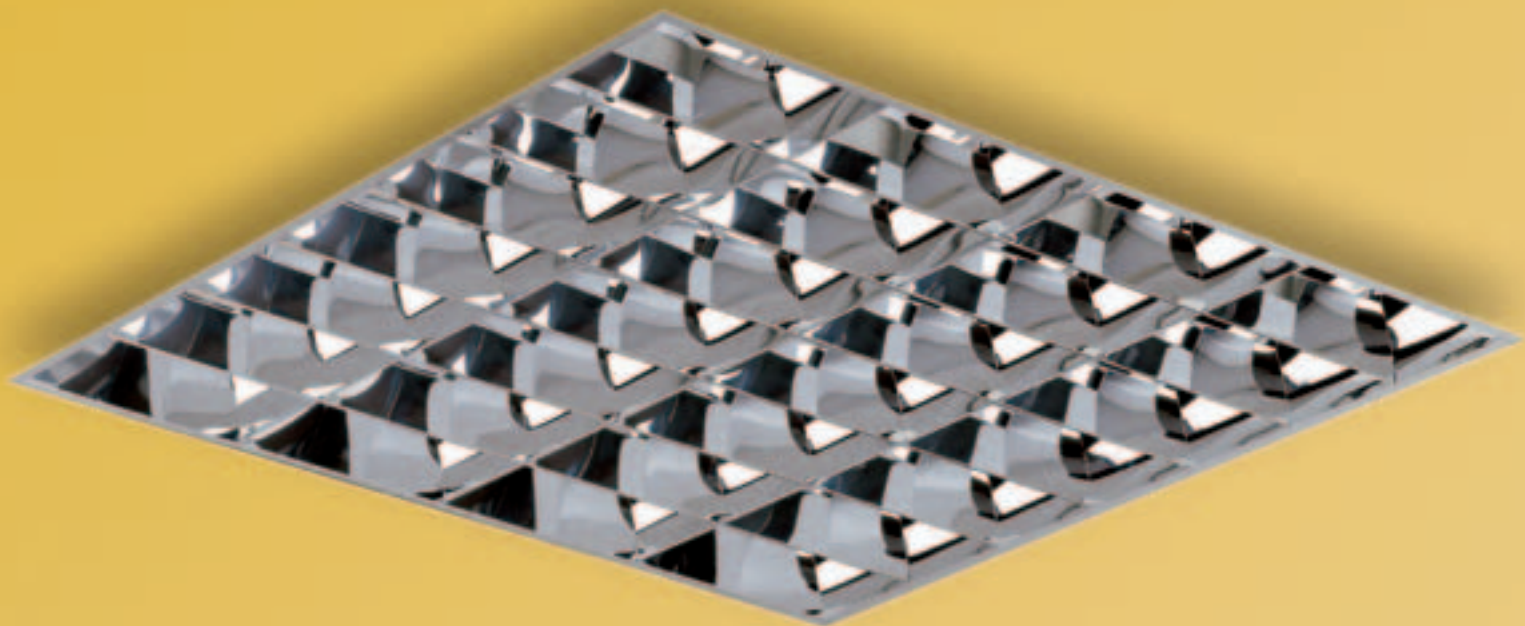


3F Recessed luminaire

New

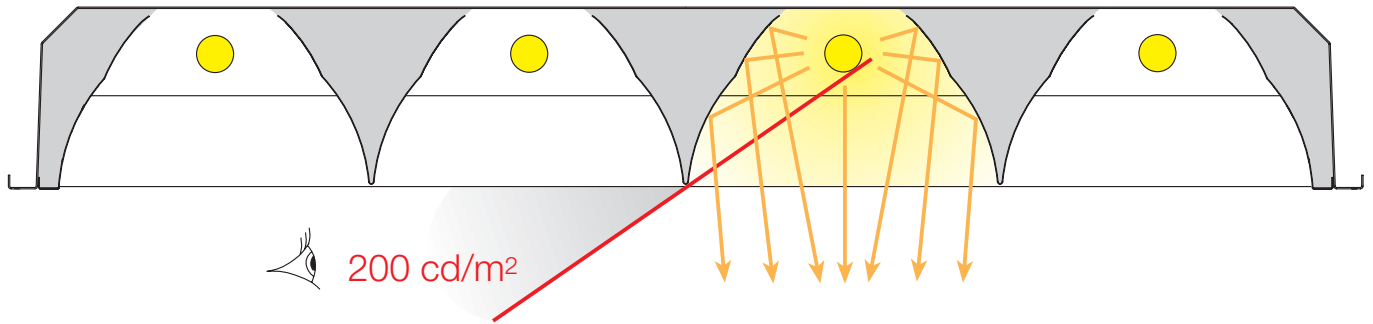


- Suitable for every type of VDU
- Luminance guaranteed $<200 \text{ cd/m}^2$ for angles $>60^\circ$
- Very high efficiency up to 75% and higher
- Luminaires with lamps supplied
- Protection fuse supplied
- Fast and easy installation



Years of light

3F Filippi



■ Luminance <math><200\text{ cd/m}^2</math> for angles >math>60^\circ</math>

The luminance limit within **200 cd/m²** for longitudinal and transverse angles >60° and radial angles 65° means:

- louvre suitability for every type of VDU in compliance with the new European EN 12464-1 standard (Lighting of work places).
- Reduced direct and reflected glare for a reduced visual strain and an optimal environmental comfort.

VDU's louvres are rated UGR <19 (Unified Glare Rating UGR=19 for offices, set by EN 12464-1 standard).

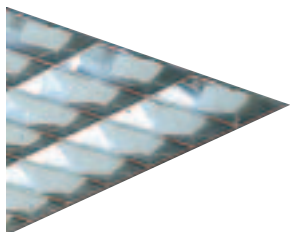
■ Very high efficiency >math>75\%

Louvre compartments purposely designed to reduce the "shadow" effect of the lamps and to increase lighting efficiency.

Louvre with parabolic blades totally closed at the top and longitudinal elements with double parabolicity.

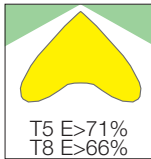
Parabolicity and cut-off angles optimised with **6 blades** to control the luminance in critical angles for reflected glare on VDUs.

■ Wide range of louvres

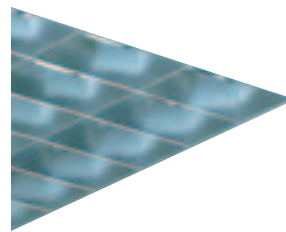


2M

In specular aluminium.

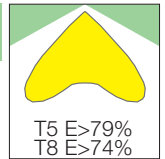


200 cd/m² 60°

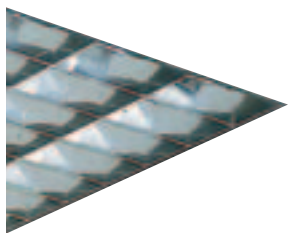


2SG

In semi-specular aluminium, non-reflecting, with superficial titanium-magnesium treatment, non-iridescent.

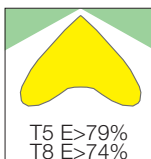


200 cd/m² 60°

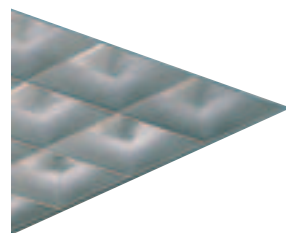


2MG

In specular aluminium with superficial titanium-magnesium treatment, non-iridescent.

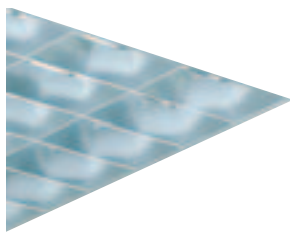
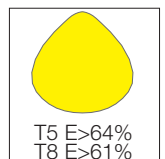


200 cd/m² 60°



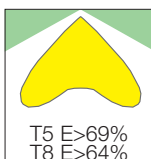
3AO

Decorative. In silver matt aluminium, anti-glare lamp.

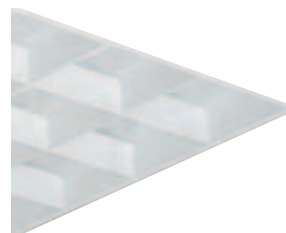


2US

In semi-glossy aluminium, anti-glare lamp.

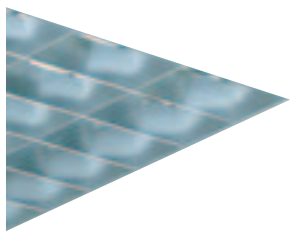
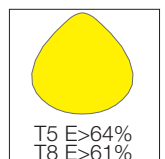


200 cd/m² 60°



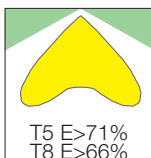
3DEC

Decorative. In white painted aluminium.

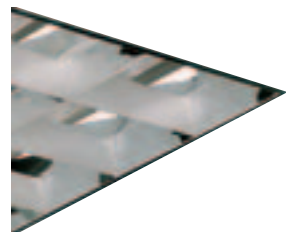


2S

In semi-specular aluminium, non-reflecting.

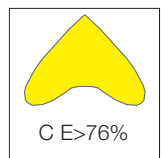


200 cd/m² 60°



COM

Commercial. In specular aluminium with superficial titanium-magnesium treatment, non-iridescent, with transverse blades painted white.



■ Fast and easy installation on exposed Tee



Luminaire installation

Remove one panel only and fit the power cable in the slot on the head of the luminaire, no fixing brackets are necessary.



We can supply, on request, a rapid connection (socket-plug) on the head of the luminaire.



Electrical connection

Make the electrical connection to the mains on the terminal block supplied with a safety fuse.



Isolator protection **fuse**.

It isolates any short-circuit only to the luminaire in question. Immediate maintenance job is not necessary, because all luminaires connected to the same line stay ON, and the fault is still detected.

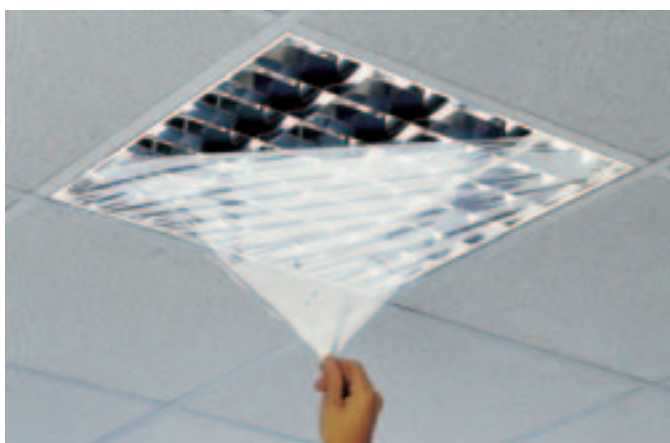


Louvre mounting, hinged opening

Couple the springs in the suitable slots of the housing.



Coupling two of the four springs, the louvre remains hinged and, through these, it is assured the electrical connection to the ground during maintenance operations.



Louvre protective film

The louvre is protected against dust and finger marks by a tough adhesive film, supplied with all versions.

We advise to remove the film only when the environment is clean.

Recessed luminaire suitable for every kind of VDU



Applications

Versions 2M, 2MG, 2US, 2S, 2SG: in environments with VDUs and CAD, managerial offices and showrooms, public offices and schools.
 Versions 3AO, 3DEC: in schools, commercial environments, exhibition areas, architectural environments, lobbies, waiting rooms, transit areas.
 Versions SP, SPA, VS, VSS: for environments with protection requirement, shielded lamps and simplified cleaning.

Panels with exposed Tee 600x600

Lighting engineering

The luminaires are used with T5 or T8 lamps and are equipped with parabolic louvres, flat diffusers or glass.

Mechanics

Housing in hot-galvanised steel, painted in white polyester. Parabolic **louvres** with transverse blades closed at the top, IP20, description page 2.

SPA flat diffuser in transparent methacrylate, multilenticular, glare-free, injection-moulded, with diffuser resting on the structure, IP44 exposed part, **SP** with diffuser with prismatic exterior, frame in white painted aluminium, hinge-type opening, IP43 exposed part.

VS moulded, tempered **glass**, with white painted aluminium frame, hinge-type opening, IP43 exposed part.



VSS moulded laminated glass, with white painted stainless steel frame, hinge-type opening, IP65 exposed part, it is recommended in environments with foodstuffs or machines with moving parts or in general in all those environments where a total protection against fragments falling is required.

Electrical engineering and electronics

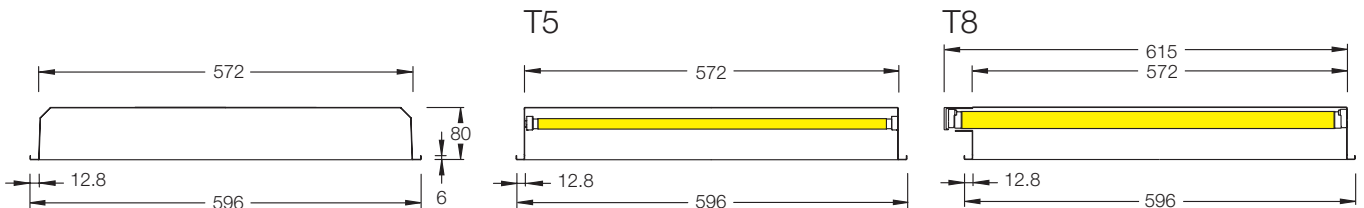
EEI A2, 230V-50/60Hz **electronic** wiring, power factor >0.95, fuse, lamp warm start, three-lamp or four-lamp ballasts.
 Double-switch wiring, twin-lamp ballasts.

EEI C, 230V-50Hz **starter** wiring, power factor correction, fuse.
 EP maintained **emergency** wiring on a single lamp, 1h duration with 24h recharge, 1/2h with 12h recharge. Inhibition mode.
 In compliance with EN 60598-2-22.

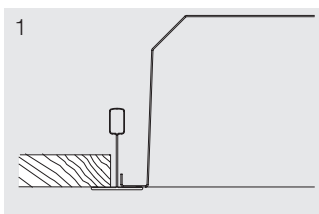
On request

Dimmable electronic wiring, double-switch wiring.
 Luminaires with SP diffuser or VS glass, version IP54 exposed part.

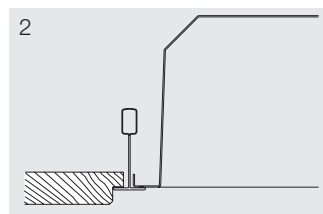
Limited height: only 80 mm



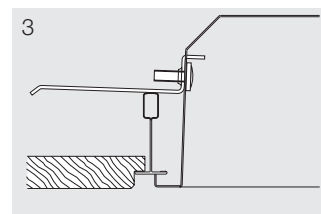
Fitting on different types of false ceiling



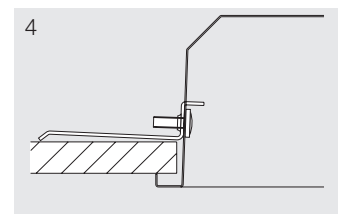
Panels in mineral fibre with exposed Tee 600x600.



Panels in mineral fibre with relief decoration 600x600.



Panels in mineral fibre with relief decoration 600x600, for restrained void. Fixing brackets item 15 ZH on page 11.



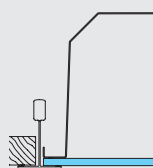
Plasterboard. Use fixing brackets item 15 ZH on page 11.

Versions with diffuser or glass

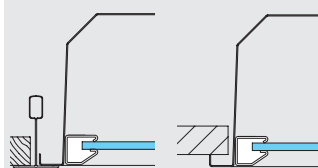
SPA diffuser without frame
 IP44 exposed part

Diagrams 1 and 2

Luminaire height 84 mm.
 The diffuser is **rested** against the false ceiling structure and the luminaire is fitted on the diffuser. Prismatic interior or exterior according to the degree of cleanliness of the environment.



SP diffuser or VS glass, with frame
 IP43 exposed part



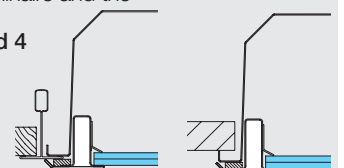
VSS laminated glass IP65 exposed part

Diagrams 1 and 2

The false-ceiling structure is secured between the luminaire and the glass frame.

Diagrams 3 and 4

The luminaire is in contact with the false-ceiling structure.



Wiring	Item	Code
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Versions with T5 supplied lamps fitted

L 320 T5 LD 2M specular		
Electronic	L 324x14 T5 LD HF 2M	2860
	L 323x14 T5 LD HF 2M	2861
Emergency	L 324x14 T5 LD HF EP 2M	2862
	L 323x14 T5 LD HF EP 2M	2863
Double-switch wiring	L 324x14 T5 LD HF DA 2M	2864
Emergency	L 324x14 T5 LD HF DA EP 2M	2865
L 320 T5 LD 2MG high-efficiency specular		
Electronic	L 324x14 T5 LD HF 2MG	2914
	L 323x14 T5 LD HF 2MG	2915
Emergency	L 324x14 T5 LD HF EP 2MG	2916
	L 323x14 T5 LD HF EP 2MG	2917
Double-switch wiring	L 324x14 T5 LD HF DA 2MG	2918
Emergency	L 324x14 T5 LD HF DA EP 2MG	2919
L 320 T5 LD 2US semi-glossy		
Electronic	L 324x14 T5 LD HF 2US	2872
	L 323x14 T5 LD HF 2US	2873
Emergency	L 324x14 T5 LD HF EP 2US	2874
	L 323x14 T5 LD HF EP 2US	2875
Double-switch wiring	L 324x14 T5 LD HF DA 2US	2876
Emergency	L 324x14 T5 LD HF DA EP 2US	2877
L 320 T5 LD 2S semi-specular		
Electronic	L 324x14 T5 LD HF 2S	2930
	L 323x14 T5 LD HF 2S	2931
Emergency	L 324x14 T5 LD HF EP 2S	2932
	L 323x14 T5 LD HF EP 2S	2933
Double-switch wiring	L 324x14 T5 LD HF DA 2S	2934
Emergency	L 324x14 T5 LD HF DA EP 2S	2935
L 320 T5 LD 2SG high-efficiency semi-specular		
Electronic	L 324x14 T5 LD HF 2SG	2946
	L 323x14 T5 LD HF 2SG	2947
Emergency	L 324x14 T5 LD HF EP 2SG	2948
	L 323x14 T5 LD HF EP 2SG	2949
Double-switch wiring	L 324x14 T5 LD HF DA 2SG	2950
Emergency	L 324x14 T5 LD HF DA EP 2SG	2951
L 320 T5 LD 3AO decorative matte silver		
Electronic	L 324x14 T5 LD HF 3AO	2884
	L 323x14 T5 LD HF 3AO	2885
Emergency	L 324x14 T5 LD HF EP 3AO	2886
	L 323x14 T5 LD HF EP 3AO	2887
Double-switch wiring	L 324x14 T5 LD HF DA 3AO	2888
Emergency	L 324x14 T5 LD HF DA EP 3AO	2889
L 320 T5 LD 3DEC decorative white		
Electronic	L 324x14 T5 LD HF 3DEC	2962
	L 323x14 T5 LD HF 3DEC	2963
Emergency	L 324x14 T5 LD HF EP 3DEC	2964
	L 323x14 T5 LD HF EP 3DEC	2965
Double-switch wiring	L 324x14 T5 LD HF DA 3DEC	2966
Emergency	L 324x14 T5 LD HF DA EP 3DEC	2967
L 320 T5 LD SPA diffuser in methacrylate, resting		
Electronic	L 324x14 T5 LD HF SPA	2978
	L 323x14 T5 LD HF SPA	2979
Emergency	L 324x14 T5 LD HF EP SPA	2980
	L 323x14 T5 LD HF EP SPA	2981
L 320 T5 LD SP diffuser in methacrylate with aluminium frame		
Electronic	L 324x14 T5 LD HF SP	2847
	L 323x14 T5 LD HF SP	2848
Emergency	L 324x14 T5 LD HF EP SP	2849
	L 323x14 T5 LD HF EP SP	2850
L 320 T5 LD VS moulded glass with aluminium frame		
Electronic	L 324x14 T5 LD HF VS	2804
Emergency	L 324x14 T5 LD HF EP VS	2805
L 320 T5 LD VSS moulded laminated glass with stainless steel frame		
Electronic	L 324x14 T5 LD HF VSS	2796
Emergency	L 324x14 T5 LD HF EP VSS	2797

Wiring	Item	Code
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Versions with T8 supplied lamps fitted

L 320 T8 LD 2M specular		
Starter wiring	L 324x18 LD 2M	2866
	L 323x18 LD 2M	2867
Emergency	L 324x18 LD EP 2M	2868
	L 323x18 LD EP 2M	2869
Electronic	L 324x18 LD HF 2M	2870
Emergency	L 324x18 LD HF EP 2M	2871
L 320 T8 LD 2US semi-glossy		
Starter wiring	L 324x18 LD 2US	2878
	L 323x18 LD 2US	2879
Emergency	L 324x18 LD EP 2US	2880
	L 323x18 LD EP 2US	2881
Electronic	L 324x18 LD HF 2US	2882
Emergency	L 324x18 LD HF EP 2US	2883
L 320 T8 LD 3AO decorative matte silver		
Starter wiring	L 324x18 LD 3AO	2890
	L 323x18 LD 3AO	2891
Emergency	L 324x18 LD EP 3AO	2892
	L 323x18 LD EP 3AO	2893
Electronic	L 324x18 LD HF 3AO	2894
Emergency	L 324x18 LD HF EP 3AO	2895

Supplied T5 - T8 lamps fitted

New generation, triphosphorous /840 fluorescent lamps. They are ecological, with colour rendering of Ra 80-90, colour temperature of 4000 K, luminous flux and life exceeding the standards. In compliance to the new European standard EN 12464-1.

Versions for T8 lamps

L 320 T8 2MG high-efficiency specular		
Starter wiring	L 324x18 2MG	2789
	L 323x18 2MG	2788
Emergency	L 324x18 EP 2MG	2791
	L 323x18 EP 2MG	2790
Electronic	L 324x18 HF 2MG	2792
Emergency	L 324x18 HF EP 2MG	2793
L 320 T8 2S semi-specular		
Starter wiring	L 324x18 2S	2757
	L 323x18 2S	2756
Emergency	L 324x18 EP 2S	2759
	L 323x18 EP 2S	2758
Electronic	L 324x18 HF 2S	2760
Emergency	L 324x18 HF EP 2S	2761
L 320 T8 2SG high-efficiency semi-specular		
Starter wiring	L 324x18 2SG	2816
	L 323x18 2SG	2815
Emergency	L 324x18 EP 2SG	2818
	L 323x18 EP 2SG	2817
Electronic	L 324x18 HF 2SG	2819
Emergency	L 324x18 HF EP 2SG	2820
L 320 T8 3DEC decorative white		
Starter wiring	L 324x18 3DEC	2709
	L 323x18 3DEC	2708
Emergency	L 324x18 EP 3DEC	2711
	L 323x18 EP 3DEC	2710
Electronic	L 324x18 HF 3DEC	2712
Emergency	L 324x18 HF EP 3DEC	2713
L 320 T8 SPA diffuser in methacrylate, resting		
Starter wiring	L 324x18 SPA	2906
	L 323x18 SPA	2907
Emergency	L 324x18 EP SPA	2908
	L 323x18 EP SPA	2909
L 320 T8 SP diffuser in methacrylate with aluminium frame		
Starter wiring	L 324x18 SP	2853
	L 323x18 SP	2854
Emergency	L 324x18 EP SP	2855
	L 323x18 EP SP	2856

Applications



L 320 decorative edge

 **A particular eye-catching recessed luminaire with aluminium edge allowing the perfect blend with the false ceiling**



Metal panels 600x600
Version on request



Lighting engineering

The luminaires are used with T5 or T8 lamps and are equipped with parabolic louvres.

Mechanics

Housing in hot-galvanised steel, painted in white polyester. Parabolic **louvres** with transverse blades closed at the top, description page 2.

Edge in semi-glossy aluminium.

Electrical engineering and electronics

EEL A2, 230V-50/60Hz **electronic** wiring, power factor >0.95, fuse, lamp warm start.

EEL A1, 230V-50/60Hz **dimmable electronic** wiring.

EEL C, 230V-50Hz **starter** wiring, power factor correction, fuse.

EP maintained **emergency** wiring on a single lamp, 1h duration with 24h recharge, 1/2h with 12h recharge. Inhibition mode.

In compliance with EN 60598-2-22.

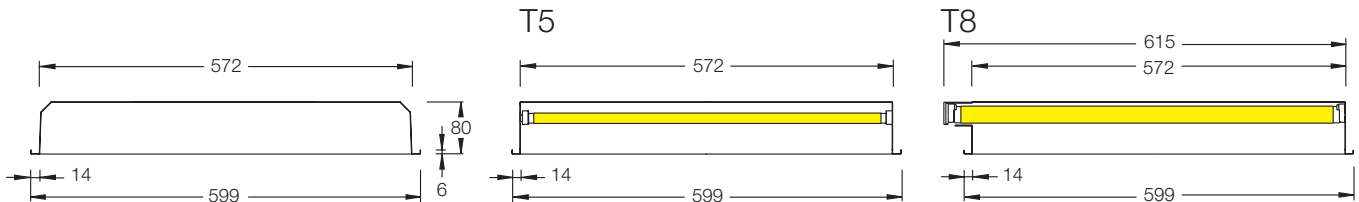
On request


White painted edge.

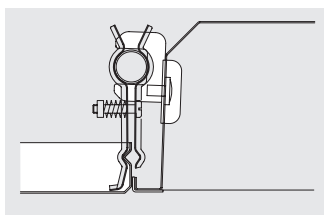
Applications

Versions 2M, 2MG, 2US, 2S, 2SG: in environments with VDUs and CAD, managerial offices and showrooms, public offices and schools. Versions 3AO, 3DEC: in schools, commercial environments, exhibition areas, architectural environments, lobbies, waiting rooms, transit areas.

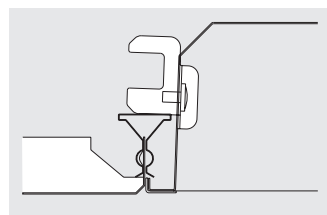
 **Limited height: only 80 mm**



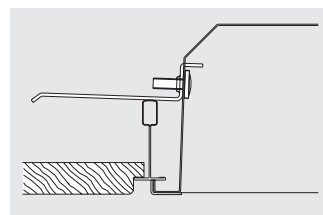
 **Fitting on different types of false ceilings**



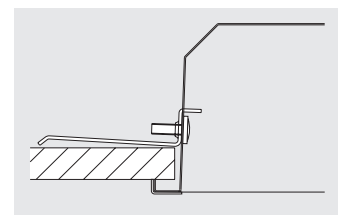
Metal panels 600x600.
Use fixing brackets item 15 LB.



Metal panels 600x600.
Use fixing brackets item 15 LB.



Panels in mineral fibre with relief decoration 600x600.
Use fixing brackets item 15 ZH.



Plasterboard.
Use fixing brackets item 15 ZH.



Recessed luminaire suitable for commercial areas with very high illumination



Applications

Version COM: in commercial areas, exhibition areas, architectural areas, with very high illumination.
 Versions RSP, RVS, RVSS: for environments with protection requirements, shielded lamp and simplified cleaning.

Supplied lamps fitted

55W/840, 4800 lm compact fluorescent lamps,
 In compliance to the new European standard EN 12464-1.

Panels with exposed Tee 600x600

Lighting engineering

The luminaires are used with compact lamps and are equipped with parabolic louvres, flat diffuser or glass.

Mechanics

Housing in hot-galvanised steel, painted in white polyester.

COM parabolic **louvres** with transverse blades closed at the top, IP40 exposed part, description page 2.

RSP recuperator and flat diffuser in transparent methacrylate, multilenticular, glare-free, injection-moulded, white painted aluminium frame, hinge-type opening, IP43 exposed part.

RVS recuperator and moulded tempered glass, with white painted aluminium frame, hinge-type opening, IP43 exposed part.

RVSS recuperator and moulded laminated glass, with white painted stainless steel frame, hinge-type opening, IP65 exposed part, it is recommended in environments with foodstuffs or machines with moving parts or in general in all those environments where a total protection against fragments falling is required.

Flow recuperator in specular aluminium, with titanium/magnesium surface treatment, non-iridescent.

Electrical engineering and electronics

EEL A2, 230V-50/60Hz **electronic** wiring, power factor >0.95, fuse, lamp warm start.

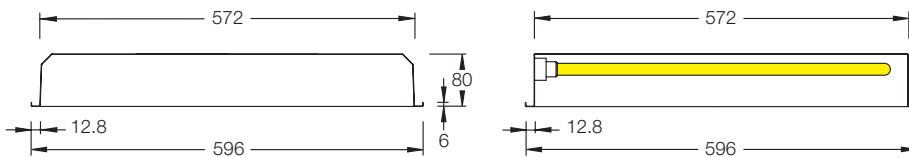
EP maintained **emergency** wiring on a single lamp, 1h duration with 24h recharge, 1/2h with 12h recharge. Inhibition mode.

In compliance with EN 60598-2-22.

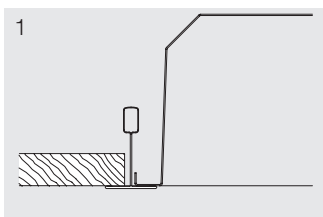
On request

Dimmable electronic wiring. Low luminance louvres.
 Luminaires with SP diffuser or VS glass, version IP54.

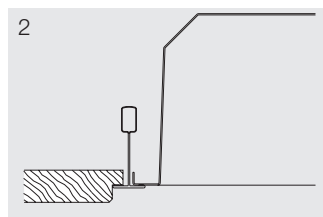
Limited height: only 80 mm



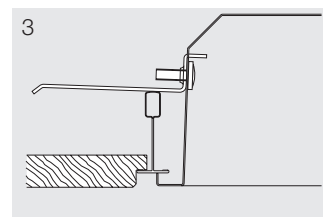
Fitting on different types of false ceiling



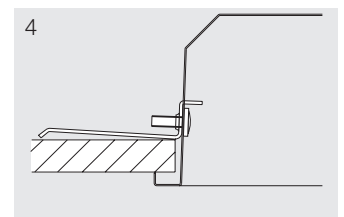
Panels in mineral fibre with exposed Tee 600x600.



Panels in mineral fibre with relief decoration 600x600.



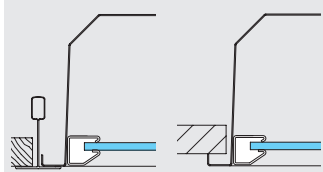
Panels in mineral fibre with relief decoration 600x600, for restrained void. Fixing brackets item 15 ZH on page 11.



Plasterboard. Use fixing brackets item 15 ZH on page 11.

Versions with diffuser or glass

RSP IP43 exposed part
RVS IP43 exposed part

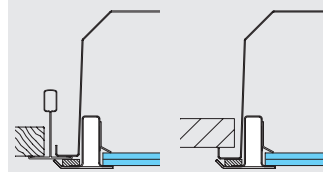


RVSS IP65 exposed part
Diagrams 1 and 2

The false-ceiling structure is secured between the luminaire and the glass frame.

Diagrams 3 and 4

The luminaire is in contact with the false-ceiling structure.



Wiring	Item	Code
L 350 LD COM commercial specular/white		
Electronic	L 353x55 C LD HF COM	2825
Emergency	L 353x55 C LD HF EP COM *	2826
* Luminaires with separate wiring units.		
L 350 LD RSP recuperator and diffuser in methacrylate		
Electronic	L 352x55 C LD HF RSP	2829
Emergency	L 352x55 C LD HF EP RSP	2830
L 350 LD RVS recuperator and moulded glass		
Electronic	L 352x55 C LD HF RVS	2835
Emergency	L 352x55 C LD HF EP RVS	2836
L 350 LD RVSS recuperator and moulded laminated glass		
Electronic	L 352x55 C LD HF RVSS	2837
Emergency	L 352x55 C LD HF EP RVSS	2838

First soft light recessed luminaire suitable for VDUs, with luminance included within 1000 cd/m² and efficiency up to 70%



Panels with exposed Tee 600x600



Lighting engineering

The luminaires are used with compact lamps and are equipped with parabolic louvres.

Luminance <1000 cd/m² for radial angles >65°, in compliance with the new European EN 12464-1 standard.

Efficiency up to 70%.

Symmetric **distribution**, asymmetric distribution available in the single-lamp version by dislocating the lamp.

Mechanics

Housing in hot-galvanised steel, painted in white polyester.

Upper parabolic **recuperator**, in steel painted white with high reflection.

2MG, 2S and **2SG** parabolic **louvre**, description page 2, lateral sides in white colour with upper diffusers in transparent methacrylate, multilenticular, glare-free, injection-moulded.

Electrical engineering and electronics

EEL A2, 230V-50/60Hz **electronic** wiring, power factor >0.95, fuse, lamp warm start.

Twin-lamp version, double switch wiring.

EP maintained **emergency** wiring on a single lamp, 1h duration with 24h recharge, 1/2h with 12h recharge. Inhibition mode.

In compliance with EN 60598-2-22.

IP40 protection degree, only louvre compartment.

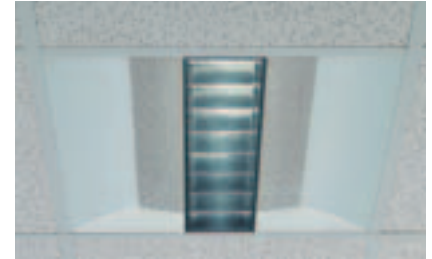
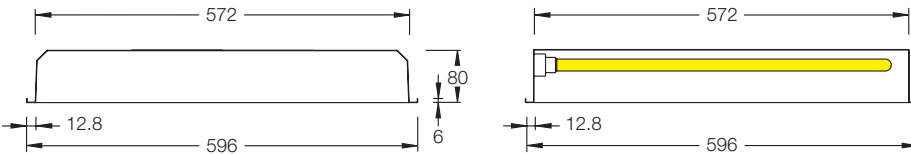
On request

Dimmable electronic wiring. 2x24 T5 luminaires.

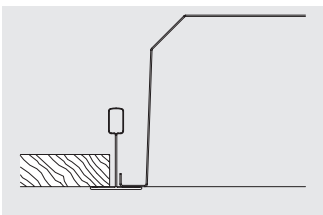
Applications

Environments with VDUs and CAD, managerial offices and staterooms, environments with exacting visual tasks, requiring a diffused and soft light for an optimal visual comfort of the environment.

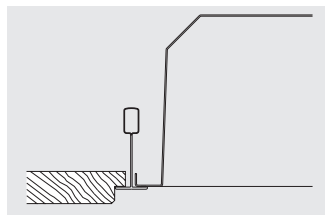
Limited height: only 80 mm



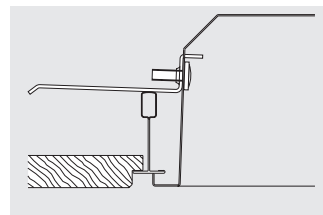
Fitting on different types of false ceiling



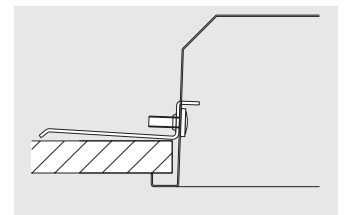
Panels in mineral fibre with exposed Tee 600x600.



Panels in mineral fibre with relief decoration 600x600, for restrained void.



Panels in mineral fibre with relief decoration 600x600, for restrained void. Use fixing brackets item 15 ZH on page 11.



Plasterboard. Use fixing brackets item 15 ZH on page 11.

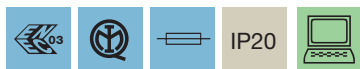
Wiring	Item	Code
L 380 LD 2MG high-efficiency specular		
Electronic	L 381x40 C LD HF 2MG	2670
	L 381x55 C LD HF 2MG	2671
Emergency	L 381x40 C LD HF EP 2MG	2672
	L 381x55 C LD HF EP 2MG	2673
Double-switch wiring	L 382x40 C LD HF DA 2MG	2674
Emergency	L 382x40 C LD HF DA EP 2MG	2675
L 380 LD 2S semi-specular		
Electronic	L 381x40 C LD HF 2S	2694
	L 381x55 C LD HF 2S	2695
Emergency	L 381x40 C LD HF EP 2S	2696
	L 381x55 C LD HF EP 2S	2697
Double-switch wiring	L 382x40 C LD HF DA 2S	2698
Emergency	L 382x40 C LD HF DA EP 2S	2699

Wiring	Item	Code
L 380 LD 2SG high-efficiency semi-specular		
Electronic	L 381x40 C LD HF 2SG	2664
	L 381x55 C LD HF 2SG	2665
Emergency	L 381x40 C LD HF EP 2SG	2666
	L 381x55 C LD HF EP 2SG	2667
Double-switch wiring	L 382x40 C LD HF DA 2SG	2668
Emergency	L 382x40 C LD HF DA EP 2SG	2669

Supplied lamps

New generation triphosphorous /840 compact fluorescent lamps. They are ecological, with a colour rendering of Ra 80-90, colour temperature of 4000 K, luminous flux and life exceeding the standards. In compliance to the new European standard EN 12464-1.

A particular eye-catching recessed luminaire with wide aluminium edge allowing the perfect blend with the false ceiling



Panels with concealed Tee 625x625, exposed Tee 600x600, plasterboard



Lighting engineering

The luminaires are used with T5 or T8 lamps, and are equipped with parabolic louvres.

Mechanics

Housing in hot-galvanised steel, painted in white polyester. Parabolic **louvres** with transverse blades closed at the top, description page 2.

Edge in semi-glossy aluminium.

Electrical engineering and electronics

EEL A2, 230V-50/60Hz **electronic** wiring, power factor >0.95, fuse, lamp warm start, three-lamp or four-lamp ballasts.

Double switch wiring, twin-lamp ballasts.

EEL C, 230V-50Hz **starter** wiring, power factor correction, fuse.

EP maintained **emergency** wiring on a single lamp, 1h duration with 24h recharge, 1/2h with 12h recharge. Inhibition mode.

In compliance with EN 60598-2-22.

On request

Electronic wiring, dimmable electronic wiring, emergency, double-switch wiring.

White painted edge.

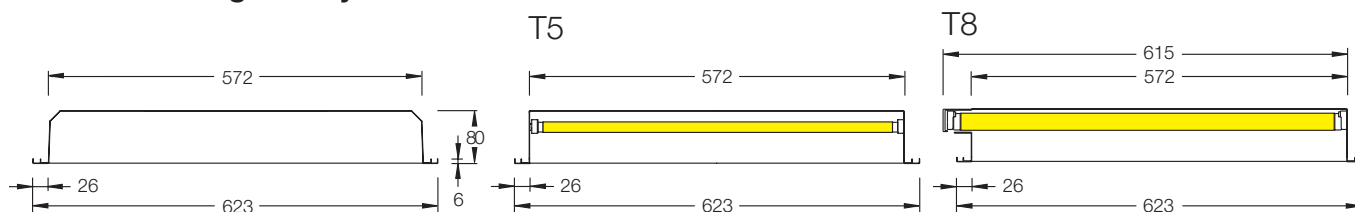
Luminaires with SP diffuser or VS glass.

For commercial areas with very high illumination, luminaires with compact fluorescent lamps 3x55 C with COM louvre or 2x55 C with RSP diffuser.

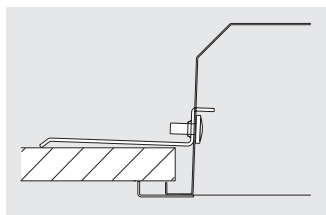
Applications

Versions 2M, 2MG, 2US, 2S, 2SG: in environments with VDUs and CAD, managerial offices and showrooms, public offices and schools. Versions 3AO, 3DEC: in schools, commercial environments, exhibition areas, architectural environments, lobbies, waiting rooms, transit areas.

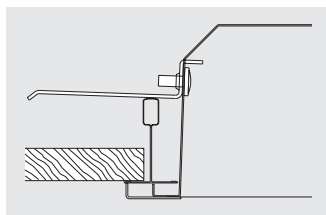
■ Limited height: only 80 mm



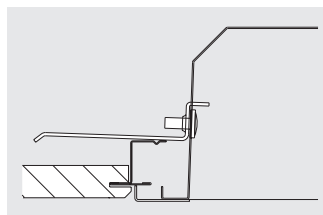
■ Fitting on different types of false ceiling



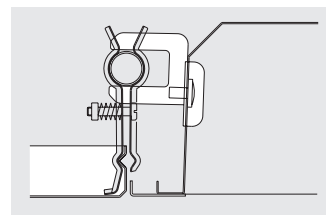
Plasterboard.
Luminaire height for the recessed part H 75 mm.
Use fixing brackets item 15 ZH on page 11.



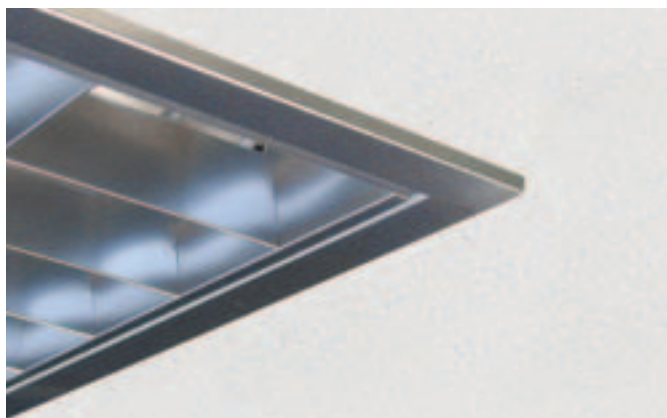
Panels in mineral fibre with exposed Tee 600x600.
Luminaire height for the recessed part H 75mm, for restrained void.
Use fixing brackets item 15 ZH on page 11.



Panels in mineral fibre with concealed Tee 625x625.
Use fixing brackets item 15 ZH on page 11.



Metal panels 625x625.
Fixing brackets on request.



Wiring	Item	Code
■ Versions with T5 supplied lamps fitted		
L 400 T5 LD 2M specular		
Electronic	L 404x14 T5 LD HF H75 2M	22011
	L 403x14 T5 LD HF H75 2M	22010
Double-switch wiring	L 404x14 T5 LD HF DA H75 2M	22013
L 400 T5 LD 2MG high-efficiency specular		
Electronic	L 404x14 T5 LD HF H75 2MG	22039
	L 403x14 T5 LD HF H75 2MG	22038
Double-switch wiring	L 404x14 T5 LD HF DA H75 2MG	22041
L 400 T5 LD 2US semi-glossy		
Electronic	L 404x14 T5 LD HF H75 2US	22067
	L 403x14 T5 LD HF H75 2US	22066
Double-switch wiring	L 404x14 T5 LD HF DA H75 2US	22069
L 400 T5 LD 2S semi-specular		
Electronic	L 404x14 T5 LD HF H75 2S	22095
	L 403x14 T5 LD HF H75 2S	22094
Double-switch wiring	L 404x14 T5 LD HF DA H75 2S	22097
L 400 T5 LD 2SG high-efficiency semi-specular		
Electronic	L 404x14 T5 LD HF H75 2SG	22123
	L 403x14 T5 LD HF H75 2SG	22122
Double-switch wiring	L 404x14 T5 LD HF DA H75 2SG	22125
L 400 T5 LD 3AO decorative matte silver		
Electronic	L 404x14 T5 LD HF H75 3AO	22151
	L 403x14 T5 LD HF H75 3AO	22150
Double-switch wiring	L 404x14 T5 LD HF DA H75 3AO	22153
L 400 T5 LD 3DEC decorative white		
Electronic	L 404x14 T5 LD HF H75 3DEC	22179
	L 403x14 T5 LD HF H75 3DEC	22178
Double-switch wiring	L 404x14 T5 LD HF DA H75 3DEC	22181

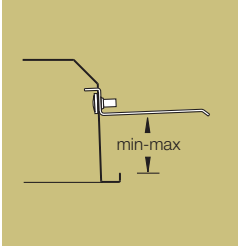
Wiring	Item	Code
■ Versions for T8 lamps		
L 400 T8 2M specular		
Starter wiring	L 404x18 H75 2M	22019
	L 403x18 H75 2M	22018
L 400 T8 2MG high-efficiency specular		
Starter wiring	L 404x18 H75 2MG	22047
	L 403x18 H75 2MG	22046
L 400 T8 2US semi-glossy		
Starter wiring	L 404x18 H75 2US	22075
	L 403x18 H75 2US	22074
L 400 T8 2S semi-specular		
Starter wiring	L 404x18 H75 2S	22103
	L 403x18 H75 2S	22102
L 400 T8 2SG high-efficiency semi-specular		
Starter wiring	L 404x18 H75 2SG	22131
	L 403x18 H75 2SG	22130
L 400 T8 3AO decorative matte silver		
Starter wiring	L 404x18 H75 3AO	22159
	L 403x18 H75 3AO	22158
L 400 T8 3DEC decorative white		
Starter wiring	L 404x18 H75 3DEC	22187
	L 403x18 H75 3DEC	22186
■ Emergency		
Price surcharge	14W T5 or 18W T8 please contact our offices	

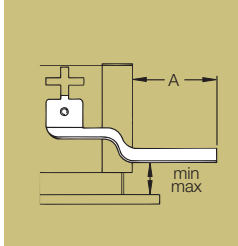
Supplied T5 lamps fitted

New generation triphosphorous /840 fluorescent lamps. They are ecological, with a colour rendering of Ra 80-90, colour temperature of 4000 K, luminous flux and life exceeding the standards. In compliance to the new European standard EN 12464-1.

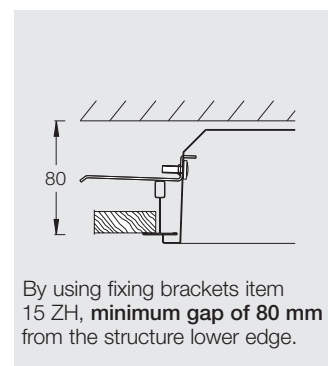
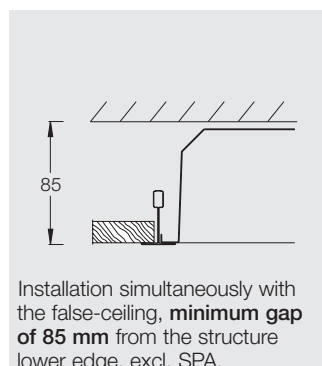
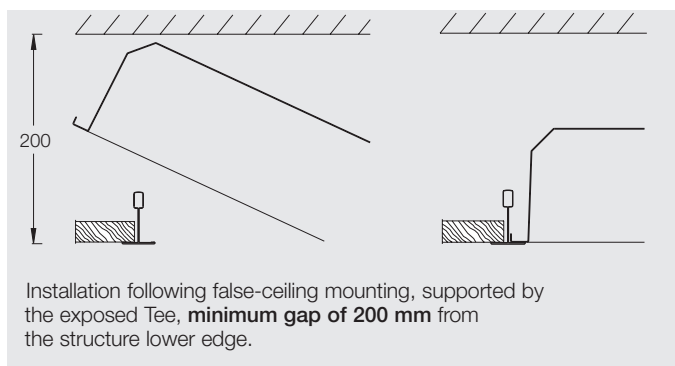
3F Recessed luminaire

■ Accessories

Item	Code
 <p>Fixing bracket for in-contact installation with restrained void or plasterboard. Pack for no. 1 luminaire. Recessed luminaires L 320, L 350, L 380, L 400.</p> <p>Regulation min. 0 mm, max. 60 mm 15 ZH</p>	0177

Item	Code
 <p>Fixing bracket laying on bearing head structures. Pack for no. 1 luminaire. Recessed luminaire L 400.</p> <p>min. 60 mm, max. 80 mm, A=55 mm 15 DP</p> <p>min. 40 mm, max. 60 mm, A=60 mm 15 GF</p> <p>min. 20 mm, max. 40 mm, A=55 mm 15 XB</p>	0174 0175 0176

■ Installation





DP.0104 . E



3F Filippi S.p.A.

fluorescent lighting

CSQ - **Net** - **UNI EN ISO 9001**
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