

LUMINAIRE SCHEDULE



Project **58-64 King Street**
Project Number **1176**
Date **06/05/2021**
Revision **P04**

This is a preliminary schedule. Other luminaires will be specified for areas of particular visual interest and architectural emphasis. Apartments are of varying shapes and ceiling heights, the lighting of many of them will be bespoke.

Alternative luminaires from the list of preferred manufacturers in the specification are acceptable, only if agreed in writing by the Engineer and Architect. If alternative luminaires are proposed it is the Contractor's responsibility to produce calculations to prove lighting levels in the specification are achieved. Such calculations must be produced in industry standard software such as Relux or Dialux.

LED luminaires: Any alternative LED luminaires offered must be tested to IEC 62722-2-1:2014 Luminaire performance - Part 2-1: Particular requirements for LED luminaires. See note A

REFERENCE	LUMINAIRE PICTURE	LUMINAIRE DESCRIPTION	LOCATION (S)	MODEL MANUFCT'R	LAMP	Watts	Lumens	Dims	CCT	CRI	Rated Life	Control	Mount
A		IP65, Fire rated, flicker-free, LED downlight, complete with Bezel, terminal and connector. Luminaire is dimmable.	Apartments	Collingwood H2 lite T	LED	4.4W	440	86 dia x 60mm	3000K	80	30000 H	Switched Dimming	Ceiling recessed
B		LED weatherproof luminaire, with UV stabilized flat diffuser and linear prisms designed to achieve uniform lit appearance, optimise light output and to reduce glare, Polycarbonate housing, Polycarbonate diffuser,	Plant areas	Sylvania Start Waterproof LED	LED	58W	7300	1578 x 110 x 78	4000K	>80	50,000		Surface-mounted
C		Round recessed luminaire with contact frame. Fixed version. The LED is set back to minimize glare. The main body is made of die-cast aluminium. Metallised, thermoplastic, high definition reflector - wide flood optic (42°).	Landlord's corridors	iGuzzini Laser P345	LED	10W	971	83 dia x 74 deep	3000K	90	50,000 L80 B10	DALI Dimming	Recessed
D		Diffused light ceiling- / wall-mounted luminaire. LED lamps. Fixing plate made of shaped sheet steel which is painted white. Opal PMMA diffuser screen - the shape and finish give uniform, comfortable light emission.	Staircases	iGuzzini Bos 5031	LED	18.2W	1976	426 dia x 125 deep	3000K	80	50,000 L80 B10	DALI Dimming	Surface-mounted

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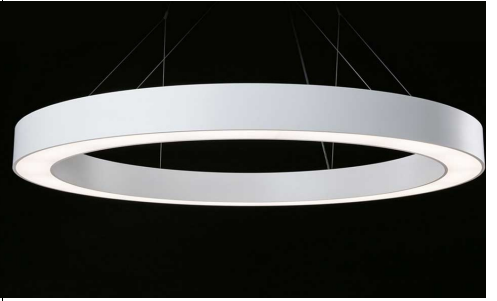
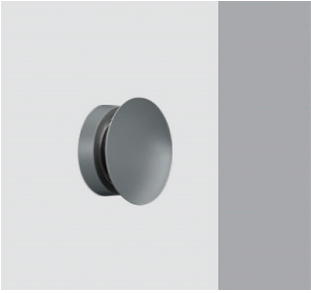


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F/FE		LED exterior bulkhead, high output, die-cast aluminium body IP65, FE - Three-hour self-contained, maintained emergency version	Exterior	Concord Sterling Bulkhead LED 4063831	LED	9W	684	350 dia x 128	3000K	80	50,000 L70		Surface-mounted
G		LED strip, IP65, 12V DC, 9.6W/m, 8mm x 2mm, 3000K, bright and uniform light, can be cut every 25mm, in EXT-SL8 extrusion.	Under kitchen units Coving lighting	Ledridge LED96 & EXT-SL8 extrusion	LED		9.6W/m	LED strip 8mm x 2mm, extrusion 12.2mm 7mm.	3000K				Adhered to underside of kitchen units. Coving lighting etc.
H		LED up/downlight, aluminium and stainless steel, matt white, polycarbonate optics,	Accent lighting in corridors	SG Duo	LED	10W	580	170mm (w) x 135mm (h) x 103mm (d)	3000K	80	50,000 L70 B10	DALI Dimming	Wall-mounted
J19/J15		Circular pendant luminaire made of sectional extruded aluminium. Uniform illumination of the lit surface. Direct Beam LED Chandelier.	Reception	Sp[ectral Stora LK D1900/8300S-DA D1500/8300S-DA	LED	127W / 99W	1125/ 8700	1900/1500 dia x 100 deep	3000K			DALI Dimming	Chandelier
K		Circular lighting effect LED die cast aluminium luminaire.	Main Entrance Dorrway	iGuzzini Trick Radial BU10	LED	5.7W	700	110 dia x 42	3000K	80		Fixed	Surface-mounted

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E1/E1C		Non-maintained three-hour ceiling recessed self-test wireless 2W LED emergency luminaire. As Philip Payne TYKE860YS. Finish to be specified by the architect. (E1C - Corridor version TYKC860YS) Specto XT version	Emergency luminaires	Philip Payne TYKE	LED	2	190	56 dia					Central self-test and reporting	
E2/E4		Maintained three-hour surface-mounted IP65 self-test wireless LED emergency bulkhead luminaire. As Philip Payne LANTIS. Specto XT version	Emergency luminaires	Philip Payne Lantis	LED		545	335 x 120 x 76					Central self-test and reporting	
E3		Non-maintained three-hour ceiling surface-mounted self-test wireless 2W mini-cylinder LED emergency exit luminaire. As Philip Payne 250MCSV. Finish and drop distance to be specified by the architect. Specto XT version	Emergency escape signs	Philip Payne 250MCSV	LED			276 x 66 x 182					Central self-test and reporting	

Note A,
 For all alternative LED luminaires, the following data must be provided and must be equal or better than the luminaire on the schedule:

- a) Rated input power
- b) Rated luminous flux
- c) LED luminaire efficacy
- d) Luminous intensity distribution
- e) Photometric code
- f) Correlated Colour Temperature (CCT)
- g) Rated Colour Rendering Index (CRI)
- h) Rated chromaticity co-ordinate values both initial and maintained
- i) Lumen maintenance code
- j) Rated life (in h) of the LED module and the associated rated lumen maintenance (Lx)
- k) Failure fraction (Fy), corresponding to the rated life of the LED module in the luminaire
- l) Ambient temperature (tq) for a luminaire