (3ft)	11W	1250
NET 1200/15/26/T8-PW	1200mm (4ft)	15W	1800
NET 1200/20/26/T8-PW-EB	1200mm (4ft)	20W	2200
NET 1500/18/26/T8-PW	1500mm (5ft)	18W	2000
NET 1500/22/26/T8-PW-EB	1500mm (5ft)	22W	2400
NET 1800/30/26/T8-PW	1800mm (6ft)	30W	2900



Cost of ownership: Fluorescent vs NET LED Tubes		Fluorescent Tube 36W (4ft) T8	NET LED Tube 15W (4ft) T8
Prices	Tube	£3.50	*£40.58
	Ballast	£6.00	£0.00
	Starter	£0.60	£0.00
Number of replacements	Tube	3	1
	Ballast	1	0
	Starter	3	0
Material costs		£18.30	£40.58
Labour costs to replace tube (£30 per tube)	£30	£90.00	£30.00
Total cost of ownership		£108.30	£70.58
Tube Power Consumption		36	15
Ballast Power Consumption		8	0
Total Power Consumption (W)		44	15
Life Expectancy (Hours)		15-20,000	50,000
Total Power Consumption 50,000 hrs (kWh)	50,000	2200	750
Total Electricity Running Costs (10.0 plkWh)	10	£220.00	£75.00
Total Cost of Ownership/Running Costs, based on 50,000 hrs @ 10.0 p/kWh		£328.30	£145.58
LED Tube Saves			£182.72

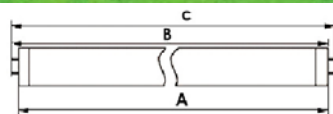


Against the purchase cost of £40.58, the NET LED Tube saves £182.72 during its lifetime, paying for itself 4.5 times over.

* Based on 50+ pricing

Please call: 01223 851505 or e-mail: sales@netledlighting.co.uk

reducing energy costs & protecting the environment



NET LED Lighting™ T8 Tube Specifications

Part Number	NET 600/8/26/T8	NET 900/11/26/T8	NET 1200/15/26/T8	NET 1200/20/26/T8	NET 1500/18/26/T8	NET/1500/22/26/T8	NET/1800/30/26/T8
Description	600mm (2ft) 8W T8 NET LED Tube	900mm (3ft) 11W T8 NET LED Tube	1200mm (4ft) 15W T8 NET LED Tube	1200mm (4ft) 20W T8 NET LED Tube *Extra Bright Version	1500mm (5ft) 18W T8 NET LED Tube	1500mm (5ft) 22W T8 NET LED Tube *Extra Bright Version	1800mm (6ft) 30W T8 NET LED Tube
Power	8 Watts	11 Watts	15 Watts	20 Watts	18 Watts	22 Watts	30 Watts
Number of LEDs	120	192	264	360	300	408	462
LED Type	SMD 3528						
LED Voltage	36-40V DC						
LED Current	16-18mA						
Beam Angle	170 Degrees						
Dimmable	No						
Voltage Rating	90-277V AC or DC						
PSU Efficiency	≥ 90%						
Power Factor	≥ 0.95						
Lumens Output							
Frosted	700	1050	1600	2000	1750	2150	2700
Striated	800	1150	1700	2100	1850	2250	2800
Clear	900	1250	1850	2200	2000	2400	2900
Height M	1.5 2.5 3.0	1.5 2.5 3.0	1.5 2.5 3.0	1.5 2.5 3.0	1.5 2.5 3.0	1.5 2.5 3.0	1.5 2.5 3.0
Frosted (lux)	89 47 38	129 68 55	165 88 75	216 115 97	195 108 91	230 122 105	300 160 140
Striated (lux)	110 59 47	159 86 68	203 109 95	265 144 129	245 133 118	290 146 137	360 200 170
Clear (lux)	119 63 50	172 91 72	236 118 98	291 156 132	278 145 142	296 159 150	420 215 179
Efficacy	Typically 110 lm/W						
Colour Temperature							
Warm White	3000-4000K						
Pure White	4500-5500K						
Cool White	>6000K						
Colour Rendering	≥ 70 Ra						
LED Life Expectancy	100,000 hours						
Operating Temperature	-30 to +50 Degrees						
Dimensions +/- 2mm	A 590mm B 597mm C 604mm	890mm 897mm 904mm	1200mm 1207mm 1241mm	1200mm 1207mm 1241mm	1500mm 1510mm 1514mm	1500mm 1510mm 1514mm	1760mm 1767mm 1774mm
Weight per Tube	165g	280g	340g	350g	400g	410g	480g
Quantity per box	30			25			
Housing	Polycarbonate/Aluminium						
End Cap Style	G13						
Tube Diameter	26mm (28mm max)						
Warranty	36 Months						
Certification	CE /FCC / RoHS /TUV						

reducing energy costs & protecting the environment

NET LED Lighting™ T10 Tube

T10 NET LED Tubes are designed to replace existing T10/T12 fluorescent tubes, and are available in Warm, Cool, or Pure White which is the more common version found in offices, retail and manufacturing environments.

T10—230V AC Large size tubes (30mm diameter) with G13 fitting; 13mm between pins.



NET LED Part Reference	Size	Power Watts	Flux LM
NET 600/10/30/T10-PW	600mm (2ft)	10W	1150
NET 900/11/30/T10-PW	900mm (3ft)	11W	1250
NET 1200/15/30/T10-PW	1200mm (4ft)	15W	1850
NET 1200/20/30/T10-PW-EB	1200mm (4ft)	20W	2200
NET 1500/18/30/T10-PW	1500mm (5ft)	18W	2000
NET 1500/22/30/T10-PW-EB	1500mm (5ft)	22W	2400
NET 1800/30/30/T10-PW	1800mm (6ft)	30W	2900
NET 2400/32/30/T10-PW	2400mm (8ft)	32W	3400



Cost of ownership: Fluorescent vs NET LED Tubes		Fluorescent Tube 70W (6ft) T10	NET LED Tube 30W (6ft) T10
Prices	Tube	£4.50	*£68.64
	Ballast	£6.00	£0.00
	Starter	£0.60	£0.00
Number of replacements	Tube	3	1
	Ballast	1	0
	Starter	3	0
Material costs		£21.30	£68.64
Labour costs to replace tube (£30 per tube)	£30	£90.00	£30.00
Total cost of ownership		£111.30	£98.64
Tube Power Consumption		70	30
Ballast Power Consumption		10	0
Total Power Consumption (W)		80	30
Life Expectancy (Hours)		15-20,000	50,000
-			
Total Power Consumption 50,000 hrs (kWh)	50,000	4000	1500
Total Electricity Running Costs (10.0 plkWh)	10	£400.00	£150.00
Total Cost of Ownership/Running Costs, based on 50,000 hrs @ 10.0 p/kWh		£490.00	£248.64
LED Tube Saves		£241.36	

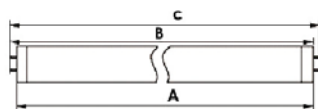


Against the purchase cost of £68.64, the NET LED Tube saves £241.36 during its lifetime, paying for itself 3.5 times over.

* Based on 50+ pricing

Please call: 01223 851505 or e-mail: sales@netledlighting.co.uk

reducing energy costs & protecting the environment



T10 NET LED Lighting™ Tube specifications

Part Number NET	600/10/30/T10	900/11/30/T10	1200/15/30/T10	1200/20/30/T10	1500/18/30/T10	1500/22/30/T10	1800/30/30/T10	2400/32/30/T10																
Description *Extra Bright Version	600mm (2ft) 10W T10 Tube	900mm (3ft) 11W T10 Tube	1200mm (4ft) 15W T10 Tube	*1200mm (4ft) 20W T10 Tube	1500mm (5ft) 18W T10 Tube	*1500mm (5ft) 22W T10 Tube	1800mm (6ft) 30W T10 Tube	2400mm (8ft) 32W T10 Tube																
Power	10 Watts	11 Watts	15 Watts	20 Watts	18 Watts	22 Watts	30 Watts	32 Watts																
Number of LEDs	168	192	264	360	300	408	462	528																
LED Type	SMD 3528																							
LED Voltage	36-40V DC																							
LED Current	16mA																							
Beam Angle	120 Degrees																							
Dimmable	No																							
Voltage Rating	90-277V AC																							
PSU Efficiency	≥ 90%																							
Power Factor	≥ 0.95																							
Lumens Output																								
Frosted	950	1050	1600	2000	1750	2150	2700	3000																
Striated	1050	1150	1700	2100	1850	2250	2800	3200																
Clear	1150	1250	1850	2200	2000	2400	2900	3400																
Height M	1.5	2.5	3.0	1.5	2.5	3.0	1.5	2.5	3.0	1.5	2.5	3.0	1.5	2.5	3.0	1.5	2.5	3.0	1.5	2.5	3.0	1.5	2.5	3.0
Frosted (lux)	105	56	43	129	68	55	155	78	67	203	102	87	181	93	80	192	99	85	270	145	124	303	162	138
Striated (lux)	132	63	52	159	86	68	191	87	76	249	120	103	223	110	94	237	117	100	331	180	140	368	200	175
Clear (lux)	150	67	56	172	91	72	207	96	81	280	130	110	251	118	98	267	125	104	396	195	163	441	217	182
Efficacy	Typically 110 lm/W																							
Colour Temp																								
Warm White	3000-4000K																							
Pure White	4500-5500K																							
Cool White	>6000K																							
Colour Rendering	≥ 70 Ra																							
LED Life Expectancy	100,000 hours																							
Operating Temp	-30 to +50 Degrees																							
Dimensions +/-2mm																								
A	590mm	890mm	1200mm	1200mm	1500mm	1500mm	1760mm	2368mm																
B	597mm	897mm	1207mm	1207mm	1510mm	1510mm	1767mm	2378mm																
C	604mm	904mm	1241mm	1241mm	1514mm	1514mm	1774mm	2383mm																
Weight per Tube	175g	300g	350g	360g	400g	410g	490g	780g																
Quantity per box	30				25																			
Housing	Polycarbonate/Aluminium																							
End Cap Style	G13																							
Tube Diameter	30mm																							
Warranty	36 Months																							
Certification	CE /RoHS/TUV																							

reducing energy costs & protecting the environment

1W Mini LED Self Testing Emergency Downlight

The Mini LED fitting provides substantial energy savings compared to a conventional 8 watt emergency light. The fact that the LED will last the equivalent of 12 x 8W tube lifetimes means that considerable maintenance savings are made over the lifetime of the fitting



SPECIFICATION

- LED life better than 50,000 RUNNING HOURS
- Auto monthly & annual self test function to the requirements of BS5266
- The Mini LED Light utilises 1 x 1watt Led
- Simple 'plug & go' installation
- Unobtrusive design
- Designed to fit through a 50-55mm hole
- Maintained or non maintained operation (selectable by wiring input)
- Incorporates 4.8v 2Ah NiMh battery
- Battery conditioning cycle to ensure maximum battery life
- Battery maintained for in excess of three hours

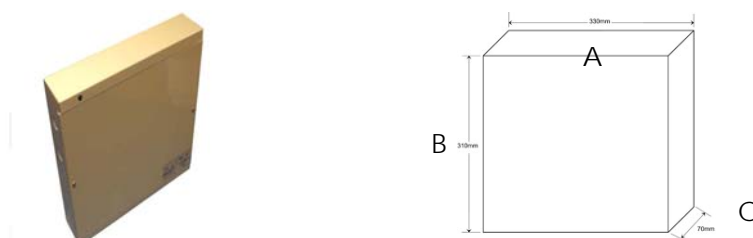
Part	Description	Mounting Dimensions
NET 1WMINIEL	1W Mini LED Emergency Downlight	Aperture required is 50 - 55mm

Emergency lighting Packs for T8/T10 NET LED Tubes

NE Technology has sourced a range of Battens and Trims and Emergency Lighting Packs from one of the UK's largest manufacturers of lighting products. These products are supplied without any control gear and are pre-wired for use with NET LED Tubes.

Emergency Lighting Pack

The remote Emergency LED Lighting Pack is designed to maintain NET LED Tubes at full brightness for not less than 3 hours - based on maximum continuous load 22 Watts.



Part	Description	A mm	B mm	C mm
NET 30 VA/REL Pack	240V, 30VA Remote emergency LED Lighting Pack	330	310	70

reducing energy costs & protecting the environment

Battens and Fixings



TL Battens



TRM Recessed Fitting

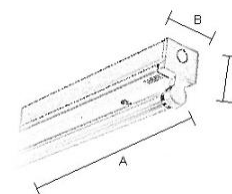


Eurosurf Surface Modules

TL Battens

This range of products is manufactured from high quality steel and finished in a white epoxy powder coat. TL Battens incorporate modern twist-type safety lamp holders and are supplied complete with BESA box entries.

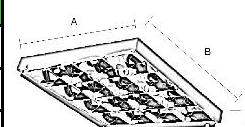
Part	Description	A mm	B mm	C mm
NET TL/36/NG	4ft Single - accepts 1 x 1200 T8 or T10 LED Tubes	1228	62	104
NET TL/236/NG	4ft Twin - accepts 2 x 1200 T8 or T10 LED Tubes	1228	87	104
NET TL/58/NG	5ft Single - accepts 1 x 1500 T8 or T10 LED Tubes	1526	62	104
NET TL/258/NG	5ft Twin - accepts 2 x 1500 T8 or T10 LED Tubes	1526	87	104
NET TL/70/NG	6ft Single - accepts 1 x 1800 T10 LED Tube	1791	62	104
NET TL/270/NG	6ft Twin - accepts 2 x 1800 T10 LED Tubes	1791	87	104



TREM Recessed Fittings

This versatile range of recessed modules is manufactured from high quality steel with high reflectance white epoxy powder coat finish. TRM Recessed Fittings are suitable for all 15mm or 25mm exposed T-bar ceilings.

Part	Description	A mm	B mm	C mm
NET TL 66418/NG	2ft module—accepts 4 x 600 T8 or T10 LED Tubes	625	595	75
NET TNG664E	600x 600 4 lamp VDT Cat 2 Louver			
NET ALB664E	600 x 600 4 lamp low brightness Louver			
NET FPP66E	600x 600 Clear Diffuser			

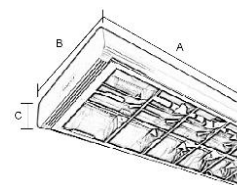


The above fitting is available with a choice of louver / diffuser options included.

Eurosurf Surface Modules

This is a general purpose Cat 2 range of linear surface modules. They have white steel bodies, aluminium VDT louvers, low profile appearance and are available in a range of lengths.

Part No	Description	A mm	B mm	C mm
NET SPECTLSF136/C2/NG	4ft Single-accepts 1 x 1200 T8 or T10 LED Tube	1225	210	67
NET SPECTLSF236/C2/NG	4ft Twin-accepts 2 x 1200 T8 or T10 LED Tubes	1225	210	67
NET SPECTLSF158/C2/NG	5ft Single-accepts 1 x 1500 T8 or T10 LED Tube	1555	210	67
NET SPECTLSF258/C2/NG	5ft Twin-accepts 2 x 1500 T8 or T10 LED Tubes	1555	210	67



reducing energy costs & protecting the environment

NET LED Panel Lights

NET LED Panel lighting products are enclosed in a robust IP40 rated enclosure manufactured from Aluminium Alloy and fitted with Polycarbonate covers. The lamps are supplied as standard in Cool White, (Pure White manufactured to order).

NET LED Panel Lights are dimmable via a hand held IR remote control, a group of Panel Lights can be simultaneously dimmed by a single remote control.



NET Part Reference	Size (L x W x D)	Lumen	Watts
NET 600/PNL- square	600mm x 600mm x 38mm	3982	54



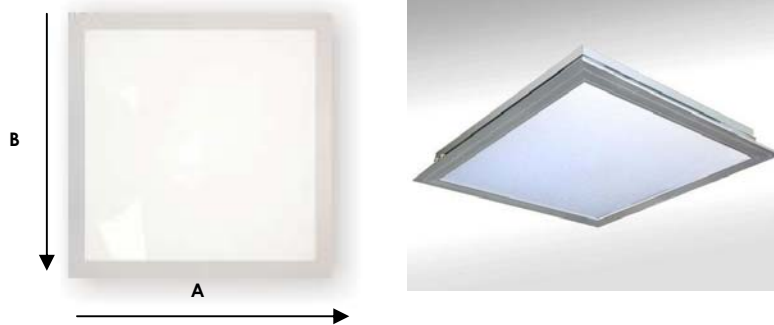
Key Characteristics:

1. High percentage energy saving using environmentally friendly technology
2. Long maintenance free life time (>50,000 hrs)
3. High quality manufacture using market leading 3528 SMD LEDs
4. Can be retrofitted into existing apertures
5. Low voltage DC operated
6. No Mercury or UV

Please call: 01223 851505 or e-mail: sales@netledlighting.co.uk

reducing energy costs & protecting the environment

NET LED Panel Light specifications



Part Number	NET 600/PNL- square	
Description	54W LED Panel Light—square	
Power	54W	
Luminous Flux	3928	
Power Supply	100-240V AC	
Efficiency	≥ 80%	
Power Factor	>0.90	
LED Type	3528 –SMD	
Beam Angle	110 degrees	
LED Efficacy (PW)	75 lm/W	
Number of LEDs	900	
Dimmable	Yes	
Lux at 3M	160	
Colour Temperature		
	Pure White	4200K
	Cool White	6000K
Colour Rendering	≥ 75Ra	
LED Life Expectancy	>50,000 hours	
Operating Temp	-30 to +40 degrees	
Dimensions	A B C	600mm (L) 600mm (W) 38mm (D)
Weight	4.6kg	
Housing	Aluminium/Polycarbonate	
Warranty	36 months	
Certification	CE/RoHS	

reducing energy costs & protecting the environment

Accreditation and Tube Technical notes

Quality



All NET LED Tubes are designed, manufactured, tested and certified to meet current legislation in Europe including CE and RoHS requirements.



TUV

NET LED Tubes have been accredited by TUV to the following standards:

Certificate AN 50183039 - EN60968

Certificate AN 50183133 - EN61547/EN6100/EN55015

Effective Lumens

When comparing specifications between fluorescent and LED tubes it is important to understand that the quoted lumens can be very misleading. This is due to the fact that a fluorescent tube radiates lights through 360 degrees whilst an LED tube is directional at 120 degrees.

In the case of a fluorescent tube, a large proportion of the light output is lost, even with the aid of chrome reflectors and it is estimated that only 65% of the available light is actually utilised. Whereas with an LED tube the efficiency is approximately 95% as the light output is directional. So when comparing lumens it is important to recognise that an equivalent LED tube only needs a specification for lumens equal to approximately 70% of that quoted for a fluorescent tube.

Disposal (WEEE) - Commercial Sales

The Waste Electrical and Electronic Equipment directive applies to all the products sold by N E Technology Limited. It is a requirement of the directive that all such items are disposed of in a responsible manner. For commercial sales in the UK this means they should be taken to a Designated Collection Facility from where they will be recycled.

N E Technology are registered with the Environment Agency as an EEE Producer. Details of our registration WEE/JH2054ZS and membership can be seen by visiting www.econo-weee.com

Introduction to NET LED Lamps

NET LED Lamps are designed to be replacements for GU10, MR16, GL-ES and PAR style spotlights. They use solid-state surface mount light emitting diode (LED) technology which saves on electricity running costs, reduces maintenance costs and is more environmentally friendly.



A NET LED Lamp typically **reduces your electricity running costs by 80%** compared to a conventional lamp, with no loss of light. It lasts over five times longer so additional cost savings are made in capital and labour by not having to replace so many lamps.

LED technology produces no UV light, and when the product is disposed of at the end of its life, it is easily recyclable having none of the toxic polluting chemicals that exist in halogen lamps, such as mercury and lead.

NET LED Lamps are currently available in GU10, MR16, GL-ES and PAR formats. Other formats including B22 and E27 are available to special order. Our catalogue offerings are all based on a Cool White colour temperature, we can however provide Neutral White or Warm White variations on request.

NET LED Lamp Benefits:

- Reduces electricity running cost, typically by 80%
- Lasts longer than a conventional halogen lamp
- Financial savings in labour replacement costs
- Reduces your carbon footprint
- Qualifies for the Government Enhanced Capital Allowance Scheme
- Carbon Trust funding available for qualifying SMEs
- Meets CE & RoHS standards and is manufactured under ISO accreditation
- Contains no toxic chemicals
- Carries a 3 year no quibble replacement warranty



reducing energy costs & protecting the environment

GU10, MR16, GL-ES and PAR NET LED Lamps

As the new lighting source for the 21st Century, LED has unparalleled advantages such as energy saving, long lifetime, shock resistant and being environmentally friendly.

NET LED Lamps typically save 80% power compared to traditional halogen lighting, lasting up to 35,000 hours and have no toxic elements which makes them an ideal environmentally friendly lighting solution.



NET LED Part Reference	Size D x H x L in mm	Power Watts	Flux LM
NET GU10/4-CW	50 x 55.5	4	170
NET MR16/3-CW	50 x 52	3	170
NET 5/GL-ES/G23	33 x 18 x 175	5	450
NET 6/GL-ES/G24	33 x 33 x 135	6	540
NET 10/PAR 30	95 x 97	10	500
NET 14/PAR 38	128 x 128	14	760

The above lamps are available in Warm, Pure or Cool White colour temperatures

Example of Life Time Running Costs

Lamp Style	GU10	MR16	GL-ES	PAR 30	PAR 38
Halogen Style Lamp	£96.25	£96.25	£34.65	£288.75	£385.00
NET LED Lamp	£15.40	£11.55	£19.25	£38.50	£53.90
Life Time Savings	£80.85	£84.70	£25.40	£250.25	£331.10

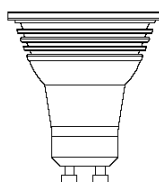
Based on 35,000 hours being the LED lamps life time and a unit cost for electricity of £0.11 per kWh



Please call: 01223 851505 or e-mail: sales@netledlighting.co.uk

reducing energy costs & protecting the environment

NET LED Lamp Specifications



Part Number	NET GU10/4	NET MR16/3	NET 5/GL-ES/G23	NET 6/GL-ES/G24	NET 10/PAR 30	NET 14/PAR 38
Description	4W GU10 NET LED Lamp	3W MR16 NET LED Lamp	5W G23 2 Pin Lamp	6W G24 2Pin Lamp	10W PAR 30 Lamp	14W PAR 38 Lamp
Power Supply	220-240V AC	12V AC/DC	220-240V AC			
Power	4 Watts	3 Watts	5 Watts	6 Watts	10 Watts	14 Watts
Efficiency	≥ 92%					
Power Factor	≥ 0.90					
LED Type	CREE		EVERLIGHT			
Number of LEDs	3		40 SMD	50 SMD	7	9
Operating Current	Constant Current					
Dimmable	No					
Luminous Flux LM	160		350	400	500	760
Beam Angle	25 Degrees		180 Degrees		25 Degrees	
Colour Temperature	2700-3500K					
Warm White	5000-6000K					
Pure White	6000-7000K					
Cool White						
Life Expectancy <i>MTBF</i>	35,000 hours					
Operating Temp	-10 to +40 Degrees					
Housing	Polycarbonate and Aluminium base		Plastic/Glass		Polycarbonate and Aluminium base	
Housing Colour	Aluminium Grey		White		Aluminium Grey	
Warranty	36 Months					
Dimension (Max)						
Height	55.5mm	52mm			95mm	128mm
Diameter	50mm	50mm			97mm	128mm
Length			33 x 18mm 175mm	33 x 33mm 135mm		
Weight per Lamp	60g	49g	62g	57g	176g	326g
Certification	CE/RoHS					

reducing energy costs & protecting the environment

NET LED 2D Lamps

NET LED 2D Lamps are direct replacements for existing 16W and 28W 2D fluorescent lamps and can be supplied in either a round or square format with connectors for 2 and 4 pin style lamps.

These high efficiency Lamps use only 5W/13W and provide an output of 350lm/1100lm and are designed for use in commercial applications where a long life without maintenance is important.



NET Part Reference	Size	Watts	Flux LM
NET 5W/2D/SQR	133 x 133 x 24	5W	350
NET 5W/2D/RND	162 x 24	5W	350
NET 13W/2D/SQR	180 x 180 x 24	13W	1100
NET 13W/2D/RND	224 x 24	13W	1100



reducing energy costs & protecting the environment

NET LED 2D Lamp Specifications



Part Number	NET 5W/2D/SQR	NET 5W/2D/RND	NET 13W/2D/SQR	NET 13W/2D/RND
Description	5W Square 2D LED Lamp	5W Round 2D LED Lamp	13W Square 2D LED Lamp	13W Round 2D LED Lamp
Power Supply	85-260V AC			
Power	5W		13W	
Efficiency	>80%			
Power Factor	>0.9			
LED Type	DIP			
Luminous Flux	350lm		1100lm	
Dimmable	No			
LED Efficacy	100 lm/W			
Beam Angle	120 degrees			
Colour Temperature				
Warm White	2800K			
Pure White	5600K			
Cool White	6400K			
Colour Rendering	>75Ra			
Life Expectancy MTBF	>30000 hrs			
Operating Temp	-20 to +55 degrees			
Housing	PBT/ABS/PC			
Warranty	36 months			
Dimension (Max)	133 x 133 x 24	162 x 24	180 x 180 x 24	224 x 24
Connection	2 Pin Recess		4 Pin Recess	
Weight per Lamp	0.2Kg		0.3Kg	
Certification	CE/RoHS			

reducing energy costs & protecting the environment

NET LED Flood Lights

This new range of LED Flood Lights incorporate the latest in Single Chip high power LED lights source using a single mode multi-chip device supplied by Epistar providing high brightness, excellent thermal conductivity, reduced light decline and purity of light colour with no ghosting.



80W



30/50W



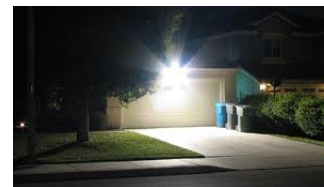
10W

The LED Flood Light incorporates a Tensile anodised reflector with a high quality acrylic screen, the surface of the finished product has an anodic oxidation treatment providing not only a decorative aesthetic appearance (available in Black or Grey) but also resulting in an anticorrosion, water and dust proof IP65 rated energy saving LED Flood Light.

A NET LED Flood Light typically saves 70% energy when compared to its High Pressure Sodium equivalent.



NET Part Reference	Size (L x W x H)	Watts
NET 10/Flood	115 x 86 x 102	10
NET 30/Flood	226 x 187 x 160	30
NET 50/Flood	287 x 235 x 172	50
NET 80/Flood	288 x 358 x 145	80



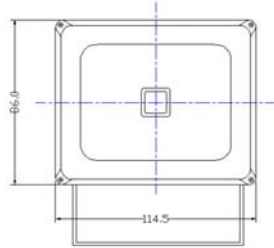
Key Features of a NET LED Flood Light

- 50-70% Energy Saving
- Maintenance Free
- Adjustable bracket for angle of light output
- 50,000+ hours life time
- IP65 Rated for external use
- 80lm /Watt output



reducing energy costs & protecting the environment

NET LED Flood Lights



Part Number		NET 10/Flood	NET 30/Flood	NET 50/Flood	NET 80/Flood
Power		10W	30W	50W	80W
Input Voltage	AC 220V				
Frequency Range	50Hz ~ 60Hz				
Power Factor	> 0.90				
Working Voltage	DC30 ~ 36V				
Epistar Lux LED		1pc	1pc	1pc	1pc
LED Luminous output		1000 Lm ± 5%	3000 Lm ± 5%	4500 Lm ± 5%	7500 Lm ± 5%
LEDs Beam angle	120				85
Colour Temperature	Warm White	2700 - 3500K			
	Cool White	5000 - 6500K			
Colour Rendering Index	Ra > 80				
Average Luminance		10W	30W	50W	80W
	Height 0.5m	453	1212	1888	4750
	Height 1m	113	303	472	1187
	Height 1.5m	51	135	209	527
	Height 2m	28	76	118	296
	Height 3m	13	34	52	131
Luminance Area					
	Height 0.5m	121	121	106	89
	Height 1m	242	242	212	179
	Height 1.5m	363	363	319	269
	Height 2m	484	486	425	358
	Height 3m	729	729	638	538
Light Distribution	Symmetric/Rectangular Beam				
Working Temperature	-20° C ~ +55° C				
IP Grade	IP65				
Net Weight		0.65Kgs	2.5Kgs	3.5Kgs	6.5Kgs
LED Working Life Span	50000H				
(mm) Package Size		115 x 86 x 102	226 x 187 x 160	287 x 235 x 172	288 x 358 x 145
Certification	CE/RoHS				

reducing energy costs & protecting the environment

NET LED High Bay Lighting

NET LED High Bay Lamps are designed to replace existing mercury vapour lamps and high pressure sodium lamps.

These extremely durable aluminium lightweight fixtures are IP44 rated and designed for indoor applications. The Patented integrated thermal management system conducts heat away from the LEDs transferring it to the surrounding environment and ensuring a life time of approx 50,000 hours.



Features:

- High purity aluminium reflector and heat sink with Nano material coating
- Hanging hook
- 2mm Aluminium alloy housing with a Anodic oxidisation finish
- Available with 80 or 120 degree Beam angle housing
- Acrylic glass cover
- High power CREE LED light source

NET Part Reference	Size	Watts	Flux LM
NET 90/HB	319D x 392H	90	5800
NET 120/HB	319D x 392H	120	8000
NET 160/HB	319D x 392H	160	TBA
NET 200/HB	319D x 392H	200	TBA



The above are available as standard in a Cool White colour temperature.

A NET LED High Bay lamp achieves instant brightness without delay or warm up time.

A standard mercury vapour lumen output will reduce to approx 65% of its initial output after only 40% of its lifetime, whereas a NET LED Lamp will reduce far less and still provide approx 70% of its original output after 50,000 hours.



Typical Efficacy

NET LED Lamp	80 lm/W
Mercury Vapour Lamp	44 lm/W
High Pressure Sodium Lamp	65 lm/W



reducing energy costs & protecting the environment

NET LED High Bay Lighting Specifications



Part Number		NET 90W/HB	NET 90W/HB	NET 120W/HB	NET120W/HB
Watts		90W	90W	120W	120W
Beam Angle		80 Degrees	120 Degrees	80 Degrees	120 Degrees
Input Voltage		AC 100V ~240V			
Frequency Range		47Hz ~ 63Hz			
Power Factor		>0.95			
Harmonic Distortion		<15%			
CREE XP-E LED		42pc	41pc	51pc	51pc
LED Luminous Output		6000 Lm ± 5%	5670 Lm ± 5%	8000 Lm ± 5%	7500 Lm ± 5%
Colour Temperature	Warm White	2700 - 3500K ± 10%			
	Natural White	4000 - 5000K ± 10%			
	Cool White	5000 -6300K ± 10%			
Colour Rendering Index		Ra > 75			
illumination/Effective Area	(Height) 3m	N/A	70 Lux 9.5M Circle	N/A	85 Lux 9.5M Circle
	(Height) 4m	N/A	40 Lux 12.5M Circle	N/A	49 Lux 12.5M Circle
	(Height) 5m	56 Lux 8M Circle	25 Lux 16M Circle	61 Lux 8M Circle	30Lux 16M Circle
	(Height) 6m	48 Lux 9.5M Circle	18 Lux 19M Circle	52 Lux 11M Circle	22 Lux 19M Circle
	(Height) 7m	36 Lux 11M Circle	N/A	40 Lux 11M Circle	N/A
	(Height) 8m	23 Lux 12.5M Circle	N/A	29 Lux 12.5M Circle	N/A
Light Distribution		Round Beam			
Working Temperature		- 40°C ~ +50°C 10~90%RH			
IP Grade		IP44			
Net Weight		4.7Kgs			
LED Working life span		>50000H			
Lamp Body Material		Aluminium 6063			
Working Lifetime		>50000H			
Package size D x H mm		319 x 392	498 x 300	319 x 392	498 x 300
Certificates		CE/RoHS			

reducing energy costs & protecting the environment

NET LED Street Lighting

NET LED STREET Lighting is designed to replace existing Mercury Vapour Lamps & High Pressure Sodium Lamps, and is available in Pure, Warm or Cool White versions across a range of sizes.



NET Part Reference	Size	LED Watts
NET 24/STL-E40	269mm	24
NET M30/STL	646mm	30
NET 48/STL	495mm	48
NET 96/STL	620mm	96
NET 144/STL	765mm	144
NET 192/STL	910mm	192

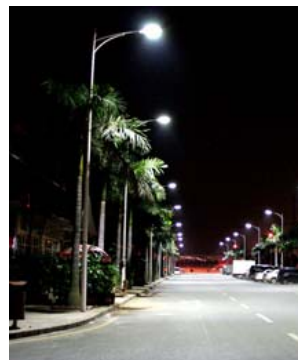
The above are available in Warm, Pure or Cool White colour temperatures.

IES Light data files available upon request



Comparison of NET LED Street Light Vs a High Pressure Sodium Lamp

Model	Lumens (lm)	Wattage (W)	Savings
150W HPS	Typical	150	60% Energy Savings
48W LED	4600 lm	60	
250W HPS	Typical	250	52% Energy Savings
96W LED	9000lm	120	
400W HPS	Typical	400	55% Energy Savings
144W LED	14000lm	180	
500W HPS	Typical	500	52% Energy Savings
192W LED	18000	240	

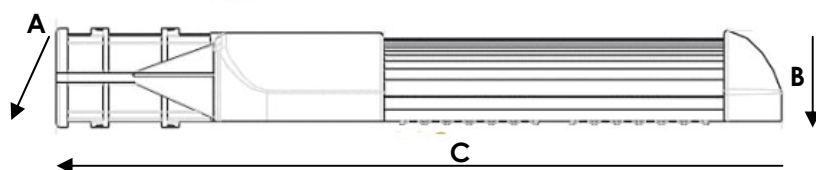


Typical Efficacy

NET LED Lamp

80 lm/W

reducing energy costs & protecting the environment



NET LED Street Lighting Specifications

Part Number	NET 24 STL-CW E40 Base	NET M30 STL-CW	NET 48 STL-CW	NET 96 STL-CW	NET 144 STL-CW	NET 192 STL-CW	
Description	24W LED lamp	30W LED Mini Street lamp	48W LED Street lamp	96W LED Street lamp	144W LED Street lamp	192W LED Street lamp	
Replaces Conventional	70W	70W	150W	250W	400W	600W	
Power Supply	80 - 264 V AC						
Power Factor	≥ 0.90						
LED Type	1W High Power CREE Q4/Q5 Chip						
Operating Voltage	DC Constant Current						
Dimmable	No						
Beam Angle	Horizontal 120 Degree / Vertical 60 Degree						
Efficacy (PW)	70/80 lm/W						
Lamp Efficiency	≥ 90%						
Total Power	30 Watts	36 Watts	60 Watts	120 Watts	180 Watts	240 Watts	
Number of LEDs	24	30	48	96	144	192	
Luminous Flux lm	2100	2400	4600	9000	14000	18000	
CENTRAL ILLUMINATION / COVERAGE AREA							
Lux at 6M	>15 lux 26m x 8m	>18 lux 26m x 8m	>34 lux 20m x 8m	>56 lux 20m x 8m	>82 lux 20m x 8m	N/A	
Lux at 8M	>11 lux 26m x 10m	>12 lux 26m x 10m	>22 lux 26m x 10m	>32 lux 26m x 10m	>46 lux 26m x 10m	>60 lux 26m x 10m	
Lux at 10M	>6 lux 33m x 13m	>9 lux 33m x 13m	>15 lux 33m x 13m	>21 lux 33m x 13m	>30 lux 33m x 13m	>36 lux 33m x 13m	
Lux at 12M	N/A	N/A	>7 lux 40m x 16m	>14 lux 40m x 16m	>24 lux 40m x 16m	>25 lux 40m x 16m	
Colour Temp							
Warm White	2600-3700K						
Pure White	3700-5000K						
Cool White	5000-7000K						
Colour Rendering	≥ 75 ra						
LED Life Expectancy	>50,000 hours						
Working Humidity	10% - 90% RH						
Operating Temperature	-40 to +80 Degrees C						
Dimensions	A B C	80mm 110mm 269mm	87mm 242mm 646mm	86mm 315mm 495mm	86mm 315mm 620mm	86mm 315mm 765mm	86mm 315mm 910mm
Weight per Fitting	1kg	6.6kg	6.9kg	9.5kg	12.2kg	14.2kg	
Diameter of Pole Mount	E40	60mm					
Housing	Aluminium Alloy & Polycarbonate Shade						
Ingress Protection	IP55	IP65					
Warranty	36 Months						
Certification	CE/RoHS						

reducing energy costs & protecting the environment

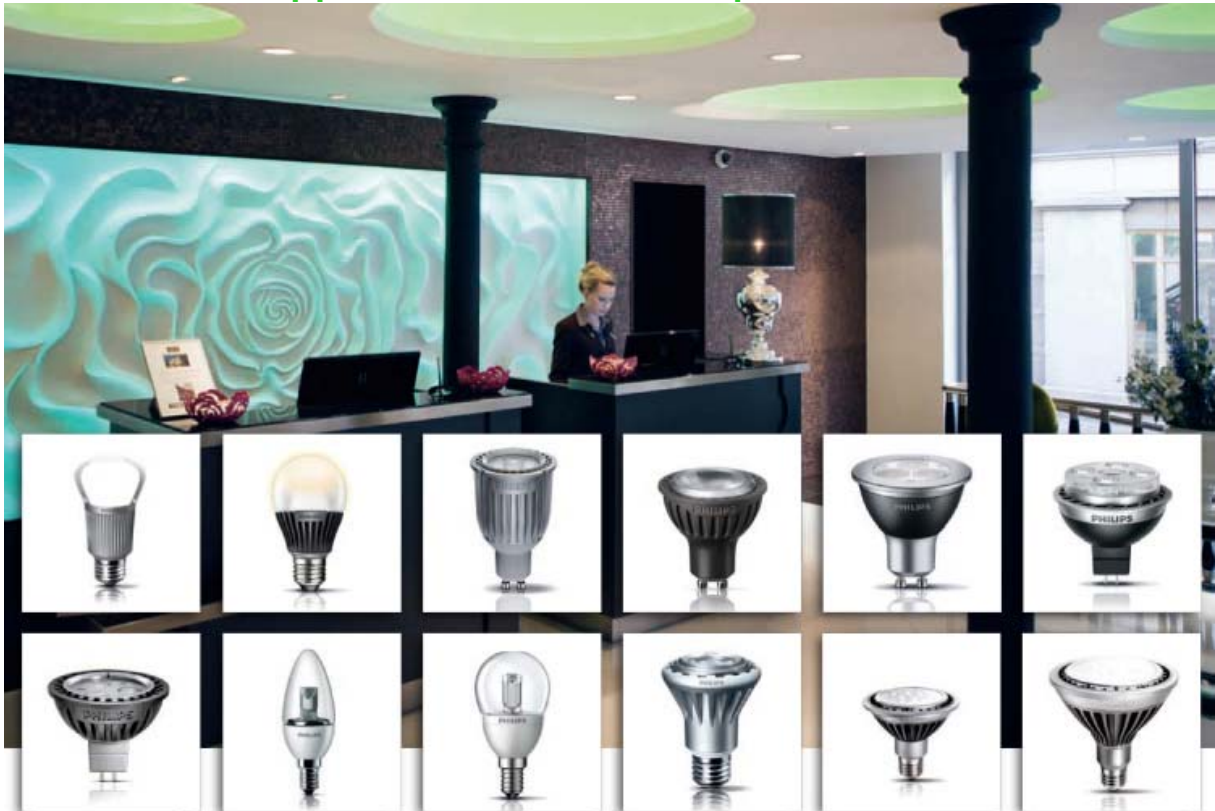
Accreditation and Lamp Technical notes

Quality

All NET LED Lamps are designed & manufactured within ISO accredited facilities. They are tested and certified to meet current legislation in Europe including CE and RoHS requirements.



Approved Reseller for Philips Master LED Tubes and Lamps



MASTER LED tube

PHILIPS
sense and simplicity

Please call: 01223 851505 or e-mail: sales@netledlighting.co.uk

reducing energy costs & protecting the environment

Terms & Conditions of Sale

1. Definitions

In these conditions 'the Company' means N E technology Limited and 'the Customer' means the person or company to whom this document is addressed.

2. Conditions

These conditions shall form the basis of a contract between the Company and the Customer. Notwithstanding anything to the contrary in the Customer's standard conditions of purchase expressly agreed in writing. No servant or agent of the Company has the power to vary these conditions orally or to make representations or promises about the conditions of the goods, their fitness for any purpose or any other matter whatsoever.

3. Quotations, Orders and Acceptance

Unless otherwise expressly stated in writing, all quotations and estimates by the Company remain valid for 30 days from their date. Quotations are subject to withdrawal at any time before receipt of an unqualified order. The Customer's order is an offer and will become binding upon the company posting its confirmation of acceptance of the order. A confirmed order may only be cancelled or varied with the Company's consent; the giving of which shall not in any way prejudice the Company's right to recover from the Customer full compensation for any loss arising from such cancellation or variation.

4. Delivery

All delivery dates are estimates only and time of delivery shall not be of the essence of the contract.

Under no circumstances shall the Company be liable to compensate the Customer in damages or otherwise for non delivery or late delivery of the goods in whole or in part for whatever reason or for any consequential loss or otherwise arising there from.

The lead time to delivery, includes the time required to process the order, make the goods where necessary and pack ready for despatch and will commence only upon receipt of all the information needed by the Company including official order, deposit payments, product specification, relevant documents, artworks and customer drawings.

Should an earlier delivery be required necessitating overtime or any other additional costs not apparent at the time of quotation, the Company reserves the right to levy agreed additional charges in this respect.

Should the Company be prevented or hindered from delivering the Goods or any part thereof by reason of war, riot, explosion, fire, flood, strike, lockout, shortage of materials, labour or any other cause outside of the Company's control, the time for delivery shall be extended until the cause for delay has ceased.

Delivery shall be deemed to have taken place when the goods are despatched from the Company's works.

The Company shall not be liable for any loss of any kind to the Customer arising from any damage to the Goods occurring after the Customer has taken possession, however caused, nor shall any of the Customer's liabilities to the seller be diminished or extinguished by reason of such loss.

The Company may at its option cancel or suspend (or suspend and later cancel) all further deliveries under the contract in the event of default by the customer in making any payment due hereunder or under any other contract between the Company and the Customer.

5. Payment

Unless otherwise agreed in writing, by the Company's authorised representative, the Customer shall settle all accounts within the terms stated in the quotation. Overdue accounts, shall attract interest at the rate of 3% over Barclays' base rate accruing daily. Late payment may incur loss of any previously agreed discounts.

The Customer shall pay all accounts in full and not exercise any rights of set off or counter claim against invoices submitted.

6. Ownership and Risk

The Company shall retain title to the goods until payment has been made in full. The risk of accidental deterioration or destruction shall pass on delivery and the Customer shall insure against such risk.

7. Cancellation and Returns

The Customer may not cancel or vary the contract or any part thereof without the consent of the Company. Cancellation and returns if agreed shall be on the express condition that the Customer shall indemnify the Company against all loss. In the event of the return of re-saleable goods, the indemnity shall be calculated at a rate equivalent to 15% of invoice value excluding VAT.

8. Guarantee

The Customer shall carry out a thorough inspection on receipt thereof, and report within 3 days of receipt, any defects, which may be apparent from such an inspection. In the case of defects apparent within the following 36 months, the Customer must give written notice to the Company who will repair or replace (at its option) any components of the Company's manufacture which fail due to faulty materials or workmanship. In the case of components or products not of the Company's manufacture, but supplied by the Company as part of a contract order, the Company will assign to the Customer its rights against its supplier and these rights shall be taken in extinction or substitution for any rights which the Customer would otherwise have had against the Company. The liability of the Company under this guarantee shall be limited to the invoice value of the components replaced or repaired and the Company shall not be liable for any consequential loss or damage howsoever arising. It shall be the duty of the Customer to insure against such loss and to hold the Company harmless therefore.

9. Law

The Contract shall in all respects be governed by and construed in accordance with English Law and the English Courts shall have exclusive jurisdiction.

For and on behalf of N E Technology Limited

NET LED LIGHTING



N E Technology Limited
St John's Innovation Centre
Cowley Road
Cambridge
CB4 0WS
United Kingdom

T: 01223 851505
F: 01223 851506
E: sales@netledlighting.co.uk
W: www.netledlighting.co.uk