Housing: in galvanised steel sheet panels, pre-coated with polyester resin.

Louvre: dark light double parabolic louvres, lengthwise and crosswise in high-gloss, plated aluminium, anti-glare and anti-iridescence, very low luminance 65° 99.85.

Equipment: hinged door and quick clamping mechanism. With protective film on fixture and baffle louvre.

Mounting: recessed for contact mounting on the cross T structure max. 38mm.

LED: Power factor: 0,95.
Luminous flux maintenance 80% 80.000h (L70B20).
Colour temperature: 4000K (On request: 3000K or 6500K).

Flicker is a common issue with LED lamps. It can occur at frequencies below 60 Hz and depends on several factors, such as the ripple emitted by drivers. The notion of flicker-free is very different from that of ripple-free. Ripple is most commonly used by driver manufacturers. Furthermore, "flicker-free" does not mean "without" but rather "very low".

Protective film
Supplied with a protective film to prevent the fixtures from accumulating dirt and to keep the optics clear and ensure perfect performance.

Easy connection
Equipped with hinged door and quick clamping mechanism.

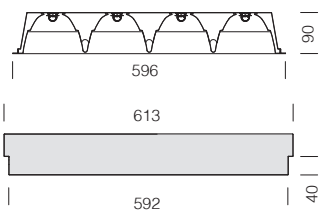
The economic benefits of the new technologies alone are not able to ensure efficiency without the combination of other important advantages. The most significant one concerns the quality of light. New lighting fixtures will make you live and work better. The picture shows how lighting quality is the result of a set of elements connected to visual perception. These elements include visual performance, associated with the level of lighting, glare limitation, visual comfort, which is determined by the correct distribution of light and by a good colour rendering and ambient lighting, which depends on the colour of the light source and on light beam direction. In other words, a good lighting system is one that ensures the right amount of light, without producing glare and where colours can be admired almost as if they were viewed under natural light.

The UGR (unified glare rating) is an international unified measure developed by the CIE (Commission International de l'Eclairage) to assess the direct glare generated by a lighting system. The European standard regulating the lighting of indoor work places (**UNI-EN 12464-1**) recommends a specific UGR value for different applications ranging between **10 and 30**; **the lower the UGR value, the lower the glare**. The exact value of this index differs by project type because it depends on the position of the luminaires, room characteristics (dimensions, reflections) and on the point of observation of viewers.

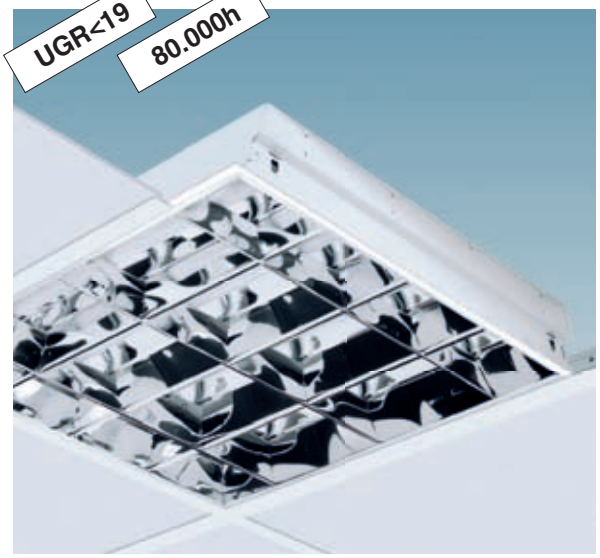
Classification of UGR values by applications		
UGR	≤ 16	Very demanding applications (technical drawings
	≤ 19	Offices and schools (reading, writing, business meetings, computer work)
	≤ 22	Industrial applications, craftsmen
	> 28	High glare

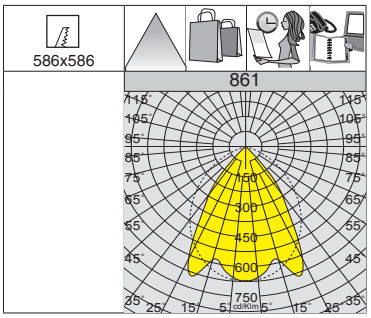
UGR<19 glare index:
compliant with applicable standards (reflection coefficient: ceiling 0.7 - walls 0.5).

IP20IK07



LED Wattage (W)	Total power consumption (W)
33	36

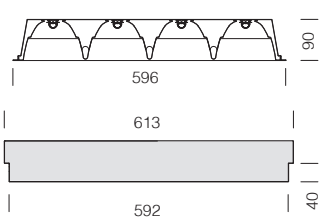




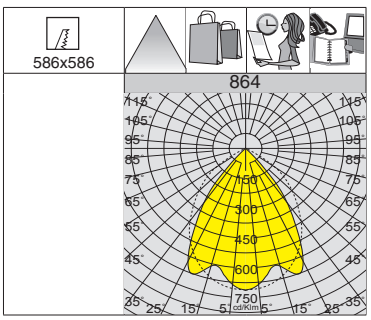
861 Comfortlight

		CLD CELL				LED (Tj=25°C)
wattage/W	colour	weight	L	code	W	K - ølm - CRI
LED 4x	white	3.50	596	150459-00	**33**	4000K - 5200lm - CRI≥80

IP20IK07



LED Wattage (W)	Total power consumption (W)
33	36



864 Comfortlight

		CLD CELL				LED (Tj=25°C)
wattage/W	colour	weight	L	code	W	K - ølm - CRI
LED 4x	white	3.50	596	150460-00	**33**	4000K - 5200lm - CRI≥80

acc. 320 safety cord
998004-00
Steel safety cord.