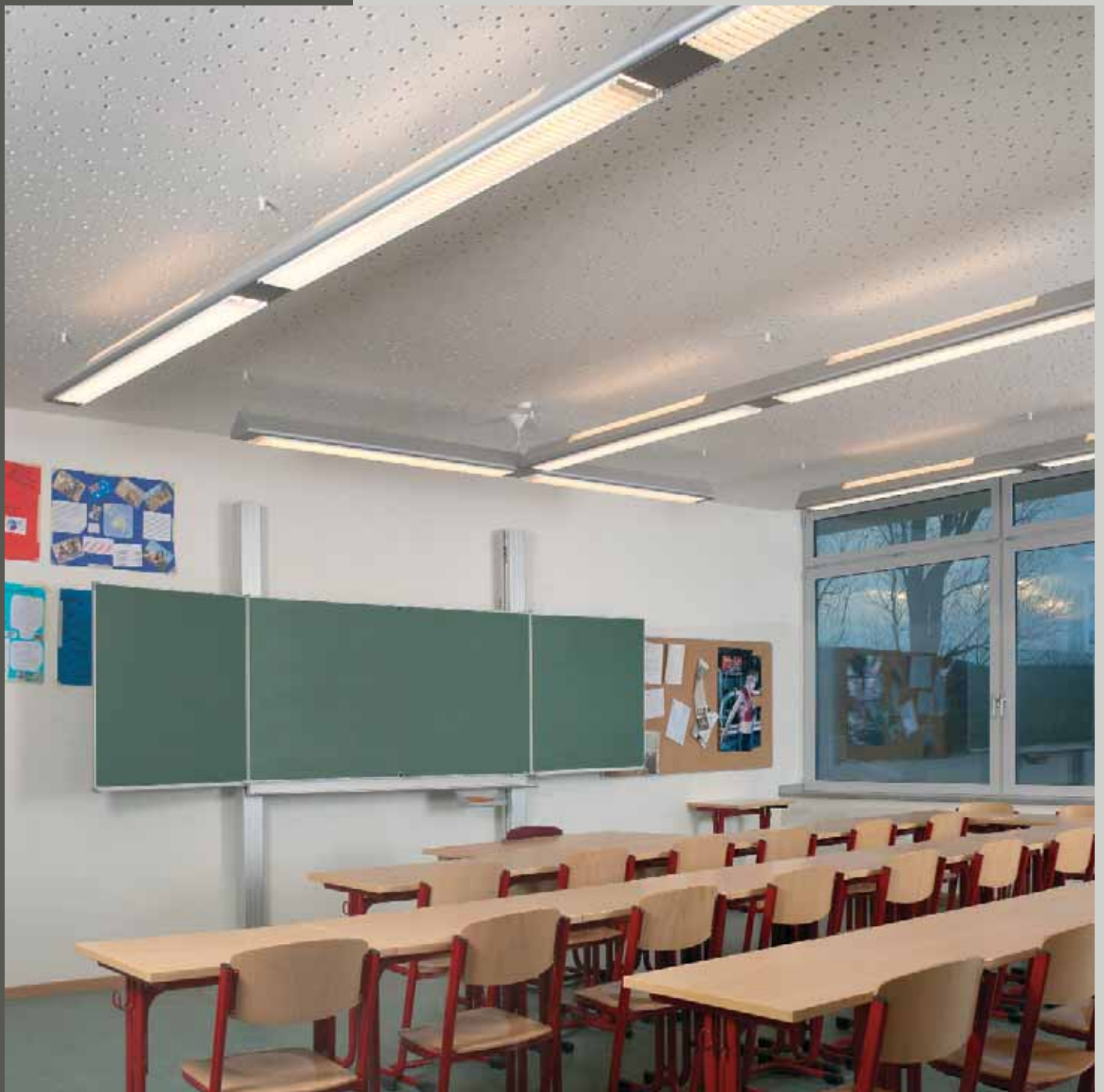
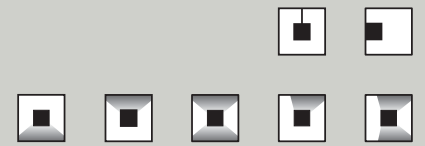
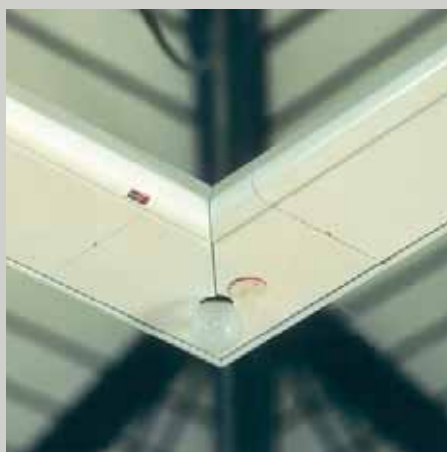
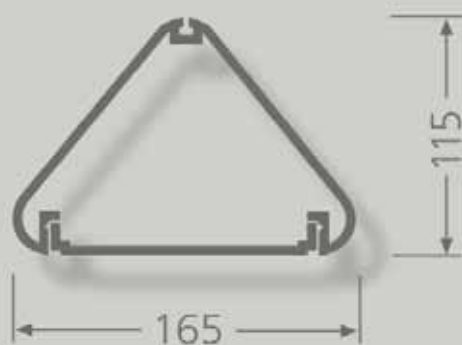


# System 165

Modelos / Models



# System 165



- El triángulo es una de las formas básicas de la arquitectura. Combina función y técnica en su forma ideal.

- Obviamente, diseñamos luminarias de radiación indirecta, directa/ indirecta o directa.

- Las luminarias con diseño elegante para lámparas fluorescentes Ø 26 mm, Ø 16 mm y lámparas fluorescentes compactas TC-L permiten innumerables variaciones. Igualmente posibles son las combinaciones con carriles electrificados y puntos de acceso de bajo voltaje

- Luminarias con balastos electrónicos. Posibilidad de incorporar componentes para sistemas de control de luz o detectores de presencia.

- Posibilidad de aplicar el tipo de protección IP 33

- Cableado pasante de 5 polos 1,5<sup>2</sup> sobre borne de enchufe.

- The triangle is one of the most important forms in architecture. It is an ideal link between function and technology.

- Fittings are available for indirect, direct/indirect or direct illumination.

- Innumerable combinations of pleasing design are possible with T8 fluorescent tubular and compact lamps. Combinations with conductor tracks and low voltage outlets are also possible.

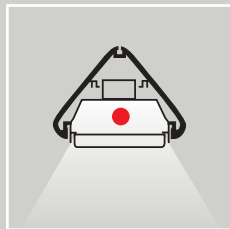
- Luminaires include electronic ballasts. Alternatively, components lighting-control systems or sensors for presence detection can be built in.

- Available in IP 33 rating.

- 5 x 1,5<sup>2</sup> through-wiring with plug-in connectors.

# System 165

directa  
direct



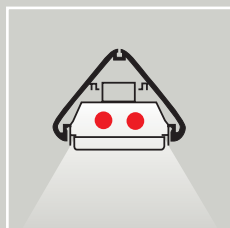
⊕ - 1 lámpara, balastro electrónico

- Módulo metálico blanco
- Luminarias sin placas terminales y sin suspensión

- 1-lamp, electronic ballast

- White crossbar louvre
- Luminaire without end caps and without suspension

Lámpara Lamp	Longitud Length	Art. No. Art. No.
1 x 18W T26	722 mm	165.026
1 x 30W T26	1022 mm	165.027
1 x 36W T26	1322 mm	165.028
1 x 58W T26	1622 mm	165.029
1 x 24W T16	722 mm	165.103009
1 x 39W T16	1022 mm	165.103010
1 x 54W T16	1322 mm	165.103011
1 x 49W T16	1622 mm	165.103012



⊕ - 2 lámparas, balastro electrónico

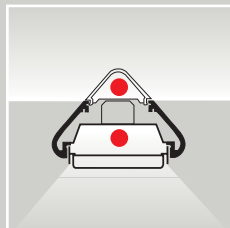
- Módulo metálico blanco
- Luminarias sin placas terminales y sin suspensión

- 2-lamps, electronic ballast

- White crossbar louvre
- Luminaire without end caps and without suspension

2 x 18W T26	722 mm	165.032
2 x 30W T26	1022 mm	165.033
2 x 36W T26	1322 mm	165.034
2 x 58W T26	1622 mm	165.035
2 x 24W T16	722 mm	165.103014
2 x 39W T16	1022 mm	165.103015
2 x 54W T16	1322 mm	165.103016
2 x 49W T16	1622 mm	165.103017

directa / indirecta  
direct / indirect



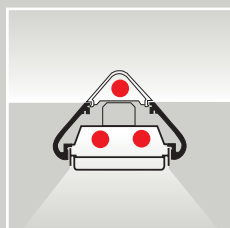
⊕ - 2 lámparas, balastro electrónico

- Módulo metálico blanco
- Luminarias sin placas terminales y sin suspensión

- 2-lamps, electronic ballast

- White crossbar louvre
- Luminaire without end caps and without suspension

Lámpara Lamp	Longitud Length	Art. No. Art. No.
2 x 18W T26	822 mm	165.503
2 x 30W T26	1122 mm	165.504
2 x 36W T26	1422 mm	165.505
2 x 58W T26	1722 mm	165.506
2 x 24W T16	722 mm	165.103020
2 x 39W T16	1022 mm	165.103021
2 x 54W T16	1322 mm	165.103022
2 x 49W T16	1622 mm	165.103023



⊕ - 3 lámparas, balastro electrónico

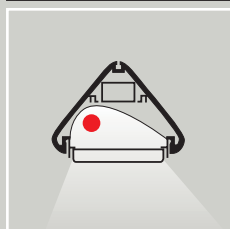
- Módulo metálico blanco
- Luminarias sin placas terminales y sin suspensión

- 3-lamps, electronic ballast

- White crossbar louvre
- Luminaire without end caps and without suspension

3 x 18W T26	822 mm	165.507
3 x 30W T26	1122 mm	165.508
3 x 36W T26	1422 mm	165.509
3 x 58W T26	1722 mm	165.510
3 x 24W T16	722 mm	165.103024
3 x 39W T16	1022 mm	165.103025
3 x 54W T16	1322 mm	165.103026
3 x 49W T16	1622 mm	165.103027

directa asimétrica  
direct asymmetric



⊕ - 1 lámpara, balastro electrónico

- Módulo metálico blanco
- Luminarias sin placas terminales y sin suspensión

- 1-lamp, electronic ballast

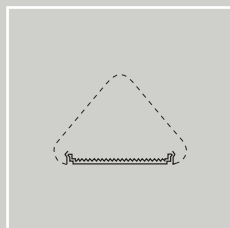
- White crossbar louvre
- Luminaire without end caps and without suspension

Lámpara Lamp	Longitud Length	Art. No. Art. No.
1 x 18W T26	722 mm	165.068
1 x 30W T26	1022 mm	165.069
1 x 36W T26	1322 mm	165.070
1 x 58W T26	1622 mm	165.071
3 x 24W T16	722 mm	165.103028
3 x 39W T16	1022 mm	165.103029
3 x 54W T16	1322 mm	165.103030
3 x 49W T16	1622 mm	165.103031



# System 165

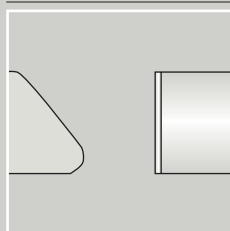
## Cubierta vidrio acrílico debajo Acrylic diffuser below



para luminarias for Lamp	Art. No.
1 x 18W T26	185.205
1 x 30W T26	185.206
1 x 36W T26	185.208
1 x 58W T26	185.209

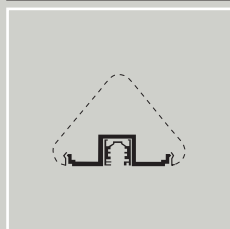
- + Con perfilado longitudinal
- with lengthwise prism

## Placa terminal End plate



	Art. No.
Placa terminal recta Flat end plate	165.061
Con conexión para Conector Ø 65 Flat end plate with Ø 65 connection	165.420

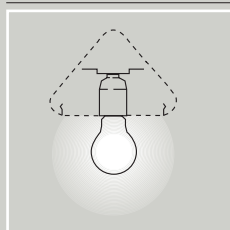
## Aplicación de rail electrificado Track



Longitud max. Length max.	Art. No.
500 mm	165.519
1000 mm	165.520
1500 mm	165.521
2000 mm	165.522
2500 mm	165.523

- + Rail electrificado trifásico, 1 alimentador, 1 placa terminal
- 3-phase ERCO track, 1 live end, 1 dead end

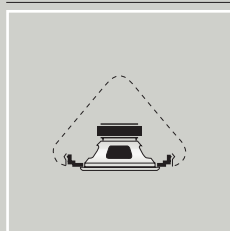
## Portalámparas Holder



Portalámparas incorporado Holder Built-in	Art. No.
G 4	165.227
GY 6, 35	165.345
GU 5, 3	165.346
E 14	165.090
E 27	165.091

- + Espacio necesario 100 mm
- Space required 100 mm

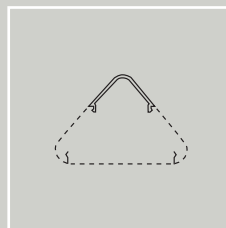
## Altavoz Loudspeaker



165.084

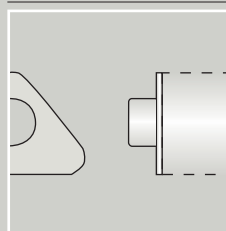
- + Altavoz incorporado de 6 Watt, repetidor de 100 Volt
- Espacio necesario 270 mm.
- 100 Volt loudspeaker 6 Watt, space required 270 mm

## Cierre vidrio acrílico arriba Acrylic diffuser above



para luminarias for Lamp	Art. No.
1 x 18W T26	165.515
1 x 30W T26	165.516
1 x 36W T26	165.517
1 x 58W T26	165.518

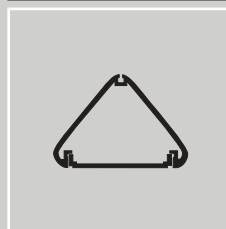
## Elemento terminal End cap



	Art. No.
Rosca M4 Suspension thread M4	165.115

- + Longitud 32 mm, Ø 65
- Length 32 mm, Ø 65

## Perfil vacío Empty tube

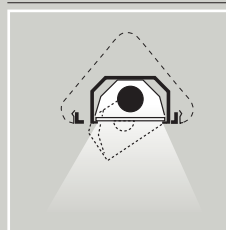


	Art. No.
Perfil con ranura Profile grooved	165.158
Perfil plano Profile plain	165.159

- Para conexión o prolongación
- for connection or lengthening

- + Longitud según especificación, máx. 2.500 mm, sin placas terminales.
- Length to be specified, max. 2500 mm, without end plates

## Proyector Recessed downlight



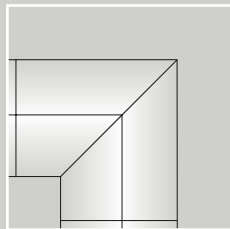
Balastro convencional HQI-TS 70W	165.206
magnetic ballast SDW-T 100W	165.371

- -Espacio necesario 600 mm (sin tubo calibrador)
- Space required 600 mm (without empty tube)

- + Orientable, sin filtro de bloqueo
- two-way adjustable

# System 165

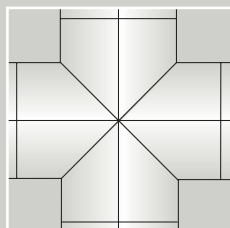
## Inglete Corner connector



Ángulo Angle	Art. No. Art. No.
90°	165.065
60°	165.064
45°	165.063
30°	165.062
según especificación to be specified	165.570

- ✚ - Con junta de presión
- with butt connector

## En cruz Cross connector

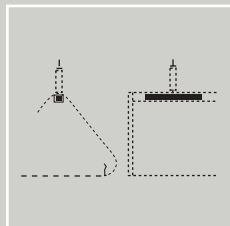


Art. No.  
Art. No.

165.389

- ✚ - Con junta de presión
- with butt connector

## Pasador de suspensión Sliding suspension

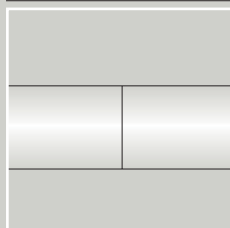


Art. No.  
Art. No.

65.108

- ✚ - Rosca M4
- Suspension thread M4

## Junta de presión Butt connector

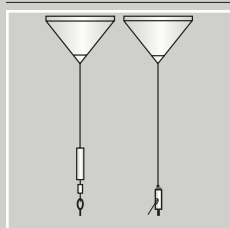


Art. No.  
Art. No.

165.066

- ✚ - Para 2 perfiles
- between fittings

## Suspensión cable acero Steel wire suspension

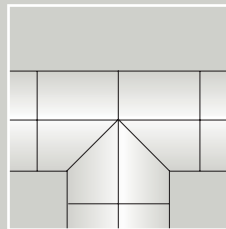


Longitud Length	Art. No. Art. No.	Art. No. Art. No.
500 mm	01.673	01.679
1000 mm	01.674	01.680
2000 mm	01.675	01.681

Ajuste rápido sin  
necesidad de herramientas  
tool-less  
adjustability

- ✚ - Para gancho de techo, dosel blanco
- Steel wire suspension on ceiling hook, suspension cover, white

## Conector en T T-connector

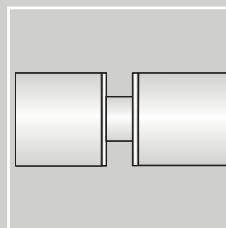


Art. No.  
Art. No.

165.388

- ✚ - Con junta de presión
- with butt connector

## Empalme Coupler

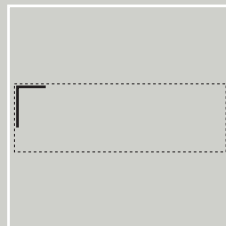


Art. No.  
Art. No.

65.061

- ✚ - Rosca M4
- Ø 65
- Longitud 32 mm
- Suspension thread M4
- Ø 65
- Length 32 mm

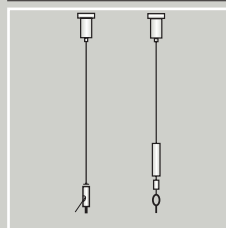
## Fijación a la pared Wall fixing



Art. No.  
Art. No.

165.067

## Suspensión cable acero Steel wire suspension



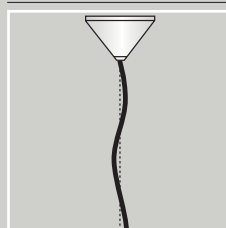
Longitud  
Length

500 mm	00.240	00.781
1000 mm	00.241	00.782
2000 mm	00.242	00.783

Ajuste rápido sin  
necesidad de herramientas  
tool-less  
adjustability

- ✚ - Fijación al techo blanca
- Steel wire for suspension on ceiling, white

## Cable conexión flexible Flexible cable

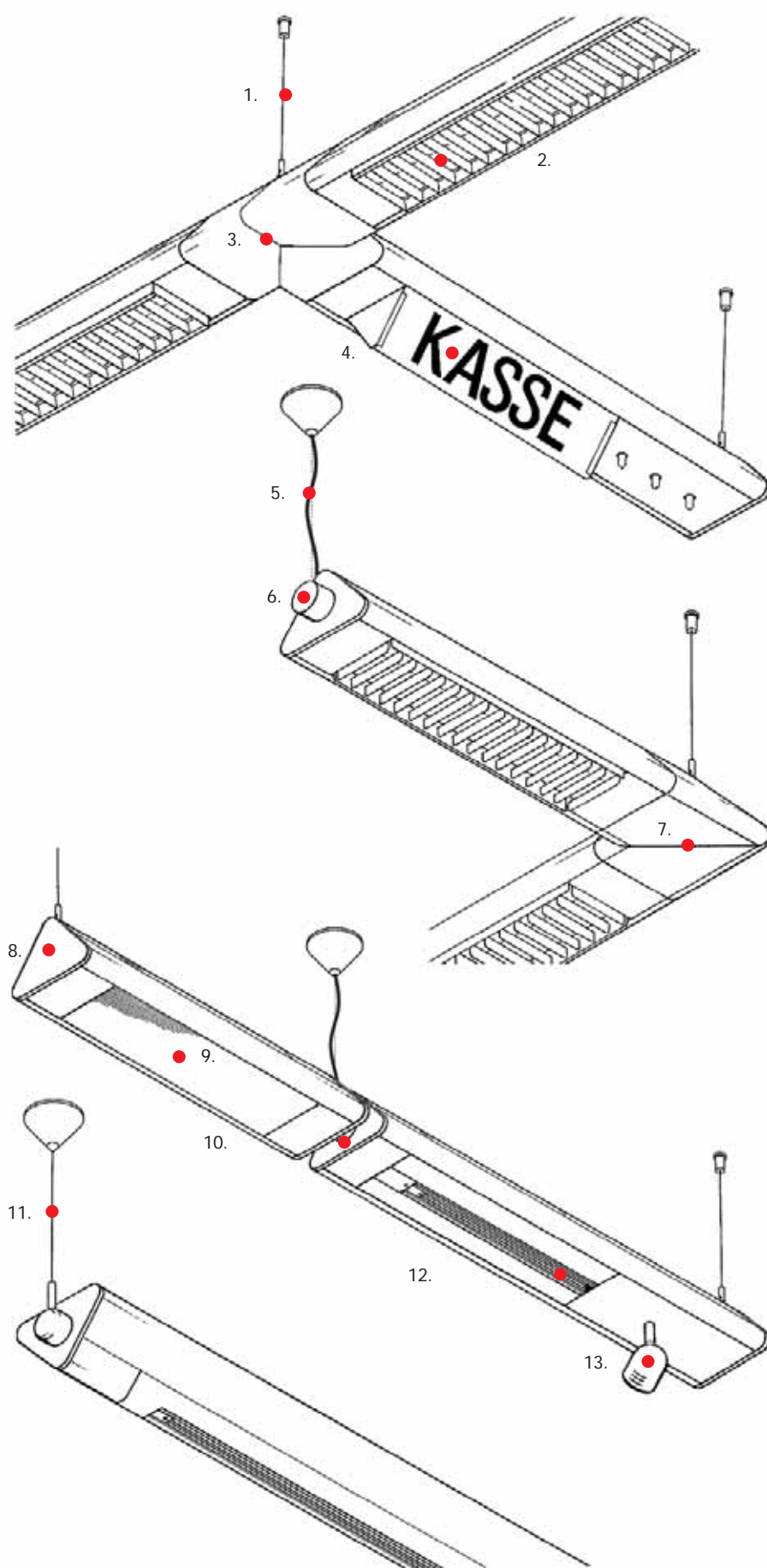


Color Colour	Longitud Length	Art. No. Art. No.
3 x 0,752 negro black	1000 mm	09.519
3 x 0,752 blanco white	1000 mm	09.520
3 x 1,02 negro black	2000 mm	09.521
3 x 1,02 blanco white	2000 mm	09.522

- ✚ - 4 sujetacables de acero, dosel
- 4 steel wire clamps, suspension cover



# System 165



- |   |      |
|---|------|
| 1. Cable de acero<br>Steel wire                                   | 17.5 |
| 2. Módulo metálico directo blanco<br>Direct white crossbar louvre | 17.3 |
| 3. Conector en T<br>T-connector                                   | 17.5 |
| 4. Soporte de escritura<br>Information unit                       |      |
| 5. Cable de conexión flexible<br>Flexible cable                   | 17.5 |
| 6. Pieza terminal<br>End cap                                      | 17.4 |
| 7. Inglete<br>Corner connector                                    | 17.5 |
| 8. Placa terminal<br>End plate                                    | 17.4 |
| 9. Cierre de vidrio acrílico abajo<br>Acrylic diffuser below      | 17.4 |
| 10. Empalme<br>Coupler  | 17.5 |
| 11. Cable de acero con dosel<br>Steel wire with suspension cover  | 17.5 |
| 12. Rail electrificado<br>Conductor track                         | 17.4 |
| 13. Spot acoplado<br>Spot mounted                                 | 21.1 |

# System 165

## Transformador Transformer

	Art. No. Art. No.
12V 50 VA con termofusible 12V 50 VA with thermal cut out	<b>165.348</b>
12V 100 VA con termofusible 12V 100 VA with thermal cut out	<b>165.349</b>
12V 105 VA elektronisch 12V 105 VA electrónico	<b>165.350</b>

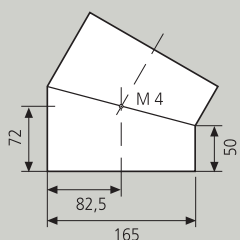
✚ - Incorporado y cableado  
- Fitted and wired

## Balastro electrónico Electronic ballast

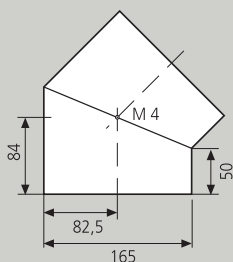
	Art. No. Art. No.	Art. No. Art. No.
(regulable) técnica de control de 10 V (for dimming) Dimming 5 - 100% 10 V DC	5 - 100% Tren de ondas Control Phase control dimming	
✚ - regulable, 230 V 50 Hz	1 x 36W T26 <b>09.366</b>	<b>00.641</b>
	1 x 58W T26 <b>09.368</b>	<b>00.642</b>
Incorporado y cableado	2 x 36W T26 <b>09.440</b>	<b>00.644</b>
	2 x 58W T26 <b>09.441</b>	<b>00.645</b>
✚ - Controllable ballast 230 V 50 Hz fitted and wired		

## Medida de eje y puntos de suspensión Dimensions & suspension points

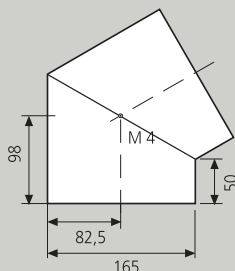
Conector angular 30°  
Corner connector 30°



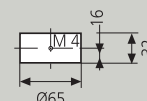
Conector angular 45°  
Corner connector 45°



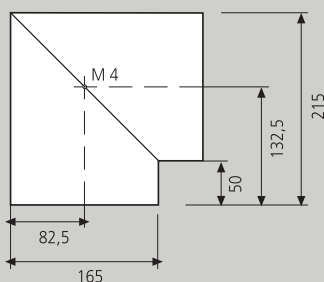
Conector angular 60°  
Corner connector 60°



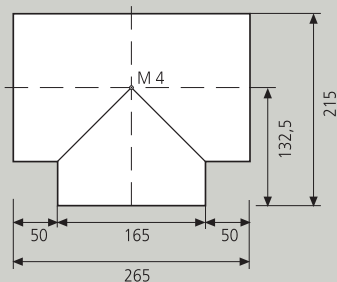
Empalme corto  
Kupplung kurz



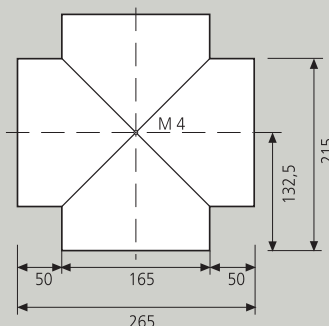
Conector angular 90°  
Corner connector 90°



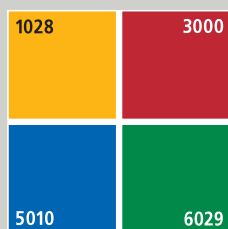
Conector en T  
T-connector



Conector en cruz  
Cross-connector

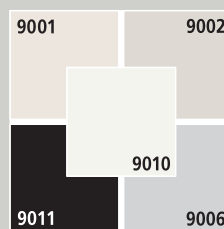


## Colores Colours



Nombre Name	RAL
amarillo melón melon yellow	1028
fuego rojo fire red	3000
azul blue	5010
verde menta mint green	6029

## Colores Colours



Nombre Name	RAL
blanco crema creme white	9001
blanco grisáceo grey white	9002
blanco puro pure white	9010
negro grafito graphite black	9011
plata silver	9006

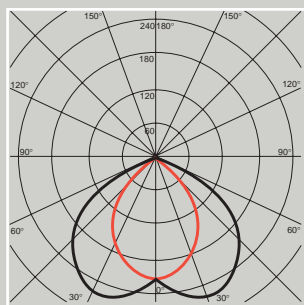
✚ Consulte posibilidad de suministro en otros colores  
Other colours available on request

✚ Consulte posibilidad de suministro en otros colores  
Other colours available on request

# System 165

Curvas de distribución lumínicas  $\pm$ cd / 1000 lm  
Light distribution curves

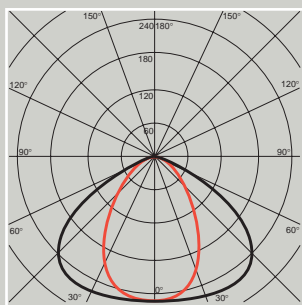
2-lámparas T26 / 2-lamps T8



■ C 90.0/270.0  $\eta_{LB} = 54\%$  ■ C 0.0/180.0

Módulo parabólico  
Parabolic reflector

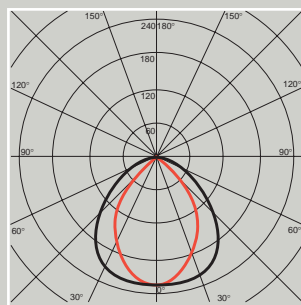
1-lámpara T26 / 1-lamp T8



■ C 90.0/270.0  $\eta_{LB} = 67\%$  ■ C 0.0/180.0

Módulo metálico  
Crossbar louvre

2-lámparas T26 / 2-lamps T8



■ C 90.0/270.0  $\eta_{LB} = 64\%$  ■ C 0.0/180.0

Módulo metálico  
Crossbar louvre

2-lámparas T26 / 2-lamps T8



■ C 90.0/270.0  $\eta_{LB} = 56\%$  ■ C 0.0/180.0

Módulo parabólico  
Parabolic reflector

