

LUMINAIRE SCHEDULE

Project: **Welwyn Garden City**
Kori Construction
One YMCA, 90 Peartree Lane,
Welwyn Garden City, Hertfordshire AL3 3UL

Doc no. **11600-E-TS02**

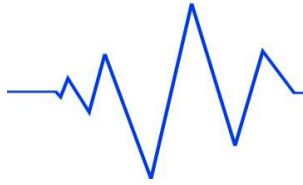
Prepared By:	SB
Checked By:	TH
Date Prepared:	08/11/2023

Revision History			
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The luminaires detailed below are provided as part of Alpha electricals internal and external lighting proposals for the project. Lighting calculations have been undertaken to ensure that the prescribed lux levels noted within the contract documents have been met. All calculations have been performed without the addition of any decorative lighting.

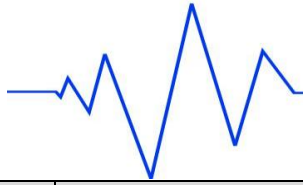
Emergency lighting calculations have been undertaken to ensure that the scheme meets the requirements of BS5266.





Luminaire samples will be provided to the client upon request to facilitate the client's acceptance of the lighting scheme.

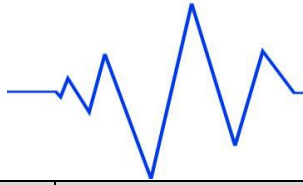






Internal Luminaire Schedule

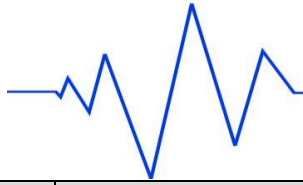
Reference	Image	Luminaire Name/ Type	Description of Luminaire	Typical application
A1		Concord Sylvania Insaver Slim	LED 1600lm 13W UGR19 4000K IP44 Fixed Output Recessed Downlight	Communal Corridors Stair Cores
Ae		Concord Sylvania Insaver Slim	LED 1600lm 13W UGR19 4000K IP44 Fixed Output Recessed Downlight c/w 3hr Emergency Pack	Communal Corridors Stair Cores
A1		Concord Sylvania Insaver Slim	LED 2400lm 20W UGR19 4000K IP65 Fixed Output Recessed Downlight	Secure Lobby







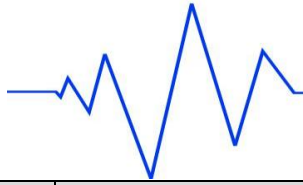
Reference	Image	Luminaire Name/ Type	Description of Luminaire	Typical application
A1e		Concord Sylvania Insaver Slim	LED 2400lm 20W UGR19 4000K IP65 Fixed Output Recessed Downlight c/w 3hr Emergency Pack	Secure Lobby
B		Concord Sylvania Start Spot Fire Rated	LED 800lm 9W 4000K IP65 Recessed Downlight	Studio
Be		Concord Sylvania Start eco Emergency	LED (Stand-Alone 3hr Emergency Spotlight) 170lm IP20 Recessed Emergency Downlight	Studio
C		Concord Sylvania Insaver Slim	LED 1075lm 9W UGR19 4000K IP44 Fixed Output Recessed Downlight	Reception Meeting Rooms Wellness







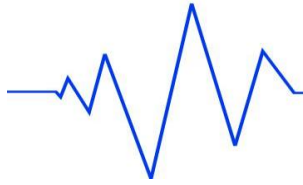
Reference	Image	Luminaire Name/ Type	Description of Luminaire	Typical application
Ce		Concord Sylvania Insaver Slim	LED 1075lm 9W UGR19 4000K IP44 Fixed Output Recessed Downlight c/w 3 hr Emergency Pack	Reception Meeting Rooms Wellness
D		Concord Sylvania Start Spot Fire Rated	LED 800lm 9W 4000K IP65 Recessed Downlight	Communal Corridor
F		Concord Sylvania Insaver Slim	LED 1075lm 9W UGR19 4000K IP65 Fixed Output Recessed Downlight	Toilets
Fe		Concord Sylvania Insaver Slim	LED 1075lm 9W UGR19 4000K IP65 Fixed Output Recessed Downlight c/w 3 hr Emergency Pack	Toilets



Reference	Image	Luminaire Name/ Type	Description of Luminaire	Typical application
G		Concord Sylvania Start eco Emergency	LED (Stand-Alone 3hr Emergency Spotlight) 170lm IP20 Recessed Emergency Downlight	Reception Meeting Rooms Wellness
H		Concord Sylvania Giotto 335	LED 2225lm 23W 4000K IP44 Fixed Output Decorative Surface Mounted Bulkhead	Stores
M		Concord Sylvania Resisto 1500	LED 7600lm 55W 4000K IP66 Fixed Output Weather Resistant Luminaire	Maintenance Plant Room
Me		Concord Sylvania Resisto 1500	LED 7600lm 55W 4000K IP66 Fixed Output Weather Resistant Luminaire c/w 3hr Emergency Pack	Maintenance Plant Room

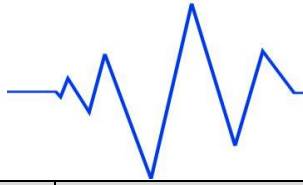



Reference	Image	Luminaire Name/ Type	Description of Luminaire	Typical application
N		Concord Sylvania Resisto 1500	LED 8500lm 61W 4000K IP66 Fixed Output Weather Resistant Luminaire	Bin Store
Ne		Concord Sylvania Resisto 1500	LED 8500lm 61W 4000K IP66 Fixed Output Weather Resistant Luminaire c/w 3hr Emergency Pack	Bin Store
T		Concord Sylvania Resisto 1500	LED 8500lm 61W 4000K IP66 Fixed Output Weather Resistant Luminaire	Roof Plant Area
Te		Concord Sylvania Resisto 1500	LED 8500lm 61W 4000K IP66 Fixed Output Weather Resistant Luminaire c/w 3hr Emergency Pack	Roof Plant Area



External Luminaire Schedule

Reference	Image	Luminaire Name/ Type	Description of Luminaire	Typical application
EX1		Kingfisher Lighting Vita-City Pro	LED 5880lm 40W IP65 Column Mounted Lantern (c/w 5m Steel Column)	External
EX2		Kingfisher Lighting Alfresco Eyelid	LED 1050lm 21W 4000K IP65 Fixed output External Wall Light	External
EX2e		Kingfisher Lighting Alfresco Eyelid	LED 1050lm 21W 4000K IP65 Fixed output External Wall Light c/w 3hr Emergency Pack	External
EX3		JCC Lighting ToughLED Pro	LED 4200lm 29W 4000K IP65 Weather Resistant Luminaire c/w Microwave Sensor	External



Reference	Image	Luminaire Name/ Type	Description of Luminaire	Typical application
EXIT		Channel Meteor	LED 52lm 3W IP65 Emergency Bulkhead Luminaire	External