

# Horus

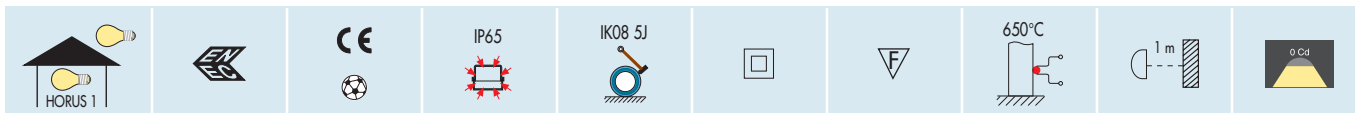
## THE SIMPLICITY OF PERFECTION

Range of floodlights for applications made of reinforced, mass-coloured polyamide. The material used ensures greater mechanical resistance and less aging due to thermal stresses and UV rays, since it is superior to polycarbonate. Bracket in hot galvanized steel coated with polyester powder in the same colour as the casing.

Full range of 99.85 aluminium reflectors that have been polished and anodized in order to get the highest light yield over time.

Flat tempered glass that opens by handle and hinge in reinforced nylon, silicone seal. The connection between glass and hinge is outside the perimeter of the seal so as to increase the reliability of the seal. All external nuts and bolts are made of stainless steel.





### ACCESSIBILITY AND SAFETY

The opening of the optics compartment has lever handles which allows immediate accessibility to the lamp and electrical accessories.

The absence of the frame prevents grime and water from accumulating.

If necessary, vandal-proof protection is obtained by mounting a self-tapping lock screw on the handle. All versions are Class II and earthing is not required. The wiring compartment is accessed by turning just one screw. The supply unit for the discharge lamps is equipped with thermal protection in order to rule out any abnormal operating conditions when the lamp's



HORUS 1



HORUS 2

### 42 W FLUORESCENT

HORUS uses one of the newest and most efficient compact fluorescent sources, 42 W 3200 lumens with an efficiency of 76 lm/W, in the single lamp and twin lamp versions.

The high frequency electronic supply allows maximum visual comfort to be attained so it is also ideal for interiors.

The light given off by the (42 W) corresponds to that of a R 7S 200 W halogen lamp.

### RESISTANCE AND LIGHT WEIGHT

The thermoplastic casing is so sturdy that it passes the shock tests required by the DIN 18032-3 standards for specific use in sports facilities where football is played.

HORUS is also the best solution for installation in particularly critical environments, such as marine environments.



### ANTI-GLARE LOUVRE

The HORUS anti-glare louvre accessory is easily mounted in the glass closing system, without the need for tools or fixing accessories.



### AIMING

The bracket's special clutch and locking system has been studied to ensure stable aiming over time. The solution envisaging stainless steel screws with sockets and plug-free goniometer make it easy to tighten without the risk of damaging the bracket or having unattractive plugs coming off.

### IT SAVES AT LEAST 10 MINUTES WHEN INSTALLING

In order to make installation easier, HORUS is supplied in the packing already with the bracket dismantled and complete with the connection accessories. The threaded casing nuts of the housing are unlosable.



### LONGER LAMP LIFE

Owing to the weight and size of the lamp, all the 400 W versions use a stainless steel support spring. This solution prevents the lifetime of the lamp from being shortened due to its oscillations during operation.



### ANTI-CONDENSATE DEVICE

The anti-condensate device mounted on the HORUS 3 versions makes compensation of the internal pressure easier and prevents needless mechanical stresses on glass and seals.



HORUS 3

### SAFETY

The versions with 250 W e 400 W power are equipped with explosion-proof capacitors. In the event of anomaly or strong mains disturbances, the capacitor cuts out preventing explosion. Activation of the safety device can be seen from outside of the capacitor.

### NEW EMERGENCY VERSIONS

Emergency autonomous floodlights that integrate a special electronic power supply and nickel-cadmium accumulators to provide emergency lighting at any time and under any installation conditions.

The proposed versions use compact fluorescent lamps with the following powers:

HORUS 1: 1x32W

HORUS 2: 2x32W



### OPTIMUM PERFORMANCE

In difference to the conventional autonomous luminaires, the HORUS emergency versions take advantage of the perfect geometry of the dish in order to provide light wherever it is needed and in adequate quantities, even in cases of emergency.

# HORUS RANGE

THERMOPLASTIC FLOODLIGHTS



## CHARACTERISTICS AND ADVANTAGES

HORUS RANGE



### 120W FLUORESCENT

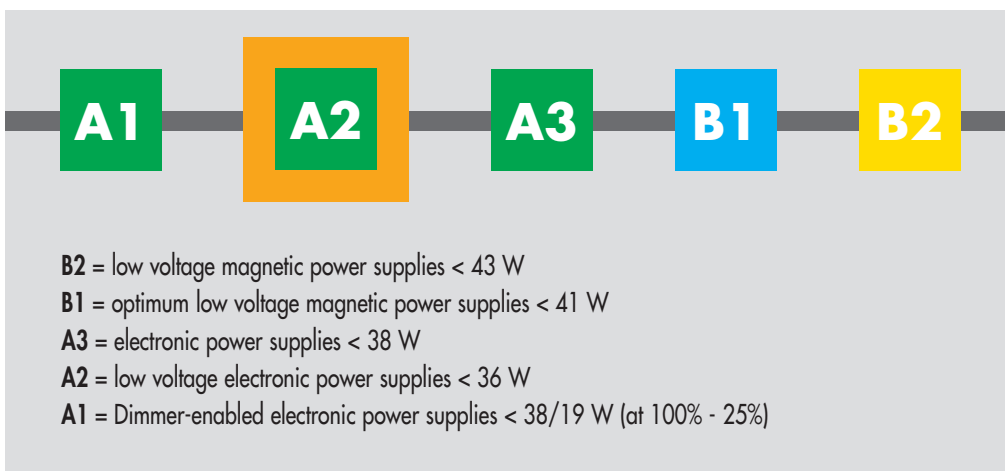
These new HORUS 3 versions utilise an innovative 120 W and 9000 lumen source, the most powerful compact fluorescent currently on the market.

### CHARACTERISTICS:

- Immediate ignition and hot restrike
- Electronic supply power
- Consistent light and maximum visible comfort
- Optimum efficiency of the source (73 lumen/W)
- High chromatic output (Ra > 85)
- 2 colour temperatures (3000° K white hot, 4000° K neutral white), not affected by time
- Special multiple bayonet lampholder
- 20.000 hours of life (more than double that of the normal discharge lamp).



### REFERENCE FIGURES FOR THE SUPPLY UNIT SYSTEM PLUS 36W NOMINAL LAMP



### ENERGY SAVING

The fluorescent versions that incorporate electronic power supplies are classified in accordance with the EEL classification index - Energetic Efficiency Index - in conformity with class **A2**, the highest classification attainable by non-dimmer lighting.

### REDUCED RUNNING COSTS

The fluorescent 120 W lamp has an average lifespan of 20.000 h, which is at least double that of metal halide lamps. This enables a notable reduction in the running costs of the unit.

SOURCE		SOURCE + POWER SUPPLY	LUMENS	CHROMATIC OUTPUT	AVERAGE LIFESPAN
METAL HALIDES	70 W	89 W	4.900	Ra > 80	8.000/10.000h
METAL HALIDES	100 W	115 W	8.000	Ra > 80	8.000/10.000h
<b>FLUORESCENT</b>	<b>120 W</b>	<b>133 W</b>	<b>9.000</b>	<b>Ra &gt; 85</b>	<b>20.000h</b>
METAL HALIDES	150 W	170 W	12.000	Ra > 80	8.000/10.000h