



Lamps & Lighting Electronics Catalogue

PHILIPS



See what light can do

Philips prides itself for being at the forefront of technology and innovation. As the world leader in lighting we continue to expand the depth and scope of our range of lighting solutions to help customers realise their creative ambitions in a project or business environment.

With this in mind, the book you are about to read and use has also been designed around our customers to help make the right lighting choice. We invite you to have a look at the following pages to see how we are applying our expertise to inspire you.

Whether you are looking to 'Be Inspired' by light, or 'Be Informed' on technical specification information, we present to you new and exciting innovations applied in many different applications in a simple and accessible way.

We believe light is potential – light is possibility, and we are bringing those possibilities to life.

Compact Fluorescent Non Integrated

PL-R

MASTER PL-R Eco 4 Pin



The ultimate Saver!

MASTER PL-R Eco is an extremely efficient compact fluorescent lamp for downlight applications. It consists of six parallel tubes with a new innovative 'twist and lock' lamp base, designed for operation with electronic gear. The MASTER PL-R Eco contains the original bridge technology invented and patented by Philips. This guarantees optimum performance in the application and results in significantly higher efficacies than with regular compact fluorescent lamps. On top of that, MASTER PL-R Eco lamps offer more than double the service life of a standard compact fluorescent lamp, thanks to superior lumen maintenance. The 'twist and lock' lamp base provides easy and safe (dis-)mounting and sturdy fixation in the luminaire.

Product Features

- Twist and lock 4-pin lamp base GRI4q-I without starter and capacitor
- Maximum light output reached at approximately 35-40°C in free-burning base-up position
- Fluorescent tri-phosphor technology
- Extra long lifetime and less early failures
- Very low light depreciation over lamp life
- Service lifetime of 19,000 hours

Product Benefits

- Up to 50% less energy consumption in application versus 18 and 26 W PL-C/T on electromagnetic ballasts for comparable lighting levels
- Up to 25% less energy consumption in application versus 18 and 26 W PL-C/T on electronic drivers for comparable lighting levels
- Easy lamp (re-)placement and stable fixation due to new twist and lock lampbase / holder
- Longer lifetime and less early failures lead to less hassle and lower maintenance costs and facilitate the change from spot to group replacement
- Dimming possible down to 10%

Environment

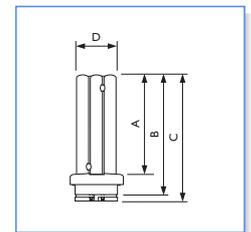
- Most sustainable compact fluorescent solution for comparable lighting solutions
- Up to 50% reduction of CO₂ emissions in application and lower light output depreciation
- Longer service life and lowest mercury content leads to less environmental waste
- Compliant with all RoHS and WEEE requirements: very low content of mercury, lead free and no use of radioactive materials and hazardous flame retardants

Application

- Designed for general down-lighting in (semi-)professional indoor applications: offices, retail, hospitals, governmental and public buildings
- Ideal for use in recessed or surface mounted downlighters, wall units
- Suitable for use in applications where maintenance costs are high (high ceilings, difficult to reach): department stores, supermarkets, warehouses, production halls and public areas

Warnings and Safety

- Lamp light technical and electrical characteristics are influenced by operating conditions, i. e. lamp ambient temperature and operating position as well as applied HF control gear
- Shorter lamp life when often switching and not well pre-heated electrodes



Dim. no.	A max.	B max.	C max.	D max.
1	99.7	120	126.6	41
2	121.7	142	148.6	41

MASTER PL-R Eco GRI4q-I

Wattage/Colour Code	Colour Rendering Index (R _a)		Dimmable	Life to 10% fail Preheat EL ₃ h (h)	Life to 50% fail Preheat EL ₃ h (h)	Dim. no.	Packing type/Packing configuration	National Order Code	Ordering number 8711500...	
14W/840	82	A	yes	19,000	24,000	1	ICT / 5X10CC 50	14PLR840ECO	26598270	yes
17W/830	82	A	yes	19,000	24,000	2	ICT / 5X10CC 50	17PLR830ECO	26601970	yes
17W/840	82	A	yes	19,000	24,000	2	ICT / 5X10CC 50	17PLR840ECO	26604070	yes

PL-S

MASTER PL-S 2 Pin



- Compact long-arc low-pressure mercury discharge lamp
- Envelope consists of 2 parallel narrow fluorescent tubes

Product Features

- 2-pin base with a housing incorporating the special instant starter and capacitor
- Lamp characteristics are influenced by operating conditions and control gear used
- The lamps contain only 3 mg of mercury
- Dimming is not possible

Product Benefits

- Optimal light performance for short or long operation per switch on
- Long life and sustainable light output

Product Description

- Energy-saving compact fluorescent lamps

Environment

- Good environmental choice because of high energy efficiency, long life and low light output depreciation, lowest mercury content
- Compliant with all RoHS and WEEE requirements: the lamps have a very low content of mercury, are lead free and make no use of hazardous flame retardants

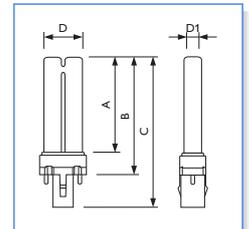
Application

- Designed for use in hotels, restaurants, theatres and homes
- Suitable for use in signs, corridors, security and orientation lighting

Warnings and Safety

- Use only with electromagnetic control gear

- Lamp light technical and electrical characteristics are influenced by operating conditions, i. e. lamp ambient temperature and operating position
- Dimming is not possible



Dim. no.	A max.	B max.	C max.	D max.	D1 max.
1	67	83	105.0	28	13
2	97	113	135.0	28	13
3	129	145	167.0	28	13
4	198	214	235.8	28	13

MASTER PL-S /2P G23

Wattage/ Colour Code	Colour Rendering Index (R _a)	Energy Class	Luminous Flux EL 25°C, Rated (lm)	Dimmable	Life to 10% failures EM (h)	Life to 50% failures EM (h)	Dim. no.	Packing type/ Packing configuration		National Order Code	Ordering number 8711500...	
5W/827	82	B	259	no	6,500	10,000	1	ICT / 5X10CC	50	5PLS8272PINB	26045170	yes
7W/827	82	B	405	no	6,500	10,000	2	ICT / 5X10CC	50	7PLS8272PINB	26057470	yes
7W/840	82	B	405	no	6,500	10,000	2	ICT / 5X10CC	50	7PLS8402PINB	26065970	yes
9W/827	82	A	583	no	6,500	10,000	3	ICT / 5X10CC	50	9PLS8272PINB	26079670	yes
9W/830	82	A	583	no	6,500	10,000	3	ICT / 5X10CC	50	9PLS8302PINB	26084070	yes
9W/840	82	A	583	no	6,500	10,000	3	ICT / 5X10CC	50	9PLS8402PINB	26087170	yes
11W/827	82	A	893	no	6,500	10,000	4	ICT / 5X10CC	50	11PLS8272PINB	26101470	yes
11W/840	82	A	893	no	6,500	10,000	4	ICT / 5X10CC	50	11PLS8402PINB	26109070	yes

MASTER PL-S 4 Pin



Product Features

- 4-pin base without starter and capacitor
- Lamp characteristics are influenced by operating conditions and control gear used
- The lamps contain only 3 mg of mercury

Product Benefits

- Optimal light performance for short or long operation per switch on
- Long life and sustainable light output

Environment

- Good environmental choice because of high energy efficiency, long life and low light output depreciation, lowest mercury content

Product Description

- Energy-saving compact fluorescent lamps
- Compact long-arc low-pressure mercury discharge lamp
- Envelope consists of 2 parallel narrow fluorescent tubes

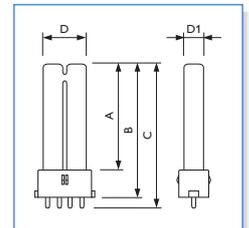
- Compliant with all RoHS and WEEE requirements: the lamps have a very low content of mercury, are lead free and make no use of radioactive materials and hazardous flame retardants

Application

- Designed for use in hotels, restaurants, theatres and homes
- Suitable for use in signs, corridors, security and orientation lighting

Warnings and Safety

- Lamp light technical and electrical characteristics are influenced by operating conditions, i. e. lamp ambient temperature and operating position as well as applied HF control gear
- Shorter lamp life when often switching and not well pre-heated electrodes



Dim. no.	A max.	B max.	C max.	D max.	D1 max.
1	128	145	151.1	28	13
2	196	214	219.9	28	13

MASTER PL-S /4P 2G7

Wattage/ Colour Code	Colour Rendering Index (R _a)	Energy Class	Luminous Flux EL 25°C, Rated (lm)	Dimmable	Life to 10% fail Preheat EL,3h (h)	Life to 50% fail Preheat EL,3h (h)	Dim. no.	Packing type/ Packing configuration		National Order Code	Ordering number 8711500...	
9W/840	82	A	583	yes	8,000	13,000	1	ICT / 5X10CC	50	9PLS8404PINB	26096370	yes
11W/827	82	A	880	yes	8,000	13,000	2	ICT / 5X10CC	50	11PLS8274PINB	26114470	yes
11W/840	82	A	900	yes	8,000	13,000	2	ICT / 5X10CC	50	11PLS8404PINB	26122970	yes

PL-C

MASTER PL-C 2 Pin



Product Features

- 2-pin base with a housing incorporating the special instant starter and capacitor
- Lamp characteristics are influenced by operating conditions and control gear used
- Dimming is not possible

Product Benefits

- Optimal light performance for short or long operation per switch on
- Long life and sustainable light output

Environment

- Good environmental choice because of high energy efficiency, long life and low light output depreciation, lowest mercury content

- Compliant with all RoHS and WEEE requirements: the lamps have a very low content of mercury, are lead free and make no use of radioactive materials and hazardous flame retardants

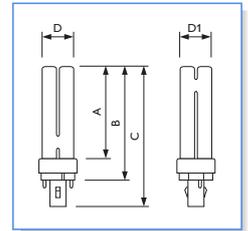
Application

- Designed for general or supplementary lighting in professional or home environments
- Recessed or surface-mounted downlighters, wall units, table lamps and pendant lamps

Warnings and Safety

- Use only with electromagnetic control gear

- Lamp light technical and electrical characteristics are influenced by operating conditions, i. e. lamp ambient temperature and operating position
- Dimming is not possible



Dim. no.	A	B	C	D	D1
1	75.7	94	116.4	27.1	27.1
2	109.7	128	150.4	27.1	27.1
3	130.7	149	171.4	27.1	27.1

Product Description

- Energy-saving compact fluorescent lamps
- Compact long-arc low-pressure mercury discharge lamp
- Envelope consists of 4 parallel narrow fluorescent tubes

MASTER PL-C /2P

Wattage/ Colour Code	Cap-Base	Colour Rendering Index (R _a)		Luminous Flux EM 25°C, Rated (lm)	Dimmable	Life to 10% failures EM (h)	Life to 50% failures EM (h)	Dim. no.	Packing type/ Packing configuration		National Order Code	Ordering number 871 1500...	
10W/840	G24d-1	82	B	600	no	6,500	10,000	1	ICT / 5X10CC	50	10PLC8402PIN	70498670	yes
18W/827	G24d-2	82	B	1,200	no	6,500	10,000	2	ICT / 5X10CC	50	18PLC8272PIN	62088070	yes
18W/830	G24d-2	82	B	1,200	no	6,500	10,000	2	ICT / 5X10CC	50	18PLC8302PIN	62091070	yes
18W/840	G24d-2	82	B	1,200	no	6,500	10,000	2	ICT / 5X10CC	50	18PLC8402PIN	62093470	yes
26W/827	G24d-3	82	B	1,800	no	6,500	10,000	3	ICT / 5X10CC	50	26PLC8272PIN	62095870	yes
26W/830	G24d-3	82	B	1,800	no	6,500	10,000	3	ICT / 5X10CC	50	26PLC8302PIN	62098970	yes
26W/840	G24d-3	82	B	1,800	no	6,500	10,000	3	ICT / 5X10CC	50	26PLC8402PIN	62100970	yes

MASTER PL-C 4 Pin



- Compact long-arc low-pressure mercury discharge lamp
- Envelope consists of 4 parallel narrow fluorescent tubes

Product Features

- 4-pin base without starter and capacitor
- Lamp characteristics are influenced by operating conditions and control gear used
- Dimming is possible

Product Benefits

- Optimal light performance for short or long operation per switch on
- Long life and sustainable light output

Environment

- Good environmental choice because of high energy efficiency, long life and low light output depreciation, lowest mercury content

- Compliant with all RoHS and WEEE requirements: the lamps have a very low content of mercury, are lead free and make no use of radioactive materials and hazardous flame retardants

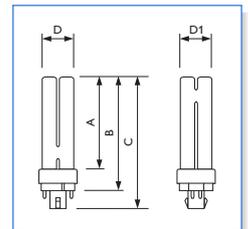
Application

- Designed for general or supplementary lighting in professional or home environments
- Recessed or surface-mounted downlighters, wall units, table lamps and pendant lamps

Warnings and Safety

- Lamp light technical and electrical characteristics are influenced by operating conditions, i. e. lamp ambient temperature and operating position as well as applied HF control gear

- Shorter lamp life when often switching and not well pre-heated electrodes



Dim. no.	A	B	C	D	D1
1	109.7	128	142.9	27.1	27.1
2	130.7	149	163.9	27.1	27.1

Product Description

- Energy-saving compact fluorescent lamps

MASTER PL-C /4P

Wattage/ Colour Code	Cap-Base	Colour Rendering Index (R _a)		Luminous Flux EL 25°C, Rated (lm)	Dimmable	Life to 10% fail Preheat EL,3h (h)	Life to 50% fail Preheat EL,3h (h)	Dim. no.	Packing type/ Packing configuration		National Order Code	Ordering number 871 1500...	
18W/827	G24q-2	82	B	1,200	yes	8,000	13,000	1	ICT / 5X10CC	50	18PLC8274PIN	62327070	yes
18W/830	G24q-2	82	B	1,200	yes	8,000	13,000	1	ICT / 5X10CC	50	18PLC8304PIN	62333170	yes
18W/840	G24q-2	82	B	1,200	yes	8,000	13,000	1	ICT / 5X10CC	50	18PLC8404PIN	62334870	yes
26W/827	G24q-3	82	B	1,800	yes	8,000	13,000	2	ICT / 5X10CC	50	26PLC8274PIN	62328770	yes
26W/830	G24q-3	82	B	1,800	yes	8,000	13,000	2	ICT / 5X10CC	50	26PLC8304PIN	62335570	yes
26W/835	G24q-3	82	B	1,800	yes	8,000	13,000	2	ICT / 5X10CC	50	26PLC8354PIN	86653070	yes
26W/840	G24q-3	82	B	1,800	yes	8,000	13,000	2	ICT / 5X10CC	50	26PLC8404PIN	62336270	yes

MASTER PL-C Xtra 2 Pin



Product Features

- 2-pin base with a housing incorporating the special instant starter and capacitor
- Significant reduction of early failures
- Extra long and reliable lifetime

Product Benefits

- Extra long life
- Longer lifetime and less early failures lead to less hassle and lower maintenance costs and facilitate the change from spot to group replacement
- Optimal light performance for long operation per switch on

Environment

- Good environmental choice because of long reliable life, high-energy efficiency and lowest mercury content

Product Description

- Energy-saving compact fluorescent lamps
- Compact long-arc low-pressure mercury discharge lamp
- Envelope consists of 2 parallel narrow fluorescent tubes

- Compliant with all RoHS and WEEE requirements: lamps contain very low level of mercury, are lead free and make no use of radioactive materials and hazardous flame retardants

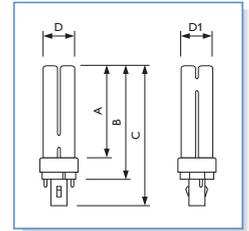
Application

- Designed for general or supplementary lighting in professional environments
- Recessed or surface-mounted downlighters, wall units, table lamps and pendant lamps
- Suitable for use in applications where maintenance costs are high (high ceilings, difficult to reach): department stores, supermarkets, warehouses, production halls and public areas

Warnings and Safety

- Use only with electromagnetic control gear

- Lamp light technical and electrical characteristics are influenced by operating conditions, i. e. lamp ambient temperature and operating position
- Dimming is not possible



Dim. no.	A max.	B max.	C max.	D max.	D1 max.
1	109.7	128	150.4	27.1	27.1
2	130.7	149	171.4	27.1	27.1

MASTER PL-C Xtra /2P

Wattage/ Colour Code	Cap-Base	Colour Rendering Index (Ra)	EMC Class	Luminous Flux EM 25°C, Rated (lm)	Dimmable	Life to 10% failures EM (h)	Life to 50% failures EM (h)	Dim. no.	Packing type/ Packing configuration		National Order Code	Ordering number 8711500...	
18W/830	G24d-2	82	B	1,200	no	12,000	16,000	1	ICT / 5X10CC	50	18PLC8302PXTRA	89895170	yes
18W/840	G24d-2	82	B	1,200	no	12,000	16,000	1	ICT / 5X10CC	50	18PLC8402PXTRA	95030770	yes
26W/840	G24d-3	82	B	1,800	no	12,000	16,000	2	ICT / 5X10CC	50	26PLC8402PXTRA	89886970	yes

MASTER PL-C Xtra 4 Pin



Product Features

- 4-pin base without starter and capacitor
- Significant reduction of early failures
- Extra long and reliable lifetime

Product Benefits

- Extra long life
- Longer lifetime and less early failures lead to less hassle and lower maintenance costs and facilitate the change from spot to group replacement
- Optimal light performance for long operation per switch on

Environment

- Good environmental choice because of long reliable life, high-energy efficiency and lowest mercury content

Product Description

- Energy-saving compact fluorescent lamps
- Compact long-arc low-pressure mercury discharge lamp
- Envelope consists of 4 parallel narrow fluorescent tubes

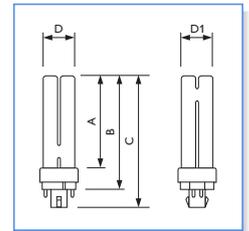
- Compliant with all RoHS and WEEE requirements: lamps contain very low level of mercury, are lead free and make no use of radioactive materials and hazardous flame retardants

Application

- Designed for general or supplementary lighting in professional environments
- Recessed or surface-mounted downlighters, wall units, table lamps and pendant lamps
- Suitable for use in applications where maintenance costs are high (high ceilings, difficult to reach): department stores, supermarkets, warehouses, production halls and public areas

Warnings and Safety

- Lamp light technical and electrical characteristics are influenced by operating conditions, i. e. lamp ambient temperature and operating position as well as applied HF control gear
- Shorter lamp life when often switching and not well pre-heated electrodes



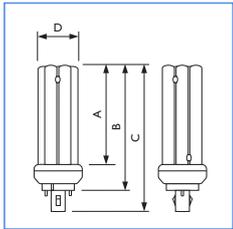
Dim. no.	A max.	B max.	C max.	D max.	D1 max.
1	109.7	128	142.9	27.1	27.1
2	130.7	149	163.9	27.1	27.1

MASTER PL-C Xtra /4P

Wattage/ Colour Code	Cap-Base	Colour Rendering Index (Ra)	EMC Class	Luminous Flux EL 25°C, Rated (lm)	Dimmable	Life to 10% fail Preheat EL, 3h (h)	Life to 50% fail Preheat EL, 3h (h)	Dim. no.	Packing type/ Packing configuration		National Order Code	Ordering number 8711500...	
18W/840	G24q-2	82	B	1,200	yes	20,000	33,000	1	ICT / 5X10CC	50	18PLC8404PXTRA	95036970	yes
26W/830	G24q-3	82	B	1,800	yes	20,000	33,000	2	ICT / 5X10CC	50	26PLC8304PXTRA	89889070	yes
26W/840	G24q-3	82	B	1,800	yes	20,000	33,000	2	ICT / 5X10CC	50	26PLC8404PXTRA	89892070	yes

PL-T

MASTER PL-T 2 Pin



Dim. no.	A max.	B max.	C max.	D max.
1	71.8	96	119.2	41

Product Description

- Energy saving compact fluorescent lamp
- Compact long-arc low-pressure mercury discharge lamp
- Envelope consists of 6 parallel narrow fluorescent tubes

Product Features

- 2-pin base with a housing incorporating the lamp glow switch starter
- Fast light run up
- Philips invented bridge technology applied
- Dimming is not possible

Product Benefits

- Optimal light performance for short or long operation per switch on
- Substantial more light (about 15% more) per light point than common
- Long life and sustainable light output

Environment

- Good environmental choice because of high energy efficiency, long life and low light output depreciation, lowest mercury content
- Compliant with all RoHS and WEEE requirements: the lamps have a very low content of mercury, are lead free and make no use of radioactive materials and hazardous flame retardants

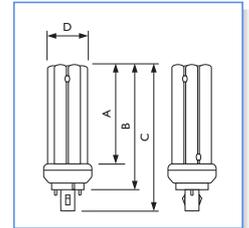
Application

- Designed for general or supplementary lighting in professional and semi-professional environments
- Ideal for use in recessed or surface mounted downlighters, wall units

Warnings and Safety

- Use only with electromagnetic control gear

- Lamp light technical and electrical characteristics are influenced by operating conditions, i. e. lamp ambient temperature and operating position
- Dimming is not possible



Dim. no.	A max.	B max.	C max.	D max.
2	86.7	111	134.2	41

MASTER PL-T / 2P

Wattage/ Colour Code	Cap-Base	Colour Rendering Index (R _a)	Energy Class	Luminous Flux EM 25°C, Rated (lm)	Dimmable	Life to 10% failures EM (h)	Life to 50% failures EM (h)	Dim. no.	Packing type/ Packing configuration		National Order Code	Ordering number 8711500...	
18W/840	GX24d-2	82	B	1,200	no	6,500	10,000	1	ICT / 5X10CC	50	18PLT8402PINCS	61061470	yes
26W/830	GX24d-3	82	B	1,725	no	6,500	10,000	2	ICT / 5X10CC	50	26PLT8302PINCS	61102470	yes
26W/840	GX24d-3	82	B	1,725	no	6,500	10,000	2	ICT / 5X10CC	50	26PLT8402PINCS	61113070	yes

MASTER PL-T 4 Pin



Product Description

- Energy saving compact fluorescent lamp

- Compact long-arc low-pressure mercury discharge lamp
- Envelope consists of 6 parallel narrow fluorescent tubes

Product Features

- 4-pin base without glow switch starter and capacitor
- Fast light run up under all circumstances
- Philips invented bridge technology applied
- Dimming is possible

Product Benefits

- Optimal light performance for short or long operation per switch on

- More light (about 15% more) per light point than common
- Long life and sustainable light output

Environment

- Good environmental choice because of high energy efficiency, long life and low light output depreciation, lowest mercury content
- Compliant with all RoHS and WEEE requirements: the lamps have a very low content of mercury, are lead free and make no use of radioactive materials and hazardous flame retardants

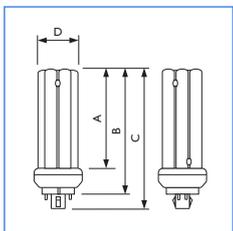
Application

- Designed for general or supplementary lighting in professional and semi-professional environments

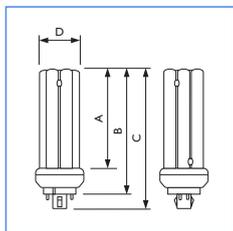
- Ideal for use in recessed or surface mounted downlighters, wall units, outdoor lighting
- First choice for short switching cycles, emergency lighting and deep dimming

Warnings and Safety

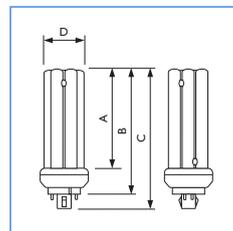
- Lamp light technical and electrical characteristics are influenced by operating conditions, i. e. lamp ambient temperature and operating position as well as applied HF control gear
- Shorter lamp life when often switching and not well pre-heated electrodes



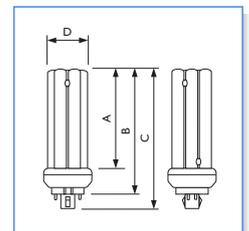
Dim. no.	A max.	B max.	C max.	D max.
1	66.7	91	106.7	41
2	157.7	182	197.7	41



Dim. no.	A max.	B max.	C max.	D max.
3	71.7	96	111.7	41



Dim. no.	A max.	B max.	C max.	D max.
4	86.7	111	126.7	41
5	98.7	123	138.7	41



Dim. no.	A max.	B max.	C max.	D max.
6	120.7	145	160.7	41

MASTER PL-T / 4P

Wattage/ Colour Code	Cap-Base	Colour Rendering Index (R _a)	Energy Class	Luminous Flux EL 25°C, Rated (lm)	Dimmable	Life to 10% fail Preheat EL _{3h} (h)	Life to 50% fail Preheat EL _{3h} (h)	Dim. no.	Packing type/ Packing configuration		National Order Code	Ordering number 8711500...	
13W/840	GX24q-1	82	A	850	yes	8,000	13,000	1	ICT / 5X10CC	50	13PLT8404PINCS	61047870	yes
18W/830	GX24q-2	82	B	1,200	yes	8,000	13,000	3	ICT / 5X10CC	50	18PLT8304PINCS	61076870	yes

More data see next page

MASTER PL-T /4P (continued)

Wattage/ Colour Code	Cap-Base	Colour Rendering Index (R _a)		Luminous Flux EL 25°C, Rated (lm)	Dimmable	Life to 10% fail Preheat EL,3h (h)	Life to 50% fail Preheat EL,3h (h)	Dim. no.	Packing type/ Packing configuration		National Order Code	Ordering number 87 11 500...	
18W/840	GX24q-2	82	B	1,200	yes	8,000	13,000	3	ICT / 5X10CC	50	18PLT8404PINCS	61099770	yes
26W/827	GX24q-3	82	B	1,725	yes	8,000	13,000	4	ICT / 5X10CC	50	26PLT8274PINCS	55993770	yes
26W/830	GX24q-3	83	B	1,725	yes	8,000	13,000	4	ICT / 5X10CC	50	26PLT8304PINCS	61120870	yes
26W/840	GX24q-3	82	B	1,725	yes	8,000	13,000	4	ICT / 5X10CC	50	26PLT8404PINCS	61125370	yes
32W/827	GX24q-3	82	B	2,400	yes	8,000	13,000	5	ICT / 5X10CC	50	32PLT8274PINCS	55996870	yes
32W/830	GX24q-3	82	B	2,400	yes	8,000	13,000	5	ICT / 5X10CC	50	32PLT8304PINCS	61128470	yes
32W/840	GX24q-3	82	B	2,400	yes	8,000	13,000	5	ICT / 5X10CC	50	32PLT8404PINCS	61131470	yes
42W/830	GX24q-4	82	B	3,050	yes	8,000	13,000	6	ICT / 5X10CC	50	42PLT8304PINCS	61134570	yes
42W/840	GX24q-4	82	B	3,050	yes	8,000	13,000	6	ICT / 5X10CC	50	42PLT8404PINCS	61137670	yes
57W/830	GX24q-5	82	B	4,200	yes	8,000	13,000	2	ICT / 5X10CC	50	57PLT8304PINCS	61140670	yes
57W/840	GX24q-5	82	B	4,200	yes	8,000	13,000	2	ICT / 5X10CC	50	57PLT8404PINCS	61145170	yes

MASTER PL-T TOP 4 Pin



Product Description

- Energy saving compact fluorescent lamp

- Compact long-arc low-pressure mercury discharge lamp
- Envelope consists of 6 parallel narrow fluorescent tubes
- Amalgam controlled operation

Product Features

- 4-pin base without glow switch starter and capacitor
- Hot restrike - moderate light run up after cooling down at low temperatures
- Optimized lighting performance over a broad temperature range due to Philips amalgam technology
- Dimming is possible

Product Benefits

- Optimal lighting performance for long periods of continuous operation

- Substantially higher light output (+30%) per light point than conventional solutions
- High temperature independency at higher application temperatures
- Long life and sustainable light output

Environment

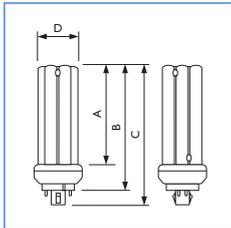
- Good environmental choice because of high energy efficiency, long life and low light output depreciation, lowest mercury content
- Compliant with all RoHS and WEEE requirements: the lamps have a very low content of mercury, are lead free and make no use of radioactive materials and hazardous flame retardants

Application

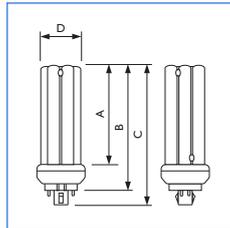
- Designed for general or supplementary lighting in professional and semi-professional environments
- Ideal for use in recessed or surface mounted downlighters, wall units
- First choice for long switching cycles and highest light output

Warnings and Safety

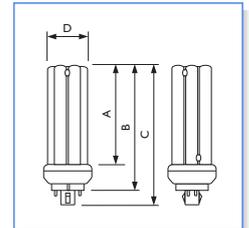
- Lamp light technical and electrical characteristics are influenced by operating conditions, i. e. lamp ambient temperature and operating position as well as applied HF control gear
- Shorter lamp life when often switching and not well pre-heated electrodes



Dim. no.	A max.	B max.	C max.	D max.
1	86.7	111	126.7	41



Dim. no.	A max.	B max.	C max.	D max.
2	120.7	145	160.7	41



Dim. no.	A max.	B max.	C max.	D max.
3	157.7	182	197.7	41

MASTER PL-T TOP /4P

Wattage/ Colour Code	Cap-Base	Colour Rendering Index (R _a)		Luminous Flux EL 25°C, Rated (lm)	Dimmable	Life to 10% fail Preheat EL,3h (h)	Life to 50% fail Preheat EL,3h (h)	Dim. no.	Packing type/ Packing configuration		National Order Code	Ordering number 87 11 500...	
26W/830	GX24q-3	82	B	1,725	yes	8,000	13,000	1	ICT / 5X10CC	50	26PLT8304PINTOP	88944770	yes
26W/840	GX24q-3	82	B	1,725	yes	8,000	13,000	1	ICT / 5X10CC	50	26PLT8404PINTOP	88947870	yes
42W/830	GX24q-4	82	B	3,050	yes	8,000	13,000	2	ICT / 5X10CC	50	42PLT8304PINTOP	61004170	yes
42W/840	GX24q-4	82	B	3,050	yes	8,000	13,000	2	ICT / 5X10CC	50	42PLT8404PINTOP	61008970	yes
57W/830	GX24q-5	82	B	3,900	yes	8,000	13,000	3	ICT / 5X10CC	50	57PLT8304PINTOP	61022570	yes
57W/840	GX24q-5	82	B	3,900	yes	8,000	13,000	3	ICT / 5X10CC	50	57PLT8404PINTOP	61034870	yes

MASTER PL-T Xtra 4 Pin



Product Description

- Energy saving compact fluorescent lamp

- Compact long-arc low-pressure mercury discharge lamp
- Envelope consists of 6 parallel narrow fluorescent tubes

Product Features

- 4-pin base without glow switch starter and capacitor
- Fast light run up under all circumstances
- Philips invented bridge technology applied
- Significant reduction of early failures
- Extra long and reliable lifetime

Product Benefits

- Extra long life
- Longer lifetime and less early failures lead to less hassle and lower maintenance costs and facilitate the change from spot to group replacement

- Optimal light performance for long operation per switch on
- More light (about 15% more) per light point than common

Environment

- Good environmental choice because of long reliable life, high-energy efficiency and lowest mercury content
- Compliant with all RoHS and WEEE requirements: lamps contain very low level of mercury, are lead free and make no use of radioactive materials and hazardous flame retardants

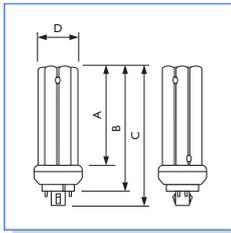
Application

- Designed for general or supplementary lighting in professional and semi-professional environments

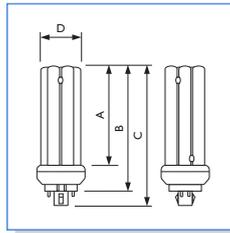
- Ideal for use in recessed or surface mounted downlighters, wall units, outdoor lighting
- Suitable for use in applications where maintenance costs are high (high ceilings, difficult to reach): department stores, supermarkets, warehouses, production halls and public areas

Warnings and Safety

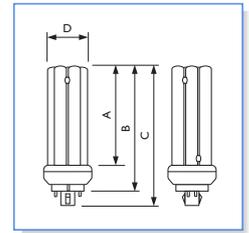
- Lamp light technical and electrical characteristics are influenced by operating conditions, i. e. lamp ambient temperature and operating position as well as applied HF control gear
- Shorter lamp life when often switching and not well pre-heated electrodes



Dim. no.	A max.	B max.	C max.	D max.
1	98.7	123	138.7	41



Dim. no.	A max.	B max.	C max.	D max.
2	120.7	145	160.7	41



Dim. no.	A max.	B max.	C max.	D max.
3	157.7	182	197.7	41

MASTER PL-T Xtra /4P

Wattage/ Colour Code	Cap-Base	Colour Rendering Index (Ra)		Luminous Flux EL 25°C, Rated (lm)	Dimmable	Life to 10% fail Preheat EL,3h (h)	Life to 50% fail Preheat EL,3h (h)	Dim. no.	Packing type/ Packing configuration	National Order Code	Ordering number 8711500...		
32W/830	GX24q-3	82	B	2,400	yes	20,000	33,000	1	1CT / 5X10CC	50	32PLT8304PXTRA	89740470	yes
32W/840	GX24q-3	82	B	2,400	yes	20,000	33,000	1	1CT / 5X10CC	50	32PLT8404PXTRA	89743570	yes
42W/830	GX24q-4	82	B	3,050	yes	20,000	33,000	2	1CT / 5X10CC	50	42PLT8304PXTRA	89746670	yes
42W/840	GX24q-4	82	B	3,050	yes	20,000	33,000	2	1CT / 5X10CC	50	42PLT8404PXTRA	89749770	yes
57W/840	GX24q-5	82	B	4,200	yes	20,000	33,000	3	1CT / 5X10CC	50	57PLT8404PXTRA	89755870	yes

PL-L

MASTER PL-L 4 Pin



Product Features

- 4-pin base without starter and capacitor
- Lamp characteristics are influenced by operating conditions and control gear used
- Lamp performance is governed by temperature of the coolest spot
- Dimming is possible

Product Benefits

- Optimal light performance for short or long operation per switch on
- Long life and sustainable light output
- Good environmental choice because of high energy efficiency, long life and low light output depreciation, lowest mercury content

Environment

- Good environmental choice because of high energy efficiency, long life and low light output depreciation, lowest mercury content

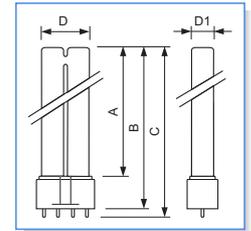
- Compliant with all RoHS and WEEE requirements: the lamps have a very low content of mercury, are lead free and make no use of radioactive materials and hazardous flame retardants

Application

- Designed for general lighting in shops, offices, hotels and specific task lighting, as well as outdoors in residential areas and parks

Warnings and Safety

- Lamp light technical and electrical characteristics are influenced by operating conditions, i. e. lamp ambient temperature and operating position as well as applied control gear
- Shorter lamp life when often switching and not well pre-heated electrodes



Dim. no.	A max.	B max.	C max.	D max.	D1 max.
1	194.2	220	226.6	39	18
2	289.2	315	321.6	39	18
3	384.2	410	416.6	39	18
4	509.2	535	541.6	39	18
5	539.2	565	571.6	39	18

Product Description

- Energy-saving compact fluorescent lamps
- Compact long-arc low-pressure mercury discharge lamp
- Envelope consists of 2 parallel fluorescent tubes

MASTER PL-L /4P 2GII

Wattage/ Colour Code	Colour Rendering Index (R _a)		Luminous Flux EL 25°C, Rated (lm)	Dimmable	Life to 10% fail Preheat EL,3h (h)	Life to 50% fail Preheat EL,3h (h)	Dim. no.	Packing type/ Packing configuration		National Order Code	Ordering number 8711500...	
18W/830	82	B	1,200	yes	14,000	20,000	1	ICT / 25	25	18PLL830	70668340	yes
18W/835	82	B	1,200	yes	14,000	20,000	1	ICT / 25	25	18PLL835	64328540	yes
18W/840	82	B	1,200	yes	14,000	20,000	1	ICT / 25	25	18PLL840	70669040	yes
24W/830	82	B	1,800	yes	14,000	20,000	2	ICT / 25	25	24PLL830	70671340	yes
24W/840	82	B	1,800	yes	14,000	20,000	2	ICT / 25	25	24PLL840	70672040	yes
36W/830	82	A	2,900	yes	14,000	20,000	3	ICT / 25	25	36PLL830	70674440	yes
36W/840	82	A	2,900	yes	14,000	20,000	3	ICT / 25	25	36PLL840	70675140	yes
36W/865	80	A	2,880	yes	14,000	20,000	3	ICT / 25	25	36PLL865	63520440	yes
40W/830	82	A	3,500	yes	14,000	20,000	4	ICT / 25	25	40PLL830	61094240	yes
40W/835	82	A	3,500	yes	14,000	20,000	4	ICT / 25	25	40PLL835	63865640	yes
40W/840	82	A	3,500	yes	14,000	20,000	4	ICT / 25	25	40PLL840	61097340	yes
55W/830	82	A	4,800	yes	14,000	20,000	4	ICT / 25	25	55PLL830	61541140	yes
55W/835	82	A	4,800	yes	14,000	20,000	4	ICT / 25	25	55PLL835	63665240	yes
55W/840	82	A	4,800	yes	14,000	20,000	4	ICT / 25	25	55PLL840	61542840	yes
55W/865	80	A	4,800	yes	14,000	20,000	4	ICT / 25	25	55PLL865	26170040	yes
80W/830	82	B	6,000	yes	14,000	20,000	5	ICT / 25	25	80PLL830	86708740	yes
80W/840	82	B	6,000	yes	14,000	20,000	5	ICT / 25	25	80PLL840	86712440	yes

MASTER PL-L Polar 4 Pin



Product Features

- Bridge between tubes adapted to maximise light output at low ambient temperatures
- Optimum light output achieved in outdoor and cold storage applications
- Lumen maintenance of 90% and and long service lifetime
- Lamp characteristics are influenced by operating conditions and control gear used

Product Benefits

- Road and social safety are safeguarded even at freezing outdoor temperatures
- Lowest cost of ownership thanks to a service lifetime of over 16,000 hours
- Environmental impact minimised by long lifetime and low hazardous materials content
- Dimming is possible

Product Description

- Energy-saving compact fluorescent lamps
- Compact long-arc low-pressure mercury discharge lamp
- Envelope consists of 2 parallel fluorescent tubes linked by a bridge
- 4-pin base without gear

Environment

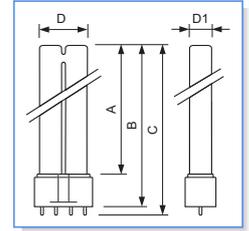
- Good environmental choice because of high energy efficiency, long life and low light output depreciation, lowest mercury content
- Compliant with all RoHS and WEEE requirements: the lamps have a very low content of mercury, are lead free and make no use of radioactive materials and hazardous flame retardants

Application

- Residential areas
- Parks and squares
- Under canopies in storage and transport areas
- Cold indoor areas (e. g. warehouses, food cold stores)

Warnings and Safety

- Lamp light technical and electrical characteristics are influenced by operating conditions, i. e. lamp ambient temperature and operating position as well as applied control gear
- Shorter lamp life when often switching and not well pre-heated electrodes



Dim. no.	A max.	B max.	C max.	D max.	D1 max.
1	385	410	416.6	39	18
2	510	535	541.6	39	18

MASTER PL-L Polar /4P 2GII

Wattage/ Colour Code	Colour Rendering Index (Ra)	Energy Star	Luminous Flux EL 25°C, Rated (lm)	Dimmable	Life to 10% fail Preheat EL,3h (h)	Life to 50% fail Preheat EL,3h (h)	Dim. no.	Packing type/ Packing configuration	National Order Code	Ordering number 871 1500...	RoHS
36W/830	82	A	2,900	yes	14,000	20,000	1	ICT / 25 25	36PLL830POLAR	26158840	yes
36W/840	82	A	2,900	yes	14,000	20,000	1	ICT / 25 25	36PLL840POLAR	26160140	yes
55W/840	82	A	4,800	yes	14,000	20,000	2	ICT / 25 25	55PLL840POLAR	26164940	yes

MASTER PL-L Xtra 4 Pin



Product Features

- 4-pin base without starter and capacitor
- Lamp characteristics are influenced by operating conditions and control gear used
- Lamp performance is governed by temperature of the coolest spot
- Significant reduction of early failures
- Extra long and reliable lifetime

Product Benefits

- Extra long life
- Longer lifetime and less early failures lead to less hassle and lower maintenance costs and facilitate the change from spot to group replacement
- Optimal light performance for long operation per switch on

Product Description

- Energy-saving compact fluorescent lamps
- Compact long-arc low-pressure mercury discharge lamp
- Envelope consists of 2 parallel fluorescent tubes

Environment

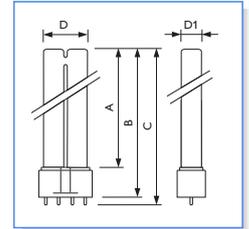
- Good environmental choice because of long reliable life, high-energy efficiency and lowest mercury content
- Compliant with all RoHS and WEEE requirements: lamps contain very low level of mercury, are lead free and make no use of radioactive materials and hazardous flame retardants

Application

- Designed for general lighting in shops, offices, hotels and specific task lighting, as well as outdoors in residential areas and parks
- Suitable for use in applications where maintenance costs are high (high ceilings, difficult to reach): department stores, supermarkets, warehouses, production halls, tunnels and public areas

Warnings and Safety

- Lamp light technical and electrical characteristics are influenced by operating conditions, i. e. lamp ambient temperature and operating position as well as applied control gear
- Shorter lamp life when often switching and not well pre-heated electrodes



Dim. no.	A max.	B max.	C max.	D max.	D1 max.
1	384.2	410	416.6	39	18
2	509.2	535	541.6	39	18

MASTER PL-L Xtra /4P 2GII

Wattage/ Colour Code	Colour Rendering Index (Ra)	Energy Star	Luminous Flux EL 25°C, Rated (lm)	Dimmable	Life to 10% fail Preheat EL,3h (h)	Life to 50% fail Preheat EL,3h (h)	Dim. no.	Packing type/ Packing configuration	National Order Code	Ordering number 871 1500...	RoHS
36W/830	82	A	2,900	yes	25,000	36,000	1	ICT / 25 25	36PLL830XTRA	89758940	yes
36W/840	82	A	2,900	yes	25,000	36,000	1	ICT / 25 25	36PLL840XTRA	89760240	yes
55W/830	82	A	4,800	yes	25,000	36,000	2	ICT / 25 25	55PLL830XTRA	89762640	yes
55W/840	82	A	4,800	yes	25,000	36,000	2	ICT / 25 25	55PLL840XTRA	89764040	yes

MASTER PL-L Xtra Polar 4 Pin



Optimized for lower temperatures and extra long life!

MASTER PL-L Xtra Polar is a medium to high-wattage linear compact fluorescent lamp, typically used for lower-temperature applications such as outdoor lighting and cold storage. MASTER PL-L Xtra Polar lamps furthermore provide significantly lower operating costs thanks to their lifetime, which is more than double that of a standard MASTER PL-L lamp, and their very low early failure rate. The original Philips-invented bridge technology guarantees optimum performance in the application, enabling more light and higher efficacy than the bended technology. It is designed for operation on electromagnetic as well as HF electronic gear and is provided with a plug-in/pull-out lamp base.

Product Features

- 4-pin base
- Fluorescent tri-phosphor technology
- Extra long lifetime and less early failures
- Low light depreciation over lamp life

Product Benefits

- Less hassle and lower maintenance costs and facilitating the change from spot to group replacement
- Optimal light performance for short or long operation per switch-on for lower temperature applications
- Multiple light colour choice
- Good colour rendering (CRI > 80)
- Dimming possible down to 30%

Environment

- Good environmental choice because of high energy efficiency, long life and low light output depreciation, lowest mercury content
- Compliant with all RoHS and WEEE requirements: the lamps have a very low content of mercury, are lead free and make no use of radioactive materials and hazardous flame retardants

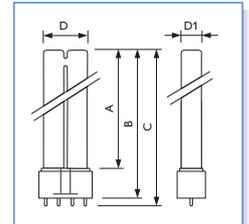
Application

- Residential areas, parks and squares, under canopies in storage and transport areas
- Cold indoor areas (e. g. warehouses, food cold stores)

- Light output at low temperatures can be increased even further by applying a transparent heat cap around the top of the lamp

Warnings and Safety

- Lamp light technical and electrical characteristics are influenced by operating conditions, i. e. lamp ambient temperature and operating position as well as applied control gear
- Shorter lamp life when often switching and not well pre-heated electrodes



Dim. no.	A max.	B max.	C max.	D max.	D1 max.
1	290.0	315	321.6	39	18
2	384.2	410	416.6	39	18
3	509.2	535	541.6	39	18

MASTER PL-L Xtra Polar /4P 2GII

Wattage/Colour Code	Colour Rendering Index (R _a)	Energy Class	Luminous Flux EL 25°C, Rated (lm)	Dimmable	Life to 10% fail Preheat EL,3h (h)	Life to 50% fail Preheat EL,3h (h)	Dim. no.	Packing type/ Packing configuration	National Order Code	Ordering number 8711500...	RoHS
24W/830	82	B	1,800	yes	25,000	36,000	1	ICT / 25 25	24PLL830XTRAPOL	26772640	yes
36W/830	82	A	2,900	yes	25,000	36,000	2	ICT / 25 25	36PLL830XTRAPOL	26776440	yes
55W/830	82	A	4,800	yes	25,000	36,000	3	ICT / 25 25	55PLL830XTRAPOL	26784940	yes

PL-Q

PL-Q 2 Pin



Product Features

- Retrofit in already installed 2D luminaires
- Assembled with the same high-quality components as all other Philips CFL-NI lamps

Product Benefits

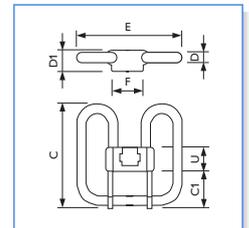
- High light quality and optimum lumen output provide increased value for money
- Energy-saving light with good colour rendering
- Long service lifetime
- The Philips Lighting stamp of quality

Application

- Ideal for applications such as
 - corridors
 - toilets
 - stairwells
 - reception areas

Warnings and Safety

- Use only with electromagnetic control gear
- Lamp light technical and electrical characteristics are influenced by operating conditions, i. e. lamp ambient temperature and operating position
- Dimming is not possible



C max.	CI max.	D max.	DI max.	E max.	F max.	U max.
141	51	15	27.5	138	41	40

Product Description

- Compact fluorescent lamps with a quadrant-like shape

PL-Q /2P GR8

Wattage/Colour Code	Colour Rendering Index (R _a)	Energy Class	Luminous Flux EM 25°C, Rated (lm)	Dimmable	Life to 10% failures EM (h)	Life to 50% failures EM (h)	Packing type/ Packing configuration	National Order Code	Ordering number 8711500...	RoHS
16W/827	82	B	1,050	no	6,000	10,000	ICT / 10 10	16PLQ8272PIN	26965225	yes
16W/830	82	B	1,050	no	6,000	10,000	ICT / 10 10	16PLQ8302PIN	26987425	yes
16W/835	82	B	1,050	no	6,000	10,000	ICT / 10 10	16PLQ8352PIN	26966925	yes

PL-Q 4 Pin



Product Description

- Compact fluorescent lamps with a quadrant-like shape

Product Features

- Retrofit in already installed 2D luminaires
- Assembled with the same high-quality components as all other Philips CFL-NI lamps
- Dimming is possible

Product Benefits

- High light quality and optimum lumen output provide increased value for money
- Energy-saving light with good colour rendering

- Long service lifetime
- The Philips Lighting stamp of quality

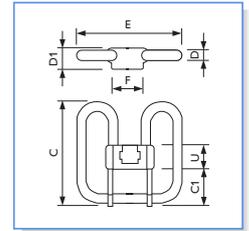
Application

- Ideal for applications such as
 - corridors
 - toilets
 - stairwells
 - reception areas

Warnings and Safety

- Lamp light technical and electrical characteristics are influenced by operating conditions, i. e. lamp ambient temperature and operating position as well as applied HF control gear

- Shorter lamp life when often switching and not well pre-heated electrodes



Dim. no.	C max.	CI max.	D max.	DI max.	E max.	F max.	U max.
1	141	51	15	27.5	138	41	40
2	207	77	24	33.0	205	41	49

PL-Q /4P GR10q

Wattage/Colour Code	Colour Rendering Index (R _a)		Dimmable	Life to 10% fail Preheat EL,3h (h)	Life to 50% fail Preheat EL,3h (h)	Dim. no.	Packing type/ Packing configuration		National Order Code	Ordering number 8711500...	
16W/835	82	B	yes	8,000	13,000	1	ICT / 10	10	16PLQ8354PIN	27206525	yes
28W/827	82	B	yes	8,000	13,000	2	ICT / 10	10	28PLQ8274PIN	26991125	yes
28W/830	82	B	yes	8,000	13,000	2	ICT / 10	10	28PLQ8304PIN	26992825	yes
28W/835	82	B	yes	8,000	13,000	2	ICT / 10	10	28PLQ8354PIN	26967625	yes
28W/840	82	B	yes	8,000	13,000	2	ICT / 10	10	28PLQ8404PIN	26993525	yes
38W/830	82	B	yes	8,000	12,000	2	ICT / 10	10	38PLQ8304PIN	27172325	yes
38W/835	82	B	yes	8,000	13,000	2	ICT / 10	10	38PLQ8354PIN	27173025	yes
38W/840	82	B	yes	8,000	13,000	2	ICT / 10	10	38PLQ8404PIN	27174725	yes

Spectral power distribution

