

LUMINAIRE SCHEDULE

Note 1

This schedule must be read and construed in conjunction with the relevant sections of the electrical specification, the drawings and the explanatory notes which follow. Where proprietary names are used in the following schedule they shall infer the standard required and the term "or other equal and approved" is inferred in all cases. However, it shall be the responsibility of the contractor to ensure that alternatives where offered are identical in every respect. Full details and costs to be submitted with tender.

Ref.	Image	Area of Use	Description	Manufacturer / Ref.
A		Training Room	Modular suspended-mounted linear LED luminaire with prismatic diffuser providing glare control, 100% downlight distribution. Supplied with end caps. Integral Organic Response® sensor for wireless lighting control. Output 3819 lm, efficacy 148 lm/W, 4000K CCT, CRI>80, SDCM 3. Lifetime: L90B50 58k hrs, L80B50 >100k hrs. Polycarbonate optic, body finished white. Equipped with DALI LED driver and integral Organic Response 3 controls. Ingress protection IP44 (IP40 with wireless controls). Electrical class I, PF >0.9, THD <4%. Dimensions: 1887 x 210 x 68 mm.	
B1		Kitchen Canopy (920mm long)	Recessed LED luminaire for installation within commercial kitchen extract canopies, nominal size 920 x 123 mm, with 2.0 mm thick Grade 430 stainless-steel trim and TP(b) rated PMMA micro-prismatic diffuser. 4,000K LED mounted on aluminium heatsink, complete with remote constant-current power supply and plug-and-twist connection leads. IP65, suitable for ambient temperatures up to 80°C, complete with high-temperature sealing gasket and stainless-steel fixings. Luminaire shall provide in excess of 500 lux at the cooking surface when installed in accordance with the manufacturer's requirements.	
B2		Kitchen Canopy (620mm long)	Recessed LED luminaire for installation within commercial kitchen extract canopies, nominal size 620 x 123 mm, with 2.0 mm thick Grade 430 stainless-steel trim and TP(b) rated PMMA micro-prismatic diffuser. 4,000K LED mounted on aluminium heatsink, complete with remote constant-current power supply and plug-and-twist connection leads. IP65, suitable for ambient temperatures up to 80°C, complete with high-temperature sealing gasket and stainless-steel fixings. Luminaire shall provide in excess of 500 lux at the cooking surface when installed in accordance with the manufacturer's requirements.	
EM1		Open plan areas - Recessed	Discrete recessed mounted non-maintained emergency optic LED fitting with open plan area diffuser. Fitting to be supplied with 2W 200 lumen LED. Die-Cast Aluminium lamp heat. White flame retardant ABS trim. IP40. Class II electrical. 5000K. LiFePO4 Battery. 45mmØ cut-out required. 55mmØ trim. 6 year warranty.	
EM2		Elec Cupboard	IP65 LED self-contained emergency bulk head suitable for wall mounting providing a minimum light level of 120 lumens in emergency. Complete with 20mm conduit entry points at the sides and rear, hinged gear tray and green charge LED indicator as the VISOR120 range. Lamp colour - 5,000K. Body to be flame retardant ABS plastic. Diffuser to be flame retardant clear ABS plastic. Gear tray to be white powder coated sheet steel. Batteries (self-contained) - 4.8V 1.3A/h.	
EX1		Escape routes	3 hour single sided self-contained maintained LED blade type exit sign. White powder coated extruded aluminium body with flame retardant ABS end caps. Blade to be surface mounted / suspended from catenary wire to suit installation location. Fitting to be complete with suitable graphics based on installation location	