

Beta i3F 75 - Beta i3F 76

Construction characteristics



Illuminotechnical characteristics

The luminaires for T5 and T8 lamps are equipped with (49-80-36 and 58W) flow recuperators and polycarbonate or glass diffuser. They supply wide or concentrated distribution.

Mechanical characteristics

Single-piece housing in pressed steel, powder-coated in white epoxy-polyester. Oversized flow recuperator in specular aluminium, with superficial titanium-magnesium treatment, non-iridescent. Pre-installed in 49-80-36 and 58W versions. Diffuser in self-extinguishing V2 polycarbonate, UV stabilised, injection moulded, sealing gasket, hinged opening by means of galvanised steel clips. Transparent tempered glass, sealing gasket, single-piece perimetrical frame in galvanised steel, hinged opening by means of galvanised steel clips.

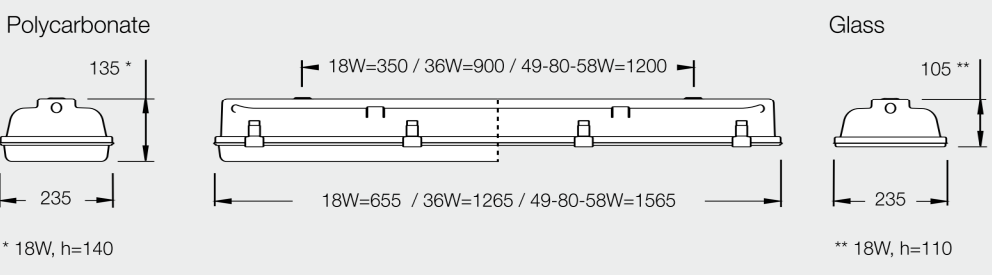
Electrical characteristics

EEL A2 electronic wiring, 230V-50/60 Hz, power factor >0.95, ballast with lamp warm start. 2x80 T5 versions for ambient temperature of about 25°C; for more difficult conditions such as $T_a \geq 35^\circ\text{C}$ request luminaires with suitable ballasts. EEL B2 low loss starter wiring, 230V-50Hz, power factor correction, fuse. EP maintained emergency wiring on one single lamp, Ni-Cd battery, inverter, 1hr duration with 24hrs recharge, fuse. On request: inhibition. In compliance with EN 60598-2-22. Entry for power-supply cable at end cap or at the top.

Supplied

T5 fluorescent lamps, mounted, triphosphorous /840, ecological, with colour rendering $R_a > 80$, colour temperature 4000°K.

In compliance with EN 12464-1. Flow recuperator in 49-80-36 and 58W versions.



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Installations

Directly to the ceiling, suspended, on busbar or wall-mounted. Mounting hooks and brackets see accessories.

Applications


Industrial environments, stores and dry, dusty indoor environments, subjected to occasional water splashes,

environments requiring sealing tamper-proof, such as penitentiaries, thanks to the clips that can be locked by bolts (on request, see on p. 251).



In environments with foodstuffs, meat processing or machines with parts in motion, with considerable temperature sudden changes, and in general in any environments requiring a total protection against falling fragments, use luminaires with laminated glass only (on request). Tempered glass is not exempt from fall of inoffensive fragments, caused by shocks or exceptionally derived from tempering.

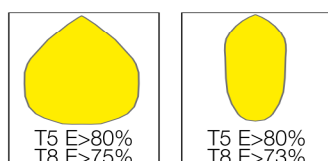
On request

Fuse accessory for electronic version see p. 321. Luminaires with: Very low loss wiring, electronic wiring, dimmable electronic wiring, twin-circuit wiring, emergency wiring (2x80W excluded). V0 polycarbonate diffuser. Different powers T5. Electronic multiwatt ballasts for T5 lamps. 18W version with flow recuperator. 49-80-36 and 58W versions with no flow recuperators. Luminaires with asymmetric or super-wide flow recuperators. Laminated glass.  Electronic luminaires, Class II, in compliance with 94/9/CE (ATEX) standard, group II, category 3D, for Zone 22.

Waterproof IP65 luminaires

Beta i3F 75

Steel - Polycarbonate



850°C

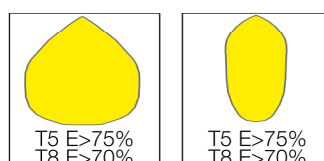
Housing in white steel.

Flow **recuperator** in specular aluminium.

Diffuser in polycarbonate with smooth outer surface and differentiated prismatic inner surface.

Beta i3F 76

Steel - Glass



960°C

Housing in white steel.

Flow **recuperator** in specular aluminium.

Transparent, non-combustible tempered **glass**.

Item	Code
Beta i3F 75 T8 Steel - Polycarbonate	
Starter EEI B2, fuse	
i3F 751x18	5400
i3F 752x18	5401
Version with WIDE flow recuperator	
i3F 751x36 AMPIO	5402
i3F 751x58 AMPIO	5403
i3F 752x36 AMPIO	5404
i3F 752x58 AMPIO	5405
Emergency, fuse	
i3F 752x36 EP AMPIO	5410
i3F 752x58 EP AMPIO	5411
Electronic EEI A2	
i3F 751x36 HF AMPIO	5406
i3F 751x58 HF AMPIO	5407
i3F 752x36 HF AMPIO	5408
i3F 752x58 HF AMPIO	5409
Starter EEI B2, fuse	
Version with CONCENTRATED flow recuperator	
i3F 751x58 CONC	5414
i3F 752x58 CONC	5415

Beta i3F 75 T5 Steel - Polycarbonate

pre-mounted lamps

Electronic EEI A2

Version with WIDE flow recuperator

i3F 751x49 T5 HF AMPIO	5906
i3F 751x80 T5 HF AMPIO	5907
i3F 752x49 T5 HF AMPIO	5909
i3F 752x80 T5 HF AMPIO	5910

Version with CONCENTRATED flow recuperator

i3F 751x80 T5 HF CONC	5918
i3F 752x80 T5 HF CONC	5920

Item	Code
Beta i3F 76 T8 Steel - Glass	
Starter EEI B2, fuse	
i3F 761x18	5420
i3F 762x18	5421
Version with WIDE flow recuperator	
i3F 761x36 AMPIO	5422
i3F 761x58 AMPIO	5423
i3F 762x36 AMPIO	5424
i3F 762x58 AMPIO	5425
Emergency, fuse	
i3F 762x36 EP AMPIO	5430
i3F 762x58 EP AMPIO	5431
Electronic EEI A2	
i3F 761x36 HF AMPIO	5426
i3F 761x58 HF AMPIO	5427
i3F 762x36 HF AMPIO	5428
i3F 762x58 HF AMPIO	5429
Starter EEI B2, fuse	
Version with CONCENTRATED flow recuperator	
i3F 761x58 CONC	5434
i3F 762x58 CONC	5435

Beta i3F 76 T5 Steel - Glass

pre-mounted lamps

Electronic EEI A2

Version with WIDE flow recuperator

i3F 761x49 T5 HF AMPIO	5931
i3F 761x80 T5 HF AMPIO	5932
i3F 762x49 T5 HF AMPIO	5934
i3F 762x80 T5 HF AMPIO	5935

Version with CONCENTRATED flow recuperator

i3F 761x80 T5 HF CONC	5943
i3F 762x80 T5 HF CONC	5945

Specifications on p. 249

Flow recuperators and distributions on p. 250

Accessories on p. 251