



What's new for 2009

Philips Lighting introductions.

PHILIPS

sense and simplicity

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Retail and Hospitality _____ **4**

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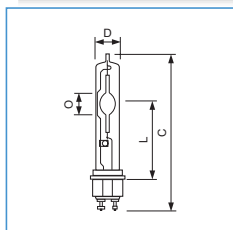
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Outdoor

MASTERColour CDM-T Elite MW



C	D	L
nom.	nom.	nom.
186	28	90

Product Description

- MASTERColour CDM Elite MW - the medium wattage lighting system that gives superior, longer-lasting white light for both indoor and outdoor use.

Product Features

- Crisp, white light with excellent colour rendering (Ra 90)
- Stable colour performance and light output over entire long lifespan
- New socket design makes lamp extremely compact and improves efficiency as well as light distribution
- Electronic driver suitable for both indoor and outdoor applications
- Complements existing CDM lamps; range now extended from 20W to 315W

Product Benefits

- High efficiency of both lamp and driver means lower energy consumption and therefore reduced CO₂ emissions - without compromising on light quality.
- Longer lifespan equates to reduced maintenance and lower replacement costs.
- Excellent colour quality and consistent light output from beginning to end.
- Being 50% smaller than conventional HPI and HPL lamps gives freedom in optic and luminaire design.
- Greater harmony in lighting design as CDM lamps can now be used in many new applications.
- Sparkling properties of white light create a more natural and inviting ambience.

Environment

- Excellent environmental choice because of high energy efficiency and long reliable life
- This product is a Philips Green Flagship
- This product is RoHS compliant
- This product is covered by WEEE

Application

- Outdoor; floodlighting of buildings and other interesting structures. Illumination of roads and pedestrian areas, public spaces, car parks, petrol stations etc.
- Indoor; larger (high-bay) retail outlets, warehouses, manufacturing facilities etc.

Luminaires

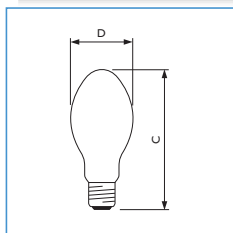
- Must be used in closed luminaires with a proper cover (IEC 61167 and IEC 60958)

System

- Must be used with dedicated electronic gear PrimaVision

Type	Wattage/Colour Code	Cap-Base	Colour Temperature	Colour Rendering Index	Luminous Flux Lamp EL	Operating Position	Packing type/Packing configuration	Ordering number 8727900...
			(K)	(R _a)	(lm)			
MASTERColour CDM-TMW Elite	210W/930	PGZ18	3100	90	24150	any	1CT / 12	801743 00
MASTERColour CDM-TMW Elite	315W/930	PGZ18	3100	90	37800	any	1CT / 12	801576 00

MASTER CityWhite CDO-ET



C	D
max.	max.
156	71

Product Description

- Ceramic metal halide Outdoor with opalized ovoid outer bulb

Product Features

- Robust lamp with long lifetime
- Directly retrofit on HPS (SON) installations for upgrade from yellow to white light
- Good color rendering and harmonized warm white color temperature

Product Benefits

- Reduced cost of ownership compared to predecessor MASTERColour CDM-ET
- Comfortable warm color impression with stable color over lifetime

- Flexible light levels and reduced energy consumption possible via dimming option
- Upgrade for existing HPL installations with gear exchange

Environment

- Good environmental choice because of high energy efficiency in white light
- Products are RoHS compliant
- Products are covered by WEEE

Application

- City centres, shopping centres and pedestrian areas, residential areas, road lighting and floodlighting

Luminaires

- In the highly unlikely event of lamp breakage by incorrect use, vandalism or end of life effects, the luminaire housing should be able to contain heated glass, metal and / or ceramic particles

System

- Must be used with a SON ballast and SON ignitor
- Warm restart time can be up to fifteen minutes. T15 ignitors are therefore advised
- Dimming only possible with electronic gear, DynaVision 1-10 V
- Achieves optimal performance on Philips PrimaVision electronic gear

Type	Wattage/ Colour Code	Cap- Base	Bulb Finish	Colour Rendering Index	Colour Tempera- ture	Luminous Flux Lamp EM	Life to 50% failures	Operating Position	Packing type/ Packing configura- tion	Ordering number 8727900...
				(R _a)	(K)	(lm)	(h)			
MASTER CityWhite CDO-ET	50W/828	E27	Coated	75	2900	4000	9000	any	1SL / 24	823561 00



Retail and Hospitality

Eco Lustre



Product Description

- Decorative covered energy saving lamp
- Designed for incandescent lamp replacement in consumer applications
- Gives a soft, diffuse light
- Suitable for applications where lamp is visible

Product Features

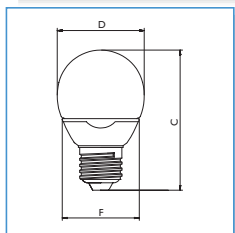
- Long-life alternative to incandescent lamps
- Almost instant, flicker-free start
- Recommended ambient temperature range to ensure almost constant light output (>90%): between 0 and +50°C
- Flawless ignition at -10°C and up

Product Benefits

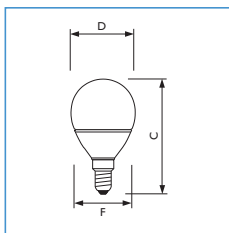
- High energy efficiency (European energy efficiency labelling class A)
- Up to 80% energy saving compared to standard incandescent lamps

Application

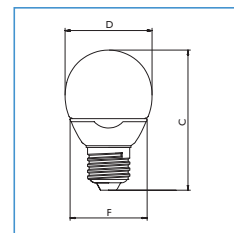
- Designed for incandescent lamp replacement in consumer applications
- Enclosed fixtures are required for outdoor applications
- Not suitable for dimming and electronic devices



Dim. no.	C max.	D max.	F max.
1	85	53.5	48.5



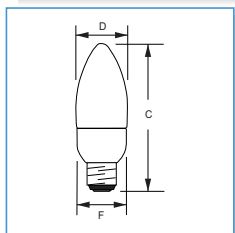
Dim. no.	C max.	D max.	F max.
2	89.5	53.5	48.5
3	98	56.5	48.5



Dim. no.	C max.	D max.	F max.
4	93.5	56.5	48.5

Type	Wattage/ Colour Code	Voltage	Colour Designation	Cap-Base	Colour Rendering Index	Energy Efficiency Label (EEL)	Luminous flux lamp	Life to 50% failures	Dim. no.	Packing type/ Packing configuration	Ordering number 8710163...
		(V)			(R _a)		(lm)	(h)			
Eco Lustre	5W/827	220-240	Warm White	E27	82	A	190	6000	1	1PF / 6	215099 10
Eco Lustre	5W/827	220-240	Warm White	E14	82		190	6000	2	1PF / 6	215136 10
Eco Lustre	8W/827	220-240	Warm White	E27	82	A	370	6000	4	1PF / 6	215211 10
Eco Lustre	8W/827	220-240	Warm White	E14	82		370	6000	3	1PF / 6	215259 10

Candle ESaver



Dim. no.	C max.	D max.	F max.
1	119	41.5	40
2	106.5	40.5	40

Product Description

- Standard energy-saving lamps in the shape of an incandescent candle lamp
- Standard energy saving candle shaped lamps for consumer applications
- Gives a soft, diffuse light with a high comfort level
- Suitable for applications where lamp is visible
- Approximates the look of a frosted candle shaped incandescent lamp

Product Features

- Long-life alternative to incandescent lamps
- Almost instant, flicker-free start (<1 s)
- Light output after 2 minutes 85%
- Recommended ambient temperature range to ensure almost constant light output (>90%): between +10°C and +40°C
- Flawless ignition at -10°C and up.

Product Benefits

- Light quality and distribution similar to the opalised incandescent lamps
- Gives a soft, diffuse light with a high comfort level

Application

- Designed for replacement of incandescent candle lamps in consumer applications
- Especially for applications where lamps is visible
- Enclosed fixtures are required for outdoor applications
- Not suitable for dimming and electronic devices

Type	Wattage/ Colour Code	Voltage	Colour Designation	Cap- Base	Colour Rendering Index	Luminous flux lamp	Life to 50% failures	Dim. no.	Packing type/ Packing configura- tion	Ordering number 8710163...
		(V)			(R _a)	(lm)	(h)			
Candle ESaver	5W/827	220-240	Warm White	E14	82	190	6000	1	1PF / 6	215372 10
Candle ESaver	8W/827	220-240	Warm White	E27	82	370	6000		1PF / 6	215457 10
Candle ESaver	8W/827	220-240	Warm White	E14	82	370	6000		1PF / 6	215495 10
Candle ESaver	5W/827	220-240	Warm White	E27	82	190	6000	2	1PF / 6	215334 10

Economy Ambiance A-shape



Product Description

- Covered standard energy saving lamp
- Designed for incandescent lamp replacement in consumer applications
- Gives a soft, diffuse light
- Suitable for applications where lamp is visible

Product Features

- Long-life alternative to incandescent lamps
- Almost instant, flicker-free start (<1s)

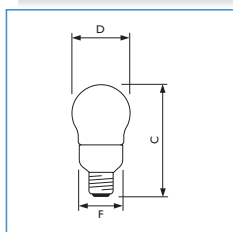
- Recommended ambient temperature range to ensure almost constant light output (>90%): between 0 and +50°C
- Flawless ignition at -10°C and up

Product Benefits

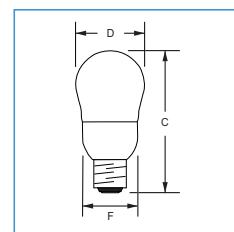
- High energy efficiency (European energy efficiency labelling class A)
- Up to 80% energy saving compared to standard incandescent lamps
- The same shape as a standard incandescent lamp

Application

- Designed for incandescent lamp replacement in consumer applications
- Especially suitable for (indoor) applications where high level of lighting comfort is required
- Enclosed fixtures are required for outdoor applications
- Not suitable for use with dimmers, electronic switches or photocells



Dim. no.	C max.	D max.	F max.
1	108	55	45.5



Dim. no.	C max.	D max.	F max.
2	132	66	50.4
3	146	71	50.4

Type	Wattage/ Colour Code	Voltage	Colour Designation	Cap-Base	Colour Rendering Index	Energy Efficiency Label (EEL)	Luminous flux lamp	Life to 50% failures	Dim. no.	Packing type/ Packing configuration	Ordering number 8710163...
		(V)			(Ra)		(lm)	(h)			
Eco Ambiance A	11W/827	220-240	Warm White	E27	82		570	6000	1	1PF / 6	223445 10
Eco Ambiance A	14W/827	220-240	Warm White	E27	82	A	820	6000	2	1PF / 6	215631 10
Eco Ambiance A	18W/827	220-240	Warm White	E27	82	A	1050	6000	3	1PH / 6	215693 10

Economy Ambiance T-shape



Product Description

- Covered energy saving lamp
- Suitable for indoor applications where high level of lighting comfort is required
- Designed for both soft diffused light and cool day light

Product Features

- Long-life alternative to incandescent lamps
- Almost instant, flicker-free start (<1s)

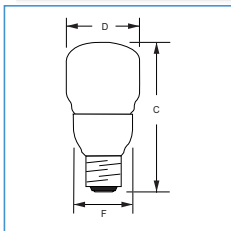
- Recommended ambient temperature range to ensure almost constant light output (>90%): between 0 and +50°C
- Flawless ignition at -10°C and up

Product Benefits

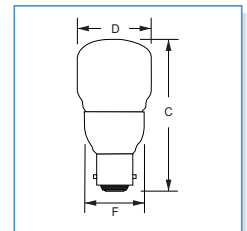
- High energy efficiency (European energy efficiency labelling class A)
- Up to 80% energy saving compared to standard incandescent lamps

Application

- Designed for incandescent lamp replacement in consumer applications
- Especially suitable for indoor applications where high level of lighting comfort is required
- Closed fixtures are required for outdoor applications
- Not suitable for dimming and electronic devices



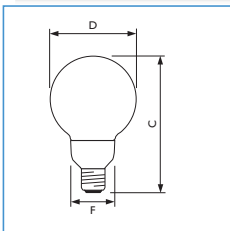
Dim. no.	C max.	D max.	F max.
1	114	61.5	44.4
2	124	61.5	44.4
3	130	66	50.4
4	145	71	50.4



Dim. no.	C max.	D max.	F max.
5	128.5	66	50.4
6	122.5	61.5	44.4

Type	Wattage/ Colour Code	Voltage	Colour Designation	Cap-Base	Colour Rendering Index	Energy Efficiency Label (EEL)	Luminous flux lamp	Life to 50% failures	Dim. no.	Packing type/ Packing configuration	Ordering number 8710163...
		(V)			(Ra)		(lm)	(h)			
Eco Ambiance T	8W/827	220-240	Warm White	E27	82	A	400	8000	1	1PF / 6	220093 10
Eco Ambiance T	11W/827	220-240	Warm White	E27	82	A	570	8000	2	1PF / 6	220109 10
Eco Ambiance T	11W/827	220-240	Warm White	E27	82	A	570	8000	2	1BS / 6	220116 10
Eco Ambiance T	14W/827	220-240	Warm White	E27	82	A	780	8000	3	1PF / 6	220123 10
Eco Ambiance T	14W/827	220-240	Warm White	E27	82	A	780	8000	3	1BS / 6	220130 10
Eco Ambiance T	14W/827	220-240	Warm White	B22	82	A	780	8000	5	1BS / 6	220147 10
Eco Ambiance T	18W/827	220-240	Warm White	E27	82	A	1050	8000	4	1BS / 6	220154 10
Eco Ambiance T	11W/827	220-240	Warm White	B22	82	A	570	8000	6	1PF / 6	223872 10
Eco Ambiance T	14W/827	220-240	Warm White	B22	82	A	780	8000	5	1PF / 6	223896 10
Eco Ambiance T	18W/827	220-240	Warm White	E27	82	A	1050	8000	4	1PF / 6	224985 10
Eco Ambiance T	11W/865	220-240	Cool Daylight	E27	80	A	540	8000	2	1PF / 6	390697 10
Eco Ambiance T	14W/865	220-240	Cool Daylight	E27	80	A	740	8000	3	1PF / 6	390703 10
Eco Ambiance T	18W/865	220-240	Cool Daylight	E27	80	A	1000	8000	4	1PF / 6	390710 10
Eco Ambiance T	11W/865	220-240	Cool Daylight	E27	80	A	540	8000	2	1BS / 6	390758 10
Eco Ambiance T	14W/865	220-240	Cool Daylight	E27	80	A	740	8000	3	1BS / 6	390765 10
Eco Ambiance T	18W/865	220-240	Cool Daylight	E27	80	A	1000	8000	4	1BS / 6	390772 10

MASTERGlobe



C	D	F
max.	max.	max.
182.1	121	48.2

Product Description

- Professional long life decorative globe shaped energy saving lamp

Product Features

- Professional long-life alternative to decorative incandescent lamps
- Starting time <1s
- 80% of nominal light output reached two minutes after switching on
- Almost constant light output (>80%) over recommended temperature range

Product Benefits

- High energy efficiency (European energy efficiency labelling class A)

Application

- Designed for incandescent lamp replacement in (open) luminaires with a decorative function or as replacement of globe incandescent lamps
- Especially suitable for use in restaurants, hotels and offices where lighting is required for longer periods of time and / or where lamp replacement is difficult

- Ambient temperature range -15 to +55°C (base-up), +5 to +55°C (base-down)
- Suitable for use in emergency lighting with DC supply (300-340V DC for optimum performance)
- Enclosed fixtures are required for outdoor applications
- Not suitable for dimming and electronic devices

Type	Wattage/ Colour Code	Voltage (V)	Colour Designation	Cap- Base	Colour Rendering Index (R _a)	Energy Efficiency Label (EEL)	Luminous flux lamp (lm)	Life to 50% failures (h)	Packing type/ Packing configura- tion	Ordering number 8711500...
MASTERGlobe	16W/827	230-240	Warm White	E27	82	A	900	12000	1CH / 6	468949 00
MASTERGlobe	23W/827	230-240	Warm White	E27	82	A	1380	12000	1CH / 6	469021 00
MASTERGlobe	23W/865	230-240	Cool Daylight	E27	76	A	1380	10000	1CH / 6	469069 00
MASTERGlobe	20W/827	230-240	Warm White	E27	82	A	1160	12000	1CH / 6	468987 00

Tornado High Lumen



Product Description

- High lumen energy-saving lamp
- Designed for soft, cool white and cool day light
- Perfect energy-saving solution for mercury lamps replacement
- Simple installation – no ballast needed

Product Features

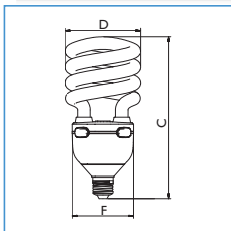
- Very good colour rendering
- Flawless ignition at -10°C and up
- Ambient temperature range to ensure almost constant light output: 0 - 50°C

Product Benefits

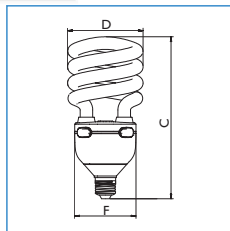
- Decorative design combined with high lumen output
- Lamps can be used in places where they are directly visible
- Simple installation – no ballast needed
- Perfect energy-saving solution for mercury lamps replacement
- Fewer replacements and high energy efficiency

Application

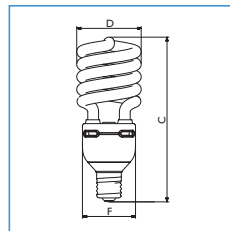
- Dedicated mostly for professional applications (hotels, restaurants, shops)
- Ideal for High Bay type indoor applications
- Enclosed fixtures are required for outdoor applications
- Not suitable for dimming and electronic devices



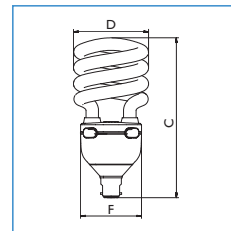
Dim. no.	C max.	D max.	F max.
1	207	98	80.3



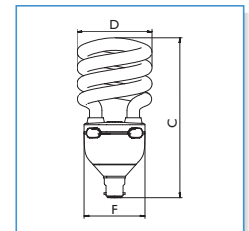
Dim. no.	C max.	D max.	F max.
2	223	98	80.3



Dim. no.	C max.	D max.	F max.
3	264	104	88



Dim. no.	C max.	D max.	F max.
4	205.5	98	80.3



Dim. no.	C max.	D max.	F max.
5	221.5	98	80.3

Type	Wattage/ Colour Code	Voltage (V)	Colour Designation	Cap-Base	Colour Rendering Index (Ra)	Luminous flux lamp (lm)	Life to 50% failures (h)	Dim. no.	Packing type/ Packing configura- tion	Ordering number 8727900...
Tornado High Lumen	45W/865	220-240	Cool Daylight	E27	80	2850	8000	1	1CT / 6	807196 00
Tornado High Lumen	65W/865	220-240	Cool Daylight	E27	80	4000	8000	2	1CT / 6	807219 00
Tornado High Lumen	80W/865	220-240	Cool Daylight	E40	80	5300	8000	3	1CT / 6	807233 00
Tornado High Lumen	45W/827	220-240	Warm White	E27	82	3100	8000	1	1CT / 6	808223 00
Tornado High Lumen	65W/827	220-240	Warm White	E27	82	4300	8000	2	1CT / 6	808247 00
Tornado High Lumen	45W/827	220-240	Warm White	B22	82	3100	8000	4	1CT / 6	808261 00
Tornado High Lumen	65W/827	220-240	Warm White	B22	82	4300	8000	5	1CT / 6	808308 00
Tornado High Lumen	80W/827	220-240	Warm White	E40	82	5600	8000	3	1CT / 6	808322 00
Tornado High Lumen	80W/840	220-240	Cool White	E40	82	5600	8000	3	1CT / 6	808834 00
Tornado High Lumen	65W/840	220-240	Cool White	E27	82	4200	8000	2	1CT / 6	807257 00
Tornado High Lumen	45W/840	220-240	Cool White	E27	82	3000	8000	1	1CT / 6	807271 00

MASTERClassic



Product Description

- Energy-saving halogen MASTERlamp with EcoBoost technology for 50% savings on energy costs compared with incandescent lamps, while maintaining or even improving the quality of light

Product Features

- Unique Philips patented EcoBoost single-ended burner: 50% higher efficiency than standard products
- Shape and base like classic incandescent lamps, compact size and hidden electronics
- 50% lower energy consumption than an incandescent lamp
- Average lifetime three times longer than an incandescent lamp

- Low-voltage halogen light quality: sparkling, crisp light
- Dimmable
- No mercury content
- Unique, attractive design
- Complete range with Philips EcoBoost technology coated low-voltage halogen capsule

Product Benefits

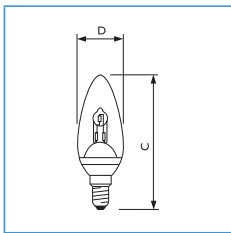
- Retrofit replacement for standard incandescent lamps
- Big energy savings
- Lower replacement costs due to longer burning hours
- Creates a warm, attractive light
- Supports a green environment
- Familiar, incandescent-look design
- Lower cost of ownership compared with incandescent lamps

Environment

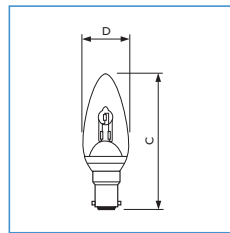
- Excellent environmental choice because of high energy efficiency and long reliable life
- This product is a Philips Green Flagship
- This product is RoHS compliant

Application

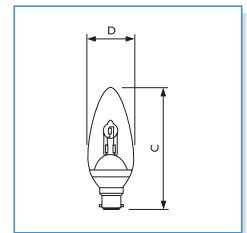
- Replacement for incandescent lamps in most professional and semi-professional applications
- Indoor lighting (e.g. hotels, restaurants, offices)
- Enclosed fixtures required for outdoor applications
- Suitable for emergency lighting with DC supply



Dim. no.	C max.	D max.
1	103	40



Dim. no.	C max.	D max.
2	102.3	40



Dim. no.	C max.	D max.
3	100.8	40

Type	Bulb	Lamp Wattage Rated	Cap-Base	Voltage	Bulb Finish	Colour Rendering Index	Colour Temperature	Luminous flux lamp	Energy Efficiency Label (EEL)	Life to 50% failures	Dim. no.	Packing type/ Packing configuration	Ordering number 8727900...
		(W)		(V)		(Ra)	(K)	(lm)		(h)			
MASTERClassic	B35	13	E14	240	Frosted	100	2850	190	C	3000	1	1CT / 12	807875 00
MASTERClassic	B35	13	E14	240	Clear	100	2850	190	C	3000	1	1CT / 12	807899 00
MASTERClassic	B35	13	E14	230	Frosted	100	2850	190	C	3000	1	1CT / 12	807912 00
MASTERClassic	B35	13	E14	230	Clear	100	2850	190	C	3000	1	1CT / 12	807936 00
MASTERClassic	B35	13	B15	240	Clear	100	2850	190	C	3000	2	1CT / 12	807974 00
MASTERClassic	B35	13	B15	240	Frosted	100	2850	190	C	3000	2	1CT / 12	808049 00
MASTERClassic	B35	13	B22	240	Frosted	100	2850	190	C	3000	3	1CT / 12	808063 00
MASTERClassic	B35	13	B22	240	Clear	100	2850	190	C	3000	3	1CT / 12	808087 00

MASTERColour CDM-TC



Product Description

- Range of single-ended, very compact, high-efficiency, discharge lamps with a stable color over lifetime and a crisp, sparkling light

Product Features

- Crisp white light
- Superior color quality
- Allows very small-size luminaires designs that give high beam intensities

Product Benefits

- Long lamp life compared with incandescent and halogen lamps
- UV-Block quartz outer bulb for reduced fading risks

- Stable color impression over lifetime
- High lamp efficacy results in low operating costs and low heat generation (which enhances comfort for shoppers and staff)

Environment

- Good environmental choice because of high energy efficiency and long reliable life
- This product is RoHS compliant
- This product is covered by WEEE

Application

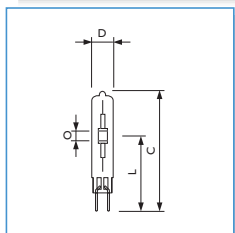
- Accent lighting display lighting with sparkling effect
- General and decorative lighting

Luminaires

- Must be used in closed luminaires with a hard-glass cover

System

- CDM-TC lamps must be used with electronic gear. Only CDM-TC 35/830 can also be used in combination with electromagnetic gear
- A high-current protection device (thermo-switch) in the gear is mandatory (IEC 1167)



C	D	L	O
max.	max.	nom.	nom.
85	15	52	3

Type	Wattage/ Colour Code	Cap- Base	Colour Tempera- ture (K)	Colour Rendering Index (Ra)	Luminous Flux Lamp EL (lm)	Life to 50% failures (h)	Operating Position	Packing type/Packing configuration	Ordering number 8727900...
MASTERColour CDM-TC	20W/830	G8.5	3000	85	1650	12000	any	1CT / 12	803600 00

MASTERAmbiance



Product Description

- Energy-saving lamp approximating the shape of a normal incandescent lamp

Product Features

- Professional long-life energy saving alternative to incandescent lamps
- Almost instant, flicker-free start (<1 s)

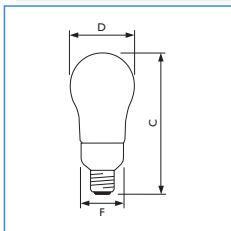
- 80% of nominal light output reached two minutes after switching on
- Almost constant light output (>90%) over recommended temperature range -20 to +40°C

Product Benefits

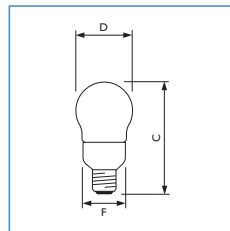
- Light quality and distribution similar to the opalised incandescent lamps
- Gives a soft, diffused light with a high comfort level

Application

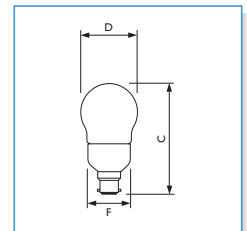
- Designed for incandescent lamp replacement in professional applications (hotels, restaurants, where you want to create an intimate and cosy atmosphere)
- Suitable for applications where lamp is visible
- Enclosed fixtures are required for outdoor applications
- Not suitable for dimming and electronic devices



Dim. no.	C max.	D max.	F max.
1	162.6	75.8	48.1
2	151.6	70.8	48.1



Dim. no.	C max.	D max.	F max.
3	128.1	65.8	48.1
4	137.1	65.8	48.1
5	121.1	60.8	48.1



Dim. no.	C max.	D max.	F max.
6	126.4	65.8	48.1
7	135.4	65.8	48.1
8	119.4	60.8	48.1

Type	Wattage/ Colour Code	Voltage (V)	Colour Designation	Cap- Base	Colour Rendering Index (R _a)	Energy Efficiency Label (EEL)	Luminous flux lamp (lm)	Life to 50% failures (h)	Dim. no.	Packing type/ Packing configura- tion	Ordering number 8711500...
MASTERAmbiance	23W/827	230-240	Warm White	E27	82	A	1380	12000	1	1CH / 6	468024 00
MASTERAmbiance	12W/827	230-240	Warm White	E27	82	A	630	12000	3	1CH / 6	468062 00
MASTERAmbiance	12W/827	230-240	Warm White	B22	82	A	630	12000	6	1CH / 6	468086 00
MASTERAmbiance	16W/827	230-240	Warm White	E27	82	A	900	12000	4	1CH / 6	468109 00
MASTERAmbiance	16W/827	230-240	Warm White	B22	82	A	900	12000	7	1CH / 6	468123 00
MASTERAmbiance	20W/827	230-240	Warm White	E27	82	A	1200	12000	2	1CH / 6	468185 00
MASTERAmbiance	9W/827	230-240	Warm White	E27	82	A	420	12000	5	1CH / 6	871923 00
MASTERAmbiance	9W/827	230-240	Warm White	B22	82	A	420	12000	8	1CH / 6	871947 00

MASTER LED Lamps Dimmable



Product Description

- Ultra-efficient, fully dimmable LED lamps for direct replacement of conventional incandescent, halogen and fluorescent energy-saving lamps for up to 80% energy savings

Product Features

- Lifetime up to 45,000 hours
- Available in a choice of warm or cool white colors from 2700 to 4200K
- MASTER LED GU.10, GU5.3 and NR63 are especially designed for accent lighting, and are available in 25 or 40° spot versions

- Now also available in low-voltage (12V) 4W GU5.3 variant:
 - 45,000 hour lifetime
 - Direct replacement for <20W low-voltage halogen lamps
 - 25° beam angle
 - Fully dimmable (GU5.3 is partly dimmable, can be dimmed to a lesser degree with the existing dimmer)
 - Available in warm or cool white

- Payback period less than 1 year in 18 to 24 hour per day applications

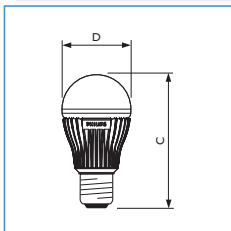
- Attractive warm or cool white light

Application

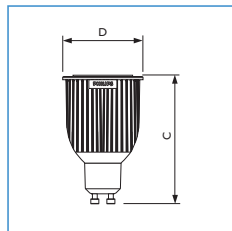
- General and accent lighting with long burning periods where maximum energy efficiency is required

Product Benefits

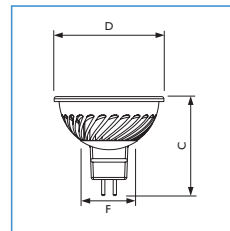
- Easy-to-install 'plug & play' solution; direct replacement for conventional lamps



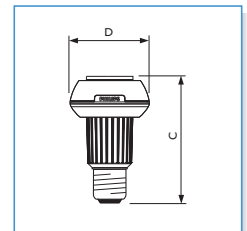
Dim. no.	C nom.	D nom.
1	106.5	55.5



Dim. no.	C nom.	D nom.
2	80.5	50.2



Dim. no. 3



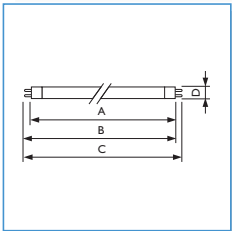
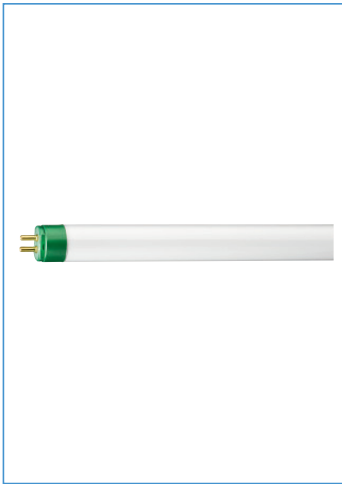
Dim. no.	C nom.	D nom.
4	101	63.3

Type	Wattage (W)	Cap-Base	Bulb	Colour Designation	Colour Rendering Index (Ra)	Beam Angle (°)	Luminous Intensity (cd)	Average Lifetime (h)	Dim. no.	Packing type/ Packing configuration	Ordering number 8727900...
MASTER LED Dimmable	7	E27	A55	Cool White	70			45000	1	1CT / 6	828481 00
MASTER LED Dimmable	7	E27	A55	Warm White	85			45000	1	1CT / 6	828504 00
MASTER LED Dimmable	7	E27	A55	Warm White	85			45000	1	1CT / 6	828603 00
MASTER LED Dimmable	7	GU10	Reflector	Cool White	70	25	800	45000	2	1CT / 6	828627 00
MASTER LED Dimmable	7	GU10	Reflector	Warm White	85	25	500	45000	2	1CT / 6	828641 00
MASTER LED Dimmable	4	GU5.3	MR16	Warm White	85	24	285	45000	3	1CT / 10	819588 00
MASTER LED Dimmable	7	GU10	Reflector	Cool White	70	40	320	45000	2	1CT / 6	828665 00
MASTER LED Dimmable	7	GU10	Reflector	Warm White	85	40	200	45000	2	1CT / 6	828689 00
MASTER LED Dimmable	7	GU10	Reflector	Warm White	85	25	500	45000	2	1CT / 6	828702 00
MASTER LED Dimmable	7	GU10	Reflector	Warm White	85	40	200	45000	2	1CT / 6	828726 00
MASTER LED Dimmable	7	E27	NR63	Cool White	70	25	800	45000	4	1CT / 6	828528 00
MASTER LED Dimmable	7	E27	NR63	Warm White	85	25	500	45000	4	1CT / 6	828542 00
MASTER LED Dimmable	7	E27	NR63	Cool White	70	40	200	45000	4	1CT / 6	828566 00
MASTER LED Dimmable	7	E27	NR63	Warm White	85	40	200	45000	4	1CT / 6	828580 00
MASTER LED Dimmable	4	GU5.3	MR16	Warm White		24	240	45000	3	1CT / 10	819564 00



Office and Industry

MASTER TL5 High Output Eco



Dim. no.	A max.	B min.	C max.	D max.
1	1149.0	1153.7	1156.1	1163.2
2	1449.0	1453.7	1456.1	1463.2

Product Description

- Low-pressure mercury discharge lamps with a tubular 16 mm envelope.

Product Features

- High lamp efficacies up to 109 lm/W
- 10% efficacy gain by improvement of the 3-band fluorescent coating in combination with new filling gas composition and pressure
- Luminous flux as function of lamp ambient temperature is practically equal to that of the equivalent regular TL5 HO lamp
- Designed for operation on electronic drivers only; well suited for dimming
- Maximum light output reached at approximately 35 °C in free-burning position if an electronic driver without additional electrode heating is used
- Ignition temperature range -15 to +50 °C

Product Benefits

- 10% energy saving with the same light levels and light quality as regular TL5 HO lamps
- All benefits of regular TL5 lamps

Environment

- Best environmental choice because of highest available energy efficiency for fluorescent lighting
- Lowest mercury content in the industry and 100% lead-free
- Less material, packaging, weight, transport and recycling volume due to smallest product dimensions
- This product range is RoHS compliant
- This product range is covered by WEEE

Application

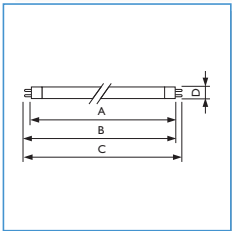
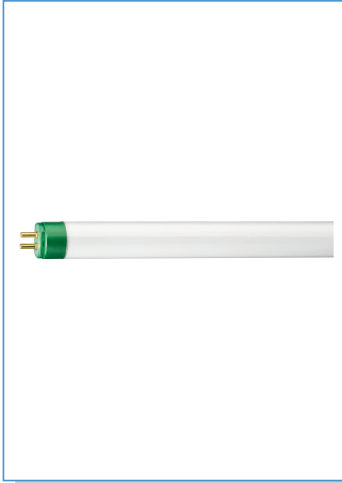
- Offers very economic solutions for high-ceiling lighting in shops, industry and department stores
- The high luminous flux gives optimal results in aesthetic pendants and furniture-mounted luminaires in offices, workshops, restaurants and reception areas

System

- Energy reduction is only achieved with current-controlled gear. The lamps operate perfectly on power-controlled gear, but give 10% more light output instead of using 10% less energy

Type	Wattage/ Colour Code	Cap- Base	Colour Designation	Colour Rende- ring Index	Energy Efficiency Label (EEL)	Luminous Flux Lamp EL 25°C (lm)	Luminous Efficacy EL Top, 35°C (lm/W)	Mercury (Hg) Content (mg)	Dim. no.	Packing type/ Packing configura- tion	Ordering number 8727900...
				(Ra)							
MASTER TL5 HO Eco	50W/830	G5	Warm White	85	A	4400	102	1.4	1	UNP / 40	825909 00
MASTER TL5 HO Eco	50W/840	G5	Cool White	85	A	4400	102	1.4	1	UNP / 40	825916 00
MASTER TL5 HO Eco	45W/830	G5	Warm White	85	A	4100	109	1.4	2	UNP / 40	825947 00
MASTER TL5 HO Eco	45W/840	G5	Cool White	85	A	4100	109	1.4	2	UNP / 40	825954 00
MASTER TL5 HO Eco	73W/830	G5	Warm White	85	B	6150	99	1.4	2	UNP / 40	825961 00
MASTER TL5 HO Eco	73W/840	G5	Cool White	85	B	6150	99	1.4	2	UNP / 40	825978 00

MASTER TL5 High Efficiency Eco



Dim. no.	A max.	B min.	C max.	D max.
1	1149.0	1153.7	1156.1	1163.2
2	1449.0	1453.7	1456.1	1463.2

Product Description

- Low-pressure mercury discharge lamps with a tubular 16 mm envelope

Product Features

- High lamp efficacies up to 114 lm/W
- 10% efficacy gain by improvement of the 3-band fluorescent coating in combination with new filling gas composition and pressure
- Luminous flux as function of lamp ambient temperature is equal to that of the equivalent regular TL5 HE lamp
- Designed for operation on electronic drivers only; well suited for dimming
- Maximum light output reached at approximately 35 °C in free-burning position if an electronic driver without additional electrode heating is used
- Ignition temperature range -15 to +50 °C

Product Benefits

- 10% energy saving with the same light levels and light quality as regular TL5 HE lamp
- All benefits of regular TL5 lamps

Environment

- Best environmental choice because of highest available energy efficiency for fluorescent lighting
- Lowest mercury content in the industry and 100% lead-free
- Less material, packaging, weight, transport and recycling volume due to smallest product dimensions
- This product range is RoHS compliant
- This product range is covered by WEEE

Application

- Ideally suited for recessed, surface-mounted and suspended luminaires e.g. in offices, shops, schools, public buildings and industry (low ceiling), wherever high-quality, energy-efficient lighting is required

System

- Energy reduction is only achieved with current-controlled gear. The lamps operate perfectly with power-controlled gear but give 10% more light output instead of using 10% less energy

Type	Wattage/ Colour Code	Cap- Base	Colour Designation	Colour Rende- ring Index	Energy Efficiency Label (EEL)	Luminous Flux Lamp EL 25°C (lm)	Luminous Efficacy EL Top, 35°C (lm/W)	Mercury (Hg) Content (mg)	Dim. no.	Packing type/ Packing configura- tion	Ordering number 8727900...
MASTER TL5 HE Eco	25W/830	G5	Warm White	85	A	2450	114	1.4	1	UNP / 40	825886 00
MASTER TL5 HE Eco	25W/840	G5	Cool White	85	A	2450	114	1.4	1	UNP / 40	825893 00
MASTER TL5 HE Eco	32W/830	G5	Warm White	85	A	3100	114	1.4	2	UNP / 40	825923 00
MASTER TL5 HE Eco	32W/840	G5	Cool White	85	A	3100	114	1.4	2	UNP / 40	825930 00

Occuswitch



The new Occuswitch - a smart move

Occuswitch is a stand-alone movement detector that switches lights off when an area is vacated – a simple but effective way to achieve energy savings of up to 30% in office buildings, schools and hospitals. Compatible with any type of luminaire or lamp, Occuswitch is a versatile solution for spaces such as offices, storage areas, toilets and lobbies. Occuswitch can even be grouped to cover larger areas, e.g. an open-plan office. Occuswitch is available in a basic version with daylight override and an advanced version with parallel operation and local override. Occuswitch allows an easy and quick installation with Wieland connectors.

Type number	Type description	Quantity per pack	Packs per outer box	Ordering number 8711559...
LCC1070/00	PIR T-CABLE 3P	1	18	731773 99
LRH1070/00	SENSR SURFACE BOX	1	42	731438 99
LRM1070/00	SENSR MOV DET ST	1	42	731384 99
LRM1080/00	SENSR MOV DET ST IR	1	42	731407 99



Luminaire

TCW060

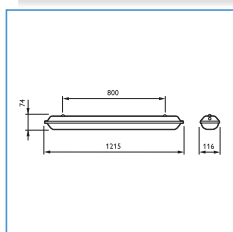


Waterproof TCW060 – just light

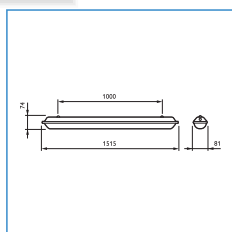
Designed for use in demanding environments, TCW060 is an economical, compact waterproof luminaire. Dedicated versions are available for TL-D and TL5 lamps. Ingress-protected to a level of IP65 and operating solely on electronic gear, this is a competitive energy-saving solution for wet spaces – at the same cost as an electromagnetic solution. A flexible ceiling clip facilitates easy installation and maintenance.

Waterproof TCW060

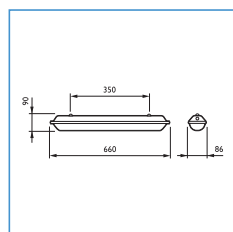
- Light source: Fluorescent:
 - 1 or 2 x MASTER TL-D / G13 / 18, 36, 58 W
 - 1 or 2 x MASTER TL5 / G5 / 28, 35 W
- Lamp included: No
- Gear: Electronic, 220 - 240 V / 50 - 60 Hz:
 - High Frequency (HF)
- Optical cover: Polycarbonate, prismatic (PCP)
- Connection: SCREW connector (SCREW)
- Material:
 - Housing: polycarbonate, grey
 - Cover: polycarbonate, UV-resistant
 - Ceiling clips: stainless steel
 - Cover clips: polycarbonate, grey
- Installation: Surface mounted
- Operating temperature:
 - 5°C < T_a < 25°C
- Maintenance: Hingeable cover for easy lamp replacement
- Main applications: Wet environments, light industries, parking garages



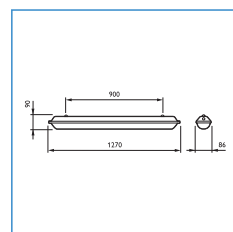
Dim. no. 1



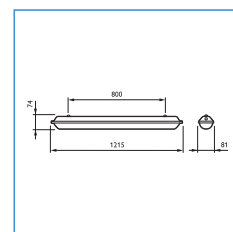
Dim. no. 2



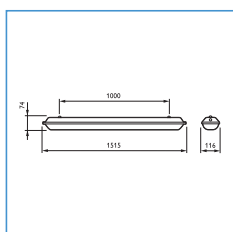
Dim. no. 3



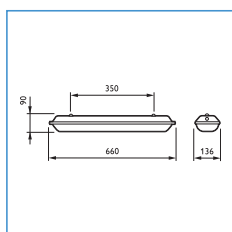
Dim. no. 4



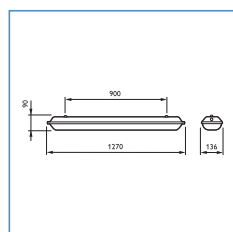
Dim. no. 5



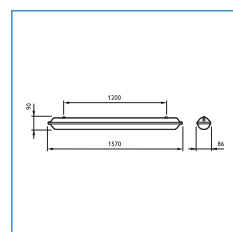
Dim. no. 6



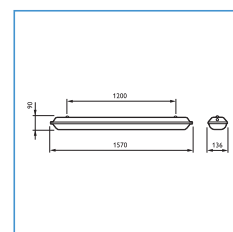
Dim. no. 7



Dim. no. 8



Dim. no. 9



Dim. no. 10

Type	Dim. no.	Ordering number 8711559...
TCW060 1xTL-D18W	3	813776 99
TCW060 1xTL-D36W	4	813790 99
TCW060 1xTL-D58W	9	813813 99
TCW060 1xTL5-28W	1	813837 99
TCW060 1xTL5-35W	2	813851 99
TCW060 2xTL-D18W	7	813783 99
TCW060 2xTL-D36W	8	813806 99
TCW060 2xTL-D58W	10	813820 99
TCW060 2xTL5-28W	5	813844 99
TCW060 2xTL5-35W	6	813868 99

Pentura Mini



Pentura Mini – ultra-slim decorative batten

Pentura Mini TCH128 is an ultra-slim decorative batten for domestic applications. A cost-effective, ready-to-install mini fluorescent solution. Pentura Mini TCH128 offers the energy-saving benefits of miniature fluorescent lamp technology coupled with lightweight electronics and a patented internal reflector for improved lighting performance. The batten is easy to install e.g. over worktops and workstations in the home, home office and recreational environments, etc. it

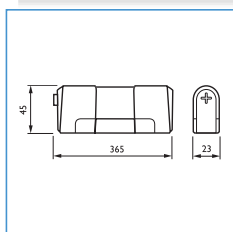
provides bright light where needed even where installation space is limited.

Pentura Mini TCH128 battens are fitted with lamp, tough polycarbonate diffuser and all fixing accessories, reducing installation time to a minimum. The battens are through-wired with removeable end-caps at both ends covering the push-button connection blocks for simple connection and through-wiring.

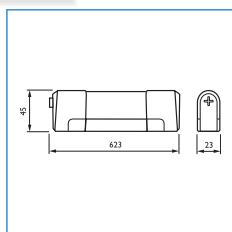
Pentura Mini

- Light source: Fluorescent:
- 1 x TL5-Essential 8, 14, 21, 28, 35 W

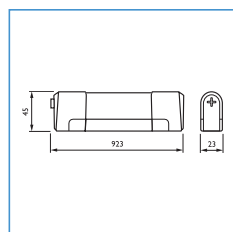
- Lamp included: Yes (lamp color 830 or 840, 8 W version is 827)
- Gear: Electronic, 220 - 240 V / 50 - 60 Hz:
- High Frequency (HF)
- Material:
- Housing and end caps: polycarbonate, white
- Cover: polycarbonate, transparent
- Installation: Individual or in-line; screw mounting
- Remarks: All installation accessories included; ready to install
- Main applications: Home, undershelf, task lighting



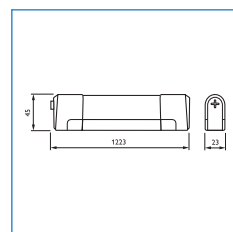
Dim. no. 1



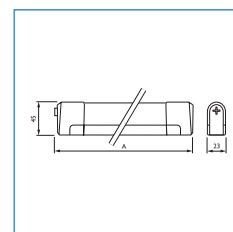
Dim. no. 2



Dim. no. 3



Dim. no. 4



Dim. no. 5

Type	Dim. no.	Ordering number 8711559...
TCH128 1xTL5-14W/830	2	148526 99
TCH128 1xTL5-14W/840	2	148519 00
TCH128 1xTL5-14W/840	2	148519 99
TCH128 1xTL5-21W/830	3	148540 99
TCH128 1xTL5-21W/840	3	148533 99
TCH128 1xTL5-28W/830	4	148564 99
TCH128 1xTL5-28W/840	4	148557 99
TCH128 1xTL5-35W No	5	815176 99
TCH128 1xTL8W/827	1	806631 99
TCH128 1xTL8W/840	1	806624 99

Pentura Mini CC



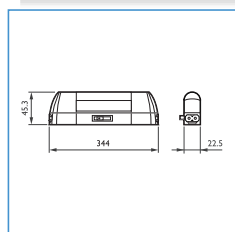
Pentura Mini CC – brighten your workload

Pentura Mini CC TCH129 is an ultra-slim decorative batten for domestic applications. This cost-effective, ready-to-install solution offers the energy-saving benefits of miniature fluorescent lamp technology coupled with lightweight electronics and a patented internal reflector for improved lighting performance. Pentura Mini CC TCH129 is fitted with plug-and-socket connections and an on/off switch for individual operation over worktops and workstations in the home, home office and recreational environments.

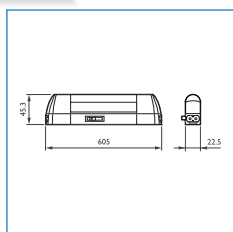
Pentura Mini CC

- Light source: Fluorescent:
- 1 x TL5 Essential 8, 14, 21, 28, 35 W
- Lamp included: Yes (lamp color 830 or 840, 8 W version is 827)
- Gear: Electronic, 220 - 240 V / 50 - 60 Hz:
- High Frequency (HF)
- Material:
- Housing and end caps: polycarbonate, white
- Cover: polycarbonate, transparent

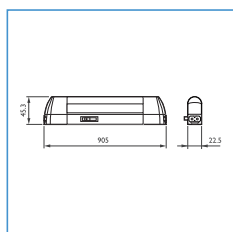
- Installation: Individual or in-line; screw mounting
- Remarks: All installation accessories included; ready to install
- Main applications: Home, undershelf, task lighting



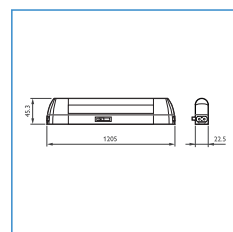
Dim. no. 1



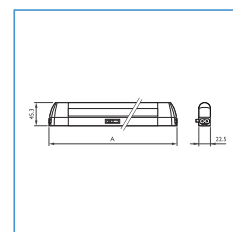
Dim. no. 2



Dim. no. 3



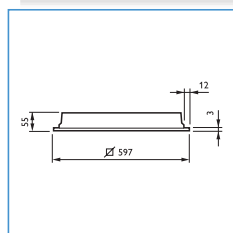
Dim. no. 4



Dim. no. 5

Type	Dim. no.	Ordering number 8711559...
TCH129 1xTL5-14W/830	2	008745 99
TCH129 1xTL5-14W/840	2	008738 99
TCH129 1xTL5-21W/830	3	008769 99
TCH129 1xTL5-21W/840	3	008752 99
TCH129 1xTL5-28W/830	4	008783 99
TCH129 1xTL5-28W/840	4	008776 99
TCH129 1xTL5-35W No	5	815183 99
TCH129 1xTL8W/827	1	806617 99
TCH129 1xTL8W/840	1	806600 99

TBS165

**TBS165 recessed luminaire - just light**

The TBS165 TL5 luminaire range is a dedicated basic choice of lighting that enables energy savings to be made when old electromagnetic installations are replaced by Philips TL5 technology.

The range can be applied as general lighting in various applications including offices in corridors, schools and shops (supermarkets, DIY). Used in combination with the high-frequency gear and Philips MASTER TL5 lamps, the TBS165 allows for substantial energy savings to be made. It is a square modular luminaire that only measures 55 mm in height, have a very flat rim and fits in 600 mm module grids in expose concealed and plaster ceilings. The low-weight TBS165 has an external connection and pre-installed lamps.

- Ceiling grid: Module size: 600 mm
- Light source: Fluorescent: -3 or 4 x MASTER TL5 / G5 / 14 W
- Lamp included: -Yes (lamp color 840 or 830 (optional)) -No
- Gear: Electronic, 220 - 240 V / 50 - 60 Hz: -High Frequency Performer (HF)
- Optic: -High-gloss aluminum louver with matt cross lamellae (C3) -Matt aluminum louver with white lamellae (M1) -White prelacquered steel louver with cross lamellae (L1)
- Connections (outside housing): -Push in connection (PI) -Wieland 3 or 4 pole (W, W4)
- Options: -Emergency lighting, 3 hours (EL3) -Safety cable (SC)
- Material: -Housing: prepainted steel, RAL9016 based
- Installation: -Mineral tiles: exposed 24 mm, exposed 15 mm and concealed -Metal panels: clip-in and lay-in -Plaster ceiling
- Accessories: Suspension bracket (ZBS160 MB) and plaster clip (ZGS260 PLA)
- Main applications: Office, schools and shops

Type	Ordering number 8727900...
TBS165 3xTL5-14W HFP C3	575798 00
TBS165 3xTL5-14W HFP L1	575774 00
TBS165 3xTL5-14W HFP M1	575781 00
TBS165 3xTL5-14W/830 HFP C3 PI	578942 00
TBS165 3xTL5-14W/830 HFP L1 PI	578959 00
TBS165 3xTL5-14W/830 HFP M1 PI	578966 00
TBS165 3xTL5-14W/840 HFP C3 PI	578447 00
TBS165 3xTL5-14W/840 HFP C3 W	581416 00
TBS165 3xTL5-14W/840 HFP L1	575811 00
TBS165 3xTL5-14W/840 HFP L1 EL3	575804 00
TBS165 3xTL5-14W/840 HFP L1 PI	578461 00
TBS165 3xTL5-14W/840 HFP M1 PI	578454 00
TBS165 4xTL5-14W HFP C3	575712 00
TBS165 4xTL5-14W HFP L1	575552 00
TBS165 4xTL5-14W HFP M1	575637 00
TBS165 4xTL5-14W/830 HFP C3 PI	578973 00
TBS165 4xTL5-14W/830 HFP L1 PI	578980 00
TBS165 4xTL5-14W/830 HFP M1 PI	578997 00
TBS165 4xTL5-14W/830 HFP M2	577808 00
TBS165 4xTL5-14W/840 HFP C3	575729 00
TBS165 4xTL5-14W/840 HFP C3	575750 00
TBS165 4xTL5-14W/840 HFP C3 EL3	575743 00
TBS165 4xTL5-14W/840 HFP C3 PI	575736 00
TBS165 4xTL5-14W/840 HFP C3 W	575767 00
TBS165 4xTL5-14W/840 HFP L1	575569 00
TBS165 4xTL5-14W/840 HFP L1	575590 00
TBS165 4xTL5-14W/840 HFP L1	575606 00
TBS165 4xTL5-14W/840 HFP L1 EL3	575583 00
TBS165 4xTL5-14W/840 HFP L1 EL3	575620 00
TBS165 4xTL5-14W/840 HFP L1 PI	575576 00
TBS165 4xTL5-14W/840 HFP L1 W	575613 00
TBS165 4xTL5-14W/840 HFP M1	575644 00
TBS165 4xTL5-14W/840 HFP M1	575675 00
TBS165 4xTL5-14W/840 HFP M1	575682 00
TBS165 4xTL5-14W/840 HFP M1 EL3	575668 00
TBS165 4xTL5-14W/840 HFP M1 EL3	575705 00
TBS165 4xTL5-14W/840 HFP M1 PI	575651 00
TBS165 4xTL5-14W/840 HFP M1 W	575699 00
TBS165 3xTL5-14W/840 HFP C3 W SC	581409 00

TCS165



TCS165 – just light

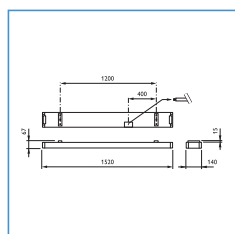
The TCS165 surface-mounted and suspended luminaire is Philips' basic choice of lighting. It is a dedicated TL5 luminaire based on HF ballasts (most energy-efficient solution), enabling you to save up to 25% on energy compared to conventional luminaires.

The range can be applied as general lighting in various applications including offices in corridors, schools and shops (supermarkets, DIY). The TCS165 surface-mounted and suspended luminaire is available in 2-lamp and 4-lamp version. The luminaire has a push in connection and is available with and without lamp.

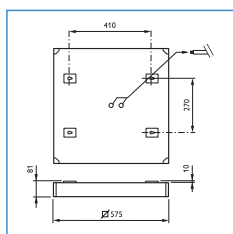
- Light source: Fluorescent:
 - 3 or 4 x MASTER TL5 / G5 / 14, 28, 35, 49 W
- Lamp included:
 - Yes (lamp color 830 or 840)
 - No
- Gear: Electronic, 220 - 240 V / 50 - 60 Hz:
 - High Frequency (HF)
- Optic:
 - High-gloss aluminum louver with matt cross lamellae (C3)

- Matt aluminum louver with white lamellae (M1)
- White prelacquered steel louver with cross lamellae (L1)

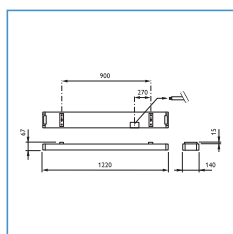
- Connection:
 - Push in connection (PI)
- Material:
 - Housing: prepainted steel, RAL9016 based
 - Corners, end caps: polycarbonate
- Installation:
 - Surface mounted: individual screw mounting or optional with suspension accessories
 - 2-lamp version:
 - KIT version: lamps included + push-in connector outside housing
 - Non-KIT version: no lamps included (electrical connection inside housing)
 - 4-lamp version: Lamps yes/not included (electrical connection inside housing)
- Accessories: Suspension sets; ZCS165 SMS and ZCS165 SMS KIT
- Main applications: Office, schools and shops



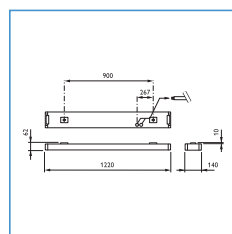
Dim. no. 1



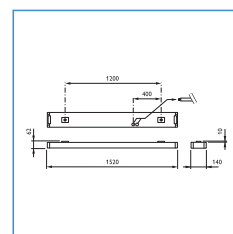
Dim. no. 2



Dim. no. 3



Dim. no. 4



Dim. no. 5

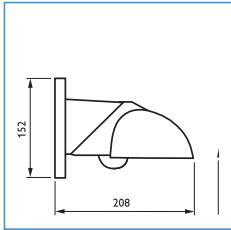
Type	Dim. no.	Ordering number 8727900...
TCS165 2xTL5-28W HFS No	4	624182 00
TCS165 2xTL5-28W HFS No	4	624427 00
TCS165 2xTL5-28W HFS No	4	624526 00
TCS165 2xTL5-28W/830 HFS C3 KIT	3	624380 00
TCS165 2xTL5-28W/830 HFS C3 PVCFR KIT	3	624137 00
TCS165 2xTL5-28W/830 HFS L1 KIT	3	623949 00
TCS165 2xTL5-28W/830 HFS L1 PVCFR KIT	3	624199 00
TCS165 2xTL5-28W/830 HFS M1 KIT	3	624021 00
TCS165 2xTL5-28W/830 HFS M1 PVCFR KIT	3	624366 00
TCS165 2xTL5-28W/840 HFS C3 KIT	3	624410 00
TCS165 2xTL5-28W/840 HFS L1 KIT	3	624212 00
TCS165 2xTL5-28W/840 HFS M1 KIT	3	624106 00
TCS165 2xTL5-35W HFS No	5	624236 00
TCS165 2xTL5-35W HFS No	5	624434 00
TCS165 2xTL5-35W HFS No	5	624076 00
TCS165 2xTL5-35W/830 HFS C3 KIT	1	624472 00
TCS165 2xTL5-35W/830 HFS C3 PVCFR KIT	1	624038 00
TCS165 2xTL5-35W/830 HFS L1 KIT	1	623956 00
TCS165 2xTL5-35W/830 HFS L1 PVCFR KIT	1	624359 00
TCS165 2xTL5-35W/830 HFS M1 KIT	1	624311 00
TCS165 2xTL5-35W/830 HFS M1 PVCFR KIT	1	624298 00
TCS165 2xTL5-35W/840 HFS C3 KIT	1	624014 00
TCS165 2xTL5-35W/840 HFS L1 KIT	1	624090 00
TCS165 2xTL5-35W/840 HFS M1 KIT	1	624168 00
TCS165 2xTL5-49W HFS No	5	624304 00
TCS165 2xTL5-49W HFS No	5	624342 00
TCS165 2xTL5-49W HFS No	5	624403 00
TCS165 2xTL5-49W/830 HFS C3 KIT	1	624335 00
TCS165 2xTL5-49W/830 HFS C3 PVCFR KIT	1	624083 00
TCS165 2xTL5-49W/830 HFS L1 KIT	1	623963 00
TCS165 2xTL5-49W/830 HFS L1 PVCFR KIT	1	624373 00
TCS165 2xTL5-49W/830 HFS M1 KIT	1	624281 00
TCS165 2xTL5-49W/830 HFS M1 PVCFR KIT	1	624458 00
TCS165 2xTL5-49W/840 HFS C3 KIT	1	623970 00
TCS165 2xTL5-49W/840 HFS L1 KIT	1	624144 00
TCS165 2xTL5-49W/840 HFS M1 KIT	1	624250 00

More data see next page

(continued)

Type	Dim. no.	Ordering number 8727900...
TCS165 4xTL5-14W HFS No	2	624229 00
TCS165 4xTL5-14W HFS No	2	624328 00
TCS165 4xTL5-14W HFS No	2	624175 00
TCS165 4xTL5-14W/830 HFS C3 No	2	623932 00
TCS165 4xTL5-14W/830 HFS L1 No	2	624120 00
TCS165 4xTL5-14W/830 HFS M1 No	2	624441 00
TCS165 4xTL5-14W/830 HFS No	2	624045 00
TCS165 4xTL5-14W/830 HFS No	2	624069 00
TCS165 4xTL5-14W/830 HFS No	2	624496 00
TCS165 4xTL5-14W/840 HFS No	2	624007 00
TCS165 4xTL5-14W/840 HFS No	2	624151 00
TCS165 4xTL5-14W/840 HFS No	2	624243 00

Nyte Watch



Product Description

NyteWatch is the next generation of motion-sensing security lighting and combines precision control with cut-off distribution for reduced glare and light pollution. The built-in automatic sensitivity control keeps the sensor at optimum performance level regardless of the ambient temperature. NyteWatch's compact, smooth architectural design blends in with any environment. The unit features an adjustable tilt between cut-off (0°) to forward throw ($+ 30^{\circ}$) and offers considerable flexibility in mounting.

Product Features

- Compact, smooth architectural design
- Adjustable tilt between cut-off (0°) to forward throw ($+ 30^{\circ}$)
- Flexibility in mounting

Product Benefits

- Reduced glare and light pollution
- Sensor has optimum performance level regardless of the ambient temperature

Environment

- Class 1
- IP44
- IK06
- 850°C Glow wire degree
- Approbation : CE

Application

- Outdoor
- Motion sensor lighting : garage doorways, house fronts, entrance portals, small private parking, security lighting.

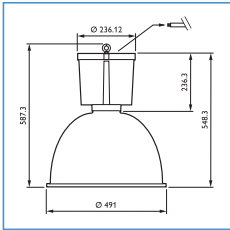
Type

RWP120 2xClickline 40W 220-240V

RWP120 2xClickline 60W 220-240V

RWP120 2xClickline 75W 220-240V

HPK 080



Product Description

High-bay HPK080 is a dedicated industrial high-bay luminaire designed by Philips Design. Because of its symmetrical shape, the HPK080 is ideal for repetition. Protected to a level of IP65, no dust or water can enter the luminaire. High-bay HPK080's excellent price/performance ratio makes it an attractively economical solution for industry.

Product Features

- Protected to a level of IP65
- Dedicated Philips design

Product Benefits

- Usable in industrial applications
- Good price/performance ratio

Environment

- Class 1
- IP65
- IK8
- 850 °C Glow wire degree
- Approbation : CE
- Norm: EN60598

Application

- Indoor
- Industry, larger retail outlets, manufacturing facilities

Type	12NC	Ordering number 8711559...
HPK080 1xHPI-P 250W BU IC R GC	910503611618	815220 00
HPK080 1xHPI-P 400W BU IC R GC	910503611718	815237 00
HPK080 1xSON 250W IC R GC	910503611818	815244 00
HPK080 1xSON 400W IC R GC	910503611918	815251 00

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