

# Surface Mounted Luminaires

Centura  
TCS 098



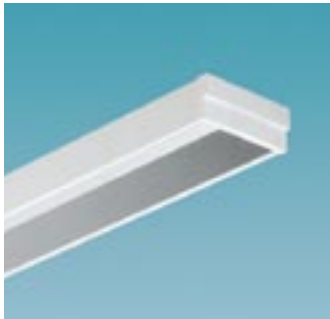
TCS 098 236 L



TCS 098 236 C3



TCS 098 236 ML



TCS 098 136 AS



TCS 098 236 C1



## TCS 098

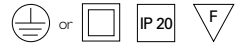
Low-cost luminaire for 'TL'D fluorescent lamp(s) with choice of 5 optics (L, C1, C3, ML, AS). Dedicated Class II versions are also available. Optics supplied with the luminaire.

### Applications

- 'Lobby' office spaces
- Recreational areas
- Public buildings, schools, and hospitals
- Discount stores, hyper-/supermarkets, Do-it-yourself shops
- Department stores, fashion shops
- Normal industries

### Technical description

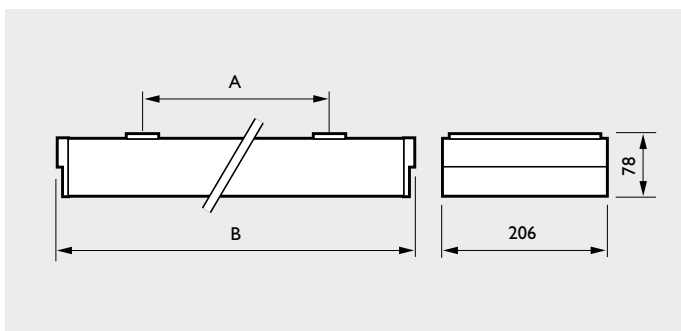
Gear/power supply:  
HF (optional): 220 V - 240 V  
Conventional: 230 V or 240 V  
Lamps: 1 and 2 'TL'D fluorescent  
Housing: white pre-lacquered steel with PC/ABS end-caps



The Philips Environmental product design rules, are used to develop the Centura TCS 098.

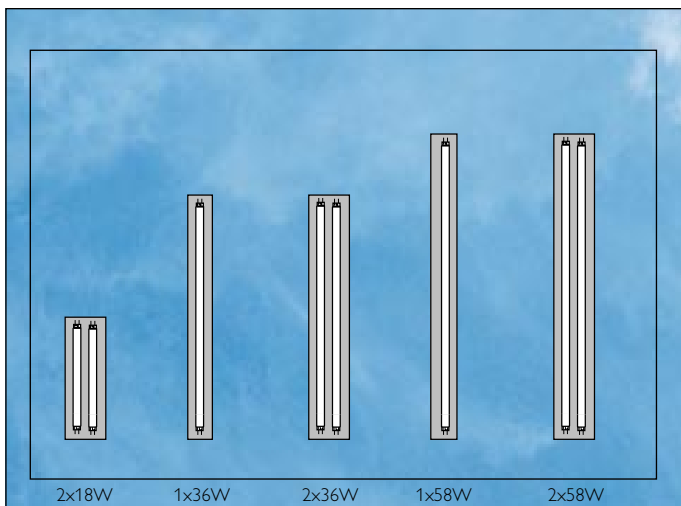


**PHILIPS**



Dimensions in mm

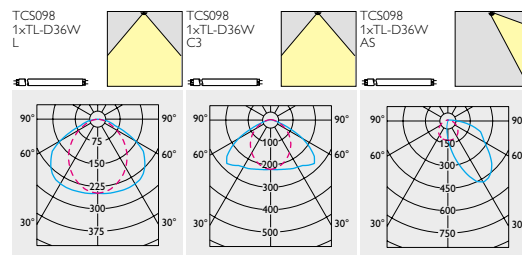
Type	A	B
TCS 098 2x18 W	450	641
TCS 098 1-2x36 W	900	1241
TCS 098 1-2x58 W	1200	1541



## Luminaire programme

Type	Weight (kg)	L.O.R.
TCS098 2xTL-D18W I L	2.04	0.52
TCS098 1xTL-D36W IC L	3.18	0.69
TCS098 2xTL-D36W IC C1	3.72	0.54
TCS098 2xTL-D36W IC ML	4.04	0.49
TCS098 1xTL-D58W IC AS	4.06	0.68
TCS098 1xTL-D58W I L	3.85	0.67
TCS098 1xTL-D58W HF-B C3	2.90	0.66
TCS098 2xTL-D58W D L	5.36	0.52
TCS098 2xTL-D58W IC C1	5.06	0.51
TCS098 2xTL-D58W IC C3/CLII	6.40	0.53
TCS098 2xTL-D58W HF-P L	3.84	0.52
TCS098 2xTL-D58W I L/EL3	6.30	0.52

For optic description see optic specifications

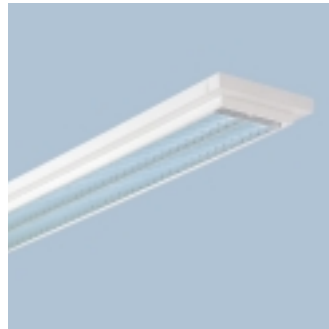




TCS 600 128 D7-60



TCS 600 C7-60



TCS 600 MD

## TCS 600

High-performance, miniature luminaire with innovative stylish design for 'TL'5 fluorescent lamp(s), with a choice of 4 optics of which two are Omni-directional Luminance Control (OLC) optics. Developed with ease of installation in mind, it is the first surface-mounted luminaire which can be mounted without removing the optic and lamp during installation. Lamp(s) and optics supplied with the luminaire. Also suitable for suspended mounting, with direct/indirect lighting (D/I).

### Classifications

IP 20  
Class I  
Complies with IEC 598 and



### Main applications

- Representative offices
- Conference rooms
- Small offices
- General open plan offices
- Dataprocessing offices
- Reception and public service areas
- Corridors and staircases
- Recreational areas (restaurants, cafeterias)
- Department stores, fashion shops
- Small independent food/non-food shops
- Specific areas

### Features

- Excellent lighting performance (new Omni-directional OLC optics).
- Reduced energy consumption (high frequency gear of TL-5 system and TL-5 lamps).
- Ease of installation (TCS 600 luminaires can be installed without removing optic/lamp).
- Innovative shape of lamellae.
- Attractive and minimised design of housing.
- Individual or in-line mounting.

### Materials and finish

Housing: fiber-glass-reinforced polyester.  
Diffuser: clear polycarbonate or acrylic.  
Clips: stainless steel.

### Installation and mounting

Mounting: individual or in-line.  
Method: holes for (wood) screw fixing; installation without removing lamps or optics, with minimum of tools.

### Accessories

Coupling pieces, suspension accessories including straight coupling pieces and complete suspension sets.

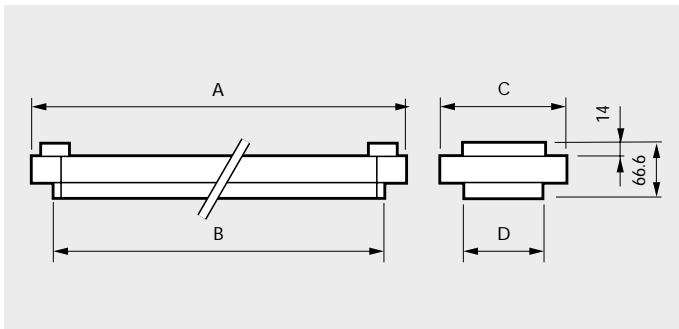
### Options

Includes fuse. Emergency lighting is 3 hours.



TCS 600 MD de Luxe

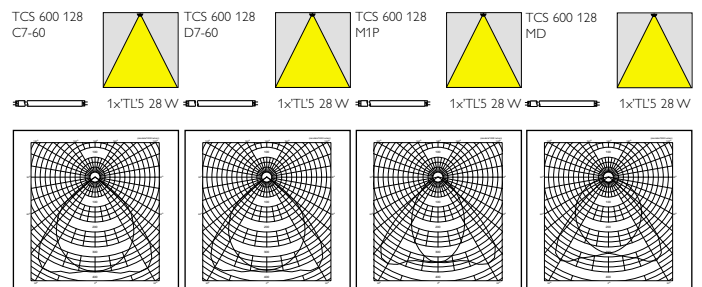
**TCS 600 MD de Luxe**  
Decorative version of TCS 600 MD optic in combination with perforated side panels for an extra decorative effect.  
Delivery on request.



Dimensions in mm

Type	Lamp	Net Wt. (kg)	Packing dimensions (mm)	Qty per box	Ordering number
TCS600/HF-P C7/60	1 x TL5 28W			1	9104 015 52003
TCS600/HF-P D7/60	1 x TL5 28W			1	9104 015 52103
TCS600/HF-P M1P	1 x TL5 28W			1	9104 015 52403
TCS600/HF-P MD	1 x TL5 28W			1	9104 015 51803
TCS600/HF-P D7/60	1 x TL5 28W			1	9104 015 51103
TCS600/HF-P C7/60	1 x TL5 35W			1	9104 015 50803
TCS600/HF-P D7/60	1 x TL5 35W			1	9104 015 52203
TCS600/HF-P M1P	1 x TL5 35W			1	9104 015 51703
TCS600/HF-P MD	1 x TL5 35W			1	9104 015 50903
TCS600/HF-P C7/60	2 x TL5 28W			1	9104 015 51603
TCS600/HF-P D7/60	2 x TL5 28W			1	9104 015 52503
TCS600/HF-P M1P	2 x TL5 28W			1	9104 015 51903
TCS600/HF-P D7/60	2 x TL5 28W			1	9104 015 51403
TCS600/HF-P C7/60	2 x TL5 35W			1	9104 015 50703
TCS600/HF-P C7/60	2 x TL5 35W			1	9104 015 51503
TCS600/HF-P D7/60	2 x TL5 35W			1	9104 015 52303
TCS600/HF-P M1P	2 x TL5 35W			1	9104 015 51203
TCS600/HF-P MD	2 x TL5 35W			1	9104 015 51003
TCS600/HF-P D7/60	2 x TL5 35W			1	9104 015 51303

All 230V/50Hz. Other voltages/Hz are available on request.





TCS 605

Dimensions in mm



TCS 605

### TCS 605

The TCS 605 is a surface-mounted or suspended luminaire of extremely flat design for individual mounting or for configurations. The low glare aluminum louvre with specific lighting distribution provides pleasant lighting environment.

The rounded housing gives rise to a perimeter shadow, which reduces contrast between luminaire and ceiling increasing comfort for users. When the luminaire is pendant mounted, its flat design makes an attractive impression.

### Classifications

IP 20  
Class I  
Compliance with IEC 598

### Main applications:

- Schools
- Offices
- Shops
- Banking halls
- Showrooms
- Meeting rooms
- Lecture areas

### Features

The extreme flat design is suitable for surface mount and suspension.

- M5 double parabolic matt-anodize aluminum reflector.
- White powder painted with plastic end caps.
- Suitable for single or twin lamp version.

### Installation and Mounting

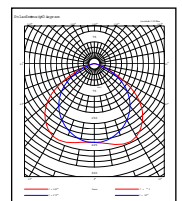
Rapid installation by using two keyholes with distance 950mm.

### OPTIONAL

- Fused terminal block.
- The versions with TL5 lamps are available on request.

Dimensions (In mm)			
Type	L	W	H
TCS 605 136 IC + M5	1243	243	63
TCS 605 136 HFP + M5	1243	243	63
TCS 605 236 IC + M5	1243	243	63
TCS 605 236 HFP + M5	1243	243	63
TCS 605 158 IC + M5	1542	243	63
TCS 605 258 HFP + M5	1542	243	63

TCS 605





TCS 607

### TCS 607

The TCS 607 is a surface-mounted or suspended luminaire with an extremely flat design, and an asymmetrical light output for individual mounting or for configurations. The asymmetric feature provides good uniformity to wash the walls for exhibition display and widely applies for black or white board in schools.

The round housing gives rise to a perimeter shadow, which reduces contrast between the luminaires and the ceiling. The luminaire uses a single tube integrated with an asymmetrical mirror controller.

### Classifications

IP 20  
Class I  
Compliance with IEC 598

### Main applications:

- Schools
- Museums
- Shops
- Gallery
- Showrooms
- Corridors

### Features

The extreme flat design is suitable for surface mount and suspension.

- Special design matt-anodized aluminum reflector:
- White powder painted with plastic end caps.
- Single lamp.

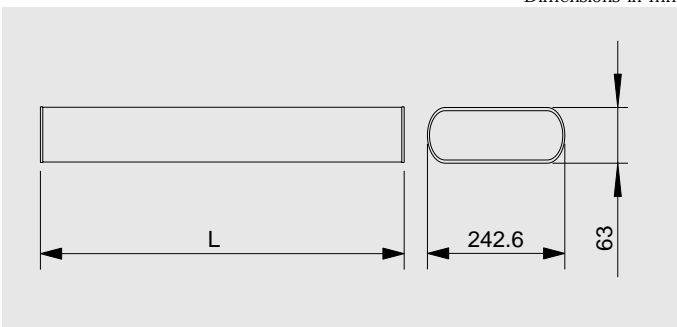
### Installation and Mounting

Rapid installation by using two keyholes with distance 950mm. Recommended distance-to-wall/ceiling-height ratio: approx. 1.3

### OPTIONAL

- Fused terminal block.
- The versions with TL5 lamps are available on request.

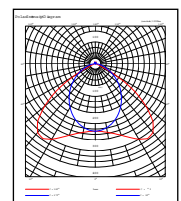
Dimensions in mm



TCS 607

Dimensions (In mm)			
Type	L	W	H
TCS 607 136 IC	1243	243	63
TCS 607 136 HFP	1243	243	63
TCS 607 158 IC	1542	243	63
TCS 607 158 HFP	1542	243	63

TCS 607





TCS 630 314 D7

## TCS 630

High-performance, miniature square luminaire with innovative low-depth (only 60mm) design for 'TL'5 fluorescent lamps, with a choice of 4 optics of which two are Omni-directional Luminance Control (OLC) optics. Lamps and optics supplied with the luminaire. Choice of infill plates (perforated or closed).

### Classifications

IP 20  
Class I  
Complies with IEC 598 and 

### Main applications

- Representative offices
- Conference rooms
- Small offices
- General open plan offices
- Dataprocessing offices
- Reception and public service areas
- Corridors and staircases
- Recreational areas (restaurants, cafeterias)
- Department stores, fashion shops
- Small independent food/non-food shops
- Specific areas

### Features

- Excellent lighting performance (new Omni-directional OLC optics)
- Reduced energy consumption (high frequency gear of TL-5 system & TL-5 lamps)
- Ease of installation (TCS 600 luminaires can be installed without removing optic/lamp)
- Innovative shape of lamellae
- Attractive and minimised design of housing

### Materials and finish

Housing: white sheet steel.  
Optic: pre-anodized sheet aluminium with specular, semi-specular or matt finish.

### Installation and mounting

Mounting: individual.  
Method: holes for (wood) screw fixing.



TCS 630 C7



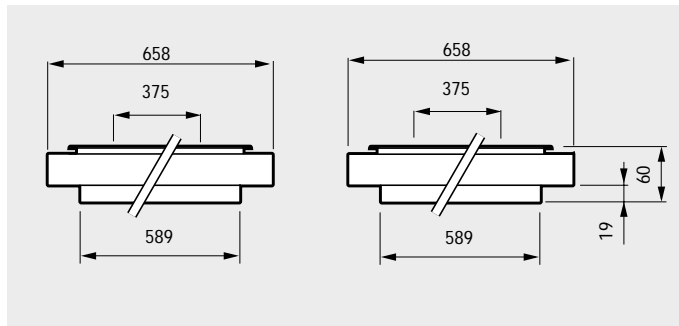
TCS 630 M1P



TCS 630 MD



Holes for fixation of the luminaire to any ceiling



Dimensions in mm

Type	Lamp	Net Wt. (kg)	Qty per box	Ordering number
TCS630 HF-P D7/60P	3 x 'TL'5-14W/830	1	1	910401550603
TCS630 HF-P D7/60P	4 x 'TL'5-14W/830	1	1	910401550403
TCS630 HF-P M1P P	4 x 'TL'5-14W/830	1	1	910401550303

All 230V/50Hz. Other voltages/Hz are available on request

