

High Frequency, High Power Factor Fluorescent Lighting, 110V

A comprehensive range of High Frequency, High Power Factor, 110V, IP65 Fluorescent Luminaires conforming to BS EN 60598, designed for temporary installation on construction sites. 5' single and 2' twin versions are offered, with or without integral emergency modules, pre-wired with input lead and terminal box or not pre-wired. Luminaires are supplied complete with multi-purpose bracketry, which enables the luminaire to be suspended from chain or fixed to a wall / ceiling without the need to remove any covers.

Energy Efficiency

The use of High Frequency High Power Factor controlgear and triphosphor tubes achieves an efficiency level of up to 90 lumens per watt, which is significantly greater than the lumens per watt achieved with a traditional magnetic ballast and halophosphate tube. This increased level of efficiency results in energy cost reductions of over 15% for the same level of lighting.

Emergency Luminaires

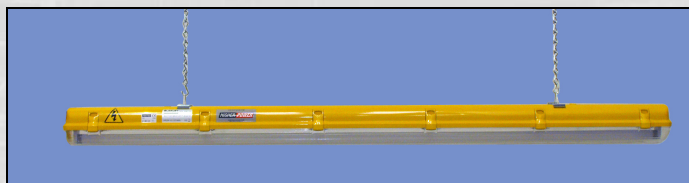
Luminaires with integral 3 hour maintained emergency modules are available. Batteries and tubes will be damaged if emergency luminaires are allowed to discharge on a regular basis i.e. routinely switched off at the end of each shift. In addition, once fully discharged, batteries take over 24 hours to recharge. In order to avoid damage to batteries and tubes and to maintain fully charged batteries, the supply to the emergency modules should be unswitched. Therefore, if fittings are supplied via a 3 core cable, emergency fittings should be left on permanently. To enable the tubes within emergency luminaires to be turned off without damaging the tubes or discharging the batteries, we can supply 4 core cable, which enables the supply to tube circuits to be switched off whilst maintaining an unswitched supply to the emergency module. See also our Flori-67/4P plug-in fluorescent lighting system, which also incorporates 4 core cable.

Pre-wired Luminaires

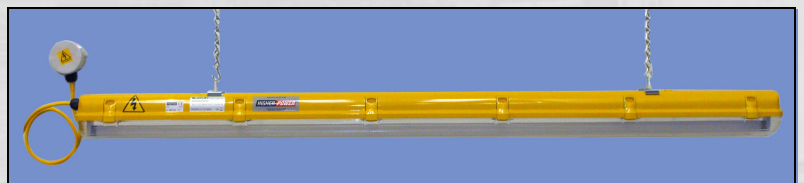
To reduce on-site installation time, pre-wired fittings are also available, which are supplied complete with tube, hooks and a 1 metre input lead, terminated into a T-box. Pre-wired emergency luminaires are fitted with red glands to enable easy identification when installed. Pre-wired emergency versions are also available with a 4C input lead enabling the tube and emergency module to be controlled separately.

To maximise on-site cost savings, also see separate data sheets on Site Transformers and Mains Distribution Assemblies with time clock control, as well as the Floristoon systems of plug-in fluorescents, which are now available in 3 core and 4 core versions.

Item No.	5' Single Luminaires (Loose and Pre-wired)	Item No.	2' Twin Luminaires (Loose and Pre-wired)
S060319	Standard Fitting, unwired	S060346	Standard Fitting, unwired
S060320	Emergency Fitting, unwired	S060347	Emergency Fitting, unwired
S060722H	As S060319 + 1M 3C flex, tube, hooks & T Box	S060790	As S060346 + 1M 3C flex, tube, hooks & T Box
S060723H	As S060320 + 1M 3C flex, tube, hooks & T Box	S060791	As S060347 + 1M 3C flex, tube, hooks & T Box
S060726H	As S060320 + 1M 4C flex, tube, hooks & T Box	S060800	As S060347 + 1M 4C flex, tube, hooks & T Box



S060319 Fluorescent Luminaire
5', 110V, Unwired (chain not included)



S060722H Standard Luminaire,
5', 110V, Pre-wired to T Box (chain not included)

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Cert. No. 902091

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