



**Pelsan**

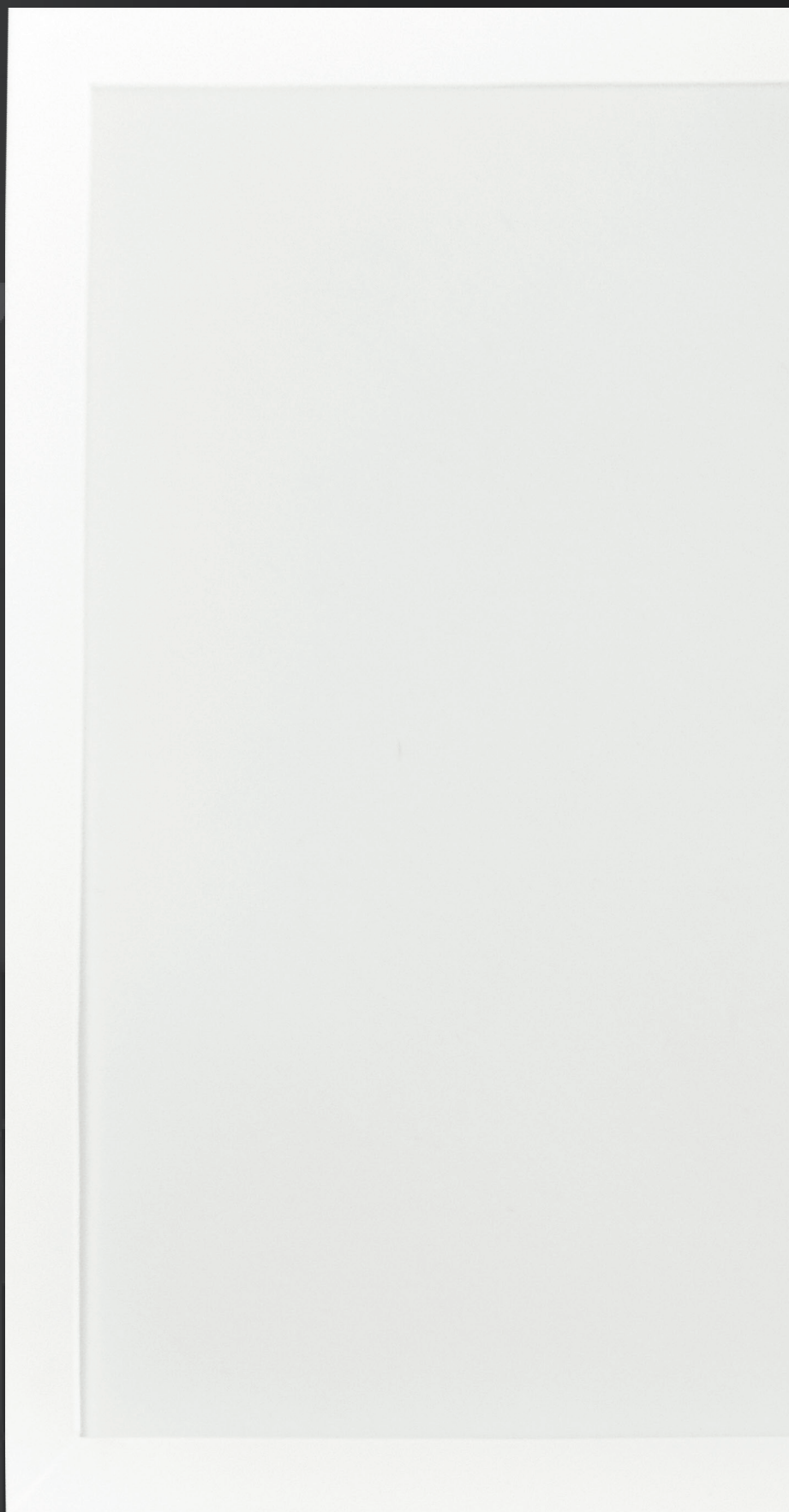


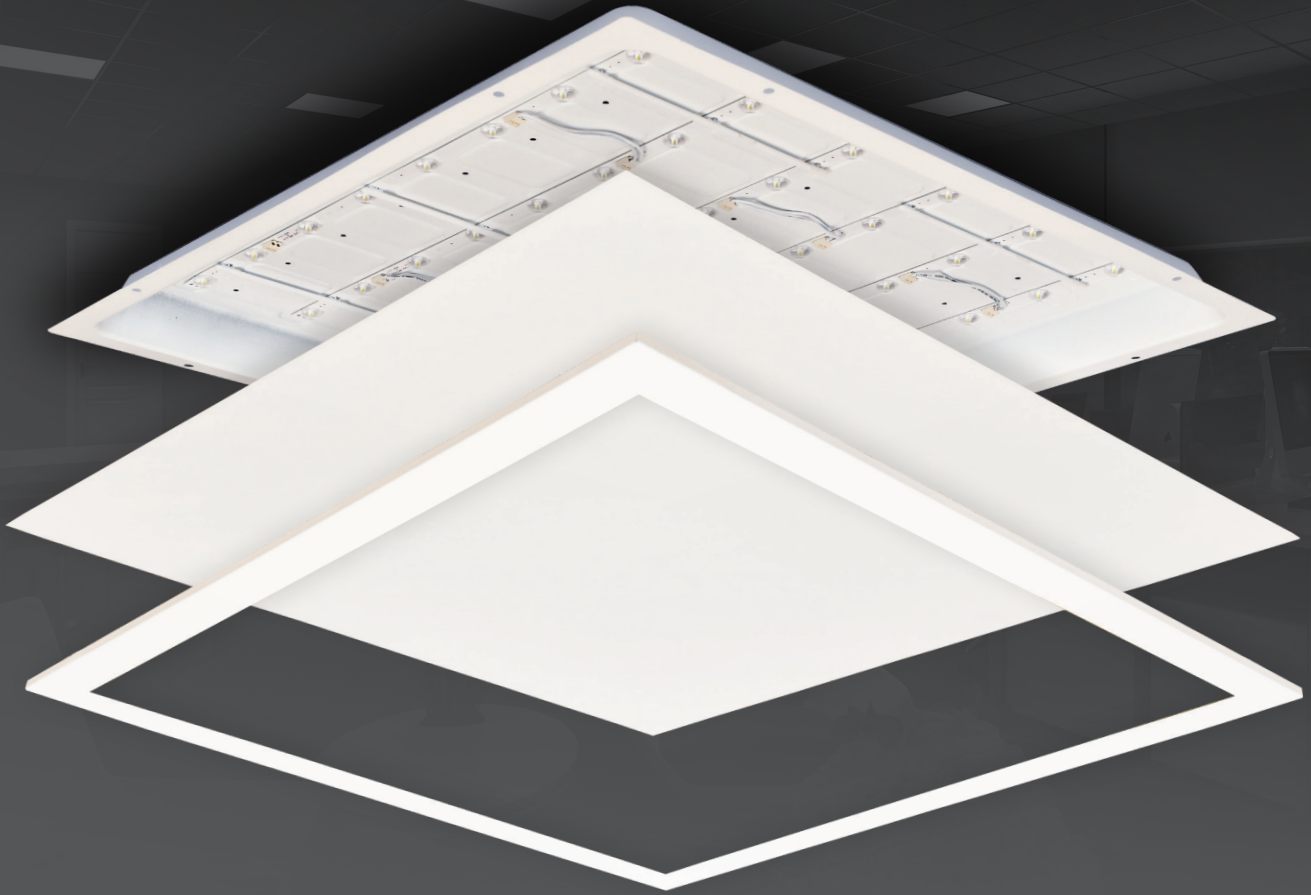
**PANEL  
LUMINAIRES**

**FERTIS**

[www.pelsan.com.tr](http://www.pelsan.com.tr)

# FERTIS





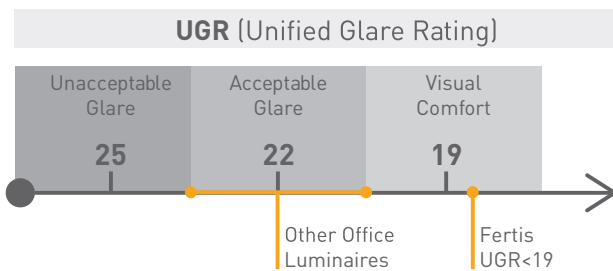
-  Up to 150m/W
-  Lumen Packages: 3750 / 4116 / 5220lm
-  Power Variety: 25 / 28 / 36W
-  UGR<19 Option
-  IP40 / IP54 / IP65
-  Tunable White & HLC
-  5 Years Warranty

## Energy Efficient, Up to 150lm/W



Fertis ensures maximum efficiency with up to 150lm/W, providing energy savings. The 25W 3750lm version is ideal for a direct replacement of traditional fixtures with fluorescent lamps (4x18W). Sensor and DALI options maximize efficiency.

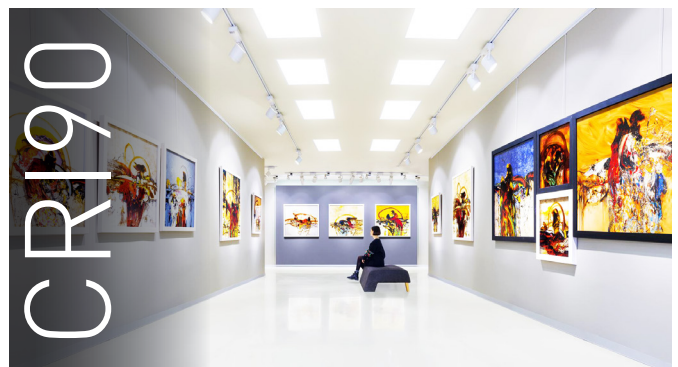
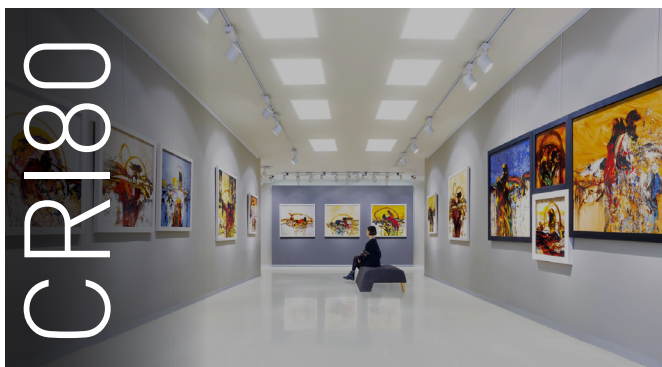
## UGR<19, Anti Glare Design



UGR (Unified Glare Rating) is the method used to calculate the glare caused by lighting fixtures. The UGR rating helps understand the extent of glare created by lighting fixtures. To maximize visual comfort, the Fertis offers a UGR<19 via a micro-prismatic diffuser.

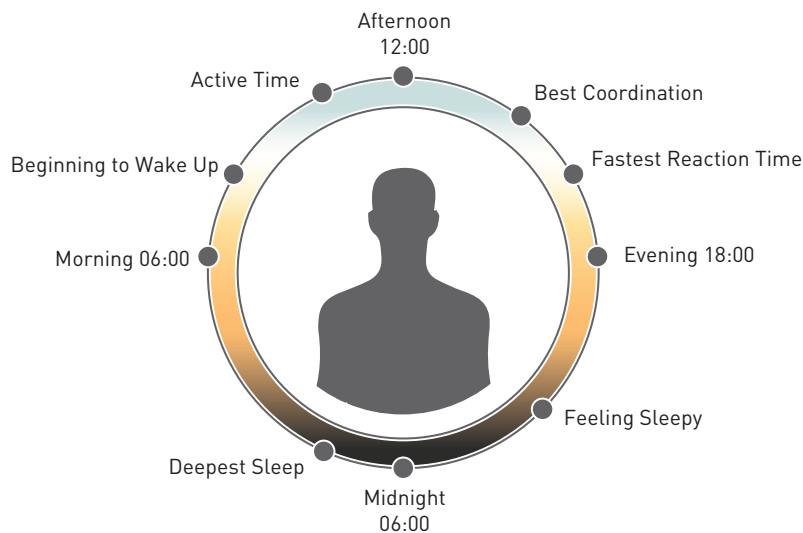
## CRI90

CRI90 fixtures are preferred in places where color accuracy is critical, such as stores, art galleries, drawing studios, clinics, markets, and architectural offices. High CRI (Color Rendering Index) enhances visual comfort in workspaces and supports clear visibility of true tones of colors.

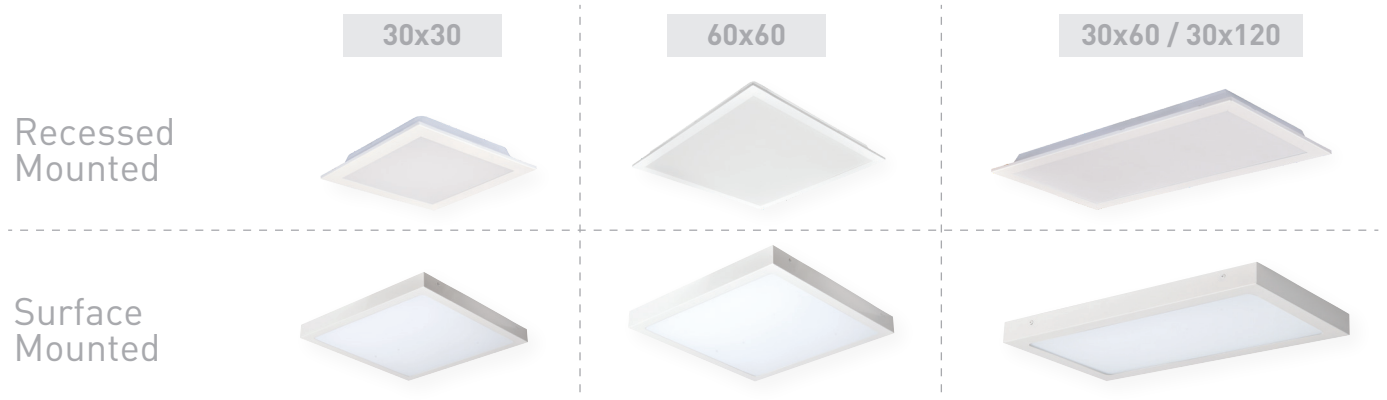


# Tunable White & HCL (Human Centric Lighting)

The comprehensive rhythm existing throughout a 24-hour cycle in the human body is referred to as the 'Circadian Rhythm'. Human-Centric Lighting (HCL) is the most suitable and healthy artificial lighting system designed to align with the circadian rhythm. Fertis is compatible with human-centric lighting, adjusting the color temperature and intensity of light with its Tunable White feature.



## Custom Size and Installation



## Versatile Usage

In environments with dust and moisture, such as laboratories, hospitals, restaurants, and food facilities, panels with IP65 dust and water resistance are preferred. In offices, stores, residences, and schools, IP40-rated products can be used. Fertis offers a choice based on place requirements by providing all three IP classes (IP40/IP54/IP65) within a single product family.





### Mechanical Specifications

Body	Metal
IP Rating	IP40 / IP54 / IP65
IK Rating Body	IK06
Weight (kg)	1,5
RAL Code	9016
Dimensions (mm)	595x595x33



### Electrical Specifications

Power	25-28-36W
Luminous Flux	3750 / 4060 / 5040lm
Efficacy	150 / 147 / 145lm/W
LED Chip and Driver Brand	Samsung - ENEC Certified Driver
LED Chip Lifetime	50.000h
LED Driver Lifetime	Tcmax = 80 °C 50.000h.
Input Voltage	220-240Vac
Frequency	50-60Hz
Power Factor	>0,95
Operating Temperature	-20°C / +45°C
Class	I



### Optical Specifications

Luminous Flux	3750 / 4060 / 5040lm
Efficacy	150 / 147 / 145lm/W
Lens	PS / PMMA / Micro Prismatic
Diffuser	Opal
CRI	>80 / >90
Color Standard	Quarter Bin
Colour Temperature	3000/4000/6500K



### Optionals

DALI	Suitable
1-10V	Suitable
2 Step Dim	-
1hour Emergency Kit	Suitable
3hour Emergency Kit	Suitable
Surface Mounted	Suitable
Clip-in	Suitable
UGR	Suitable



# Pelsan



All your lighting needs in one adress.

[www.pelsan.com.tr](http://www.pelsan.com.tr)

[info@pelsan.com.tr](mailto:info@pelsan.com.tr) | [export@pelsan.com.tr](mailto:export@pelsan.com.tr)

#### HEAD OFFICE

Çerkeşli O.S.B.  
İmes 5. Cadde No:12  
Dilovası / Kocaeli - TÜRKİYE



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**P** : +9(0850) 460 75 76

**F** : +9(0216) 364 60 15