DESIGN & ACCESS STATEMENT

College Building (Holden Building) SOAS University of London



April 2023

TERMS OF REFERENCE

This Design & Access Statement has been prepared by Neville Bruton Design on behalf of the School of Oriental and African Studies (SOAS), to support an application for listed building consent for essential interior refurbishment works to the Grade II College Building (Holden Building), SOAS University of London, Thornhaugh Street, London, WC1H 0XG.

It should be read in conjunction with other application documentation.

VISION & OBJECTIVES

The application for listed building consent is in relation to the SOAS Grade II listed College Building (Holden Building), situated within the Russell Square, University of London campus, which sits within the Bloomsbury Conservation Area.

The proposals relate to the interior refurbishment of existing toilet facilities located adjacent to the main stair, on the Ground to 4th floor levels of the College Building.

Utilising the existing toilet area footprint, the proposal is to provide inclusive (universal/gender neutral) self-contained toilet cubicles on each floor along with updating the accessible toilet facilities.

The proposals include the reconfiguration of access off the landing areas adjacent to the main stair into the facilities on each floor. The objective, primarily to move access to the accessible toilet off the main thoroughfare of the landing, this reducing congestion within busy thoroughfares and providing additional privacy to users accessing the facilities.

The existing toilets are not original to the building, although those that exist on the Ground and First Floors sit within a reduced footprint of the original building facilities, the foot print being modified following the introduction of the Link Bridge connections to the Philips Building.

The toilets have undergone reconfiguration and redesign on a number of occasions, as a consequence of major building project works, where new access points into the building have been created by the addition of the 1973 Philips Building and 2003 Research Block.

It is believed that the toilets located on the 2nd and 3rd floors were added c 1973. The interiors to the toilets were last refurbished circa 2003.

The proposed works comprise:

- The strip out of all sanitaryware, studwork partitioning and toilet cubicles
- The removal of floor and wall tiling, suspended ceiling tiles and grid
- The removal of the existing toilet landing entrance doors & frames
- Adaption of service infrastructure
- Blocking up the door openings to the existing accessible toilets
- Widening the openings to the existing toilet entrances to form open lobby areas
- Installation of new studwork to form new enclosures and service voids

- Installation of new sanitaryware
- Installation of new MF suspended ceilings
- Installation of new flooring
- Making good works disturbed in landing areas
- Modifications to service infrastructure & associated fire stopping

The proposals do not seek to increase the building's area or introduce significant changes in design or material finish.

SOAS are committed to the preservation of its listed assets. The challenge is to design and specify a scheme which respects the integrity and maintains the preservation of the building.

BACKGROUND

The Grade II College Building forms part of the SOAS central London campus, associated to the University of London and includes, the Philips Building (Grade II*), the Brunei Gallery, the Paul Webley Wing of Senate House (Grade II*), which sit within Sub Area 3 of the Bloomsbury Conservation Area and 53 Gordon Square (Grade II), which sits within Sub Area 2 of the Bloomsbury Conservation Area.

Please refer to the accompanying Heritage Statement for further detail

LOCATION PLAN



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SOAS is home to leading research and expertise on the global issues of today. Students engage with academics on these issues throughout their study.

It is uniquely placed to inform and shape current thinking about the economic, political, cultural, security and religious challenges of our world.

Its decolonial outlook on education allows it to strive for a more equal and just world through its teaching and research. It is committed to building bridges within the global communities and forging equitable global partnerships.

It challenges perspectives, broaches debate, and empowers its students to question the global status quo and find solutions to the issues facing the world today.

Its programmes are taught by respected international academics with inter-disciplinary expertise. These scholars are engaged in fieldwork and research that influences governments, industries, and communities across the world.

SOAS has a very diverse student base, from over a hundred different countries, and has a number of unique courses.

SOAS cater for approximately 6,145 students on campus with a further 2,140 off campus/distant learning students – Supported by 1,010 academic and professional services staff.

The College Building provides teaching rooms, academic and administration offices, welfare facilities and Students Union facilities. It provides the main SOAS reception focus and access to both the Philips Building and Research Block.

The Philips Building houses one of only five National Research Libraries in the UK, with over 1.5 million volumes, periodicals and audio-visual materials in 400 languages, focusing on Asia, Africa and the Middle East. It also provides teaching rooms, academic and administration offices and welfare facilities.

A full overview of the SOAS offer can be viewed at: <u>https://www.soas.ac.uk</u>

DESIGN BRIEF

The design brief issued by SOAS sets out their aspirations as follows:

SOAS propose to undertake essential interior refurbishment works. The primary focus of the proposals is to address deteriorating toilet facilities located adjacent to the main building access stair on the Ground to 4th floors. These being utilised by visitors, staff and students.

The aim of the project is to ensure the buildings long term and continued viability, by maintaining its assets through suitable and compliant interventions providing long-term and sustainable environments for its students and staff, which are fit for contemporary purpose and showcase the university and its facilities.

DESIGN APPROACH

The design approach has been based on the following principles:

- To sustain the significance of the listed building
- To maintain the viable use of the building
- To find solutions that do not adversely impact on either the interior or exterior of the building or its context within the site.
- To undertake modifications and repairs in a sensitive way, respecting the integrity of the original fabric with sympathetic use of new materials and finishes

POLICY CONTEXT

The proposals have been developed with reference to:

- English Heritage 'Conservation Principles, Policies and Guidance' 2008
- Planning (Listed Buildings and Conservation Areas) Act 1990
- National Planning Policy Framework 2021
- Camden Core Strategy 2010-2025 'Policy CS14 Promoting high quality places and conserving our heritage
- Bloomsbury Conservation Area Appraisal and Management Strategy Adopted 18 April 2011

DESIGN PRINCIPLES

The design proposals have been progressed through various studies, discussions and consultations with the SOAS and have been subject to further discussions, consultations and design amendments as the project has proceeded through the preparation of the listed building consent application.

The final design proposals show what can be summarised as the maximum change envisaged taking into account the ambitions of the brief, the limitations of altering a listed building, the sensitivities of the site and the target costs.

The primary focus of the proposals is to address worn, damaged and deteriorating interior finishes to the toilet facilities located on the Ground to 4th floors.

The layout of the building is to remain unchanged and the proposed works will not have an impact on the building and its surrounding environment.

USE

The use of the building will remain the same

APPEARANCE

It is hoped that the proposed works will have a positive impact on the appearance of the interior of the building. The potential impact the proposed work will have, is detailed within the section 'Statement of Justification' later in this document.

ACCESS

The proposed scope of works to the interior of the building do not represent a material change of use so do not require the wholesale upgrading of the building to comply with The Building Regulations Approved Document Part M except where material alterations are made, however the Equality Act 2010 and the Equality (Disability) Regulations 2010 requires service providers to make reasonable adjustments to any physical features that might put a person with a disability at a "substantial disadvantage".

There is both stepped and ramped access with intermediate landing points to the main entrance of the College Building, with step free access also available to the rear of the College Building. Both entrances offer lift access to upper and lower floor levels, the Link Bridge to the Philips Building and Research Block levels.

The Link Bridge connection between the College Building and Philips Building has a shallow ramped floor, the double leaf fire doors at the head of the ramp are fitted with magnetic hold opens with fail release under fire condition.

SOAS do not propose to structurally alter any of existing access points as part of the proposals under this application.

EXISTING LAYOUT & FINISHES

The existing toilet facilities, covered within these proposals are located at landing levels off the main access stair and provide:

- Accessible toilet facilities on the Ground 4th floors (5 cubicles)
- Female toilet facilities on the Ground, 2nd & 4th floors (total 15 cubicles)
- Male toilet facilities on the 1st & 3rd floors (total 4 cubicles, 6 urinals)

The existing toilet facilities considered under these proposals are not original to the building but were later additions following the remodelling of landing areas to accommodate the 1973 Link Bridge connection to the Philips Building. The toilets have undergone subsequent refurbishments including the later addition of accessible toilet facilities on each floor.

Utilising the existing toilet area footprint, the proposal is to provide inclusive (universal) selfcontained toilet cubicles on each floor along with updating the accessible toilet facilities, providing:

- Accessible toilet facilities on the Ground to 4th floors (total 5 cubicles)
- Inclusive self-contained toilet facilities on the Ground to 4th floors (total 20 cubicles)

Please refer to the below listed drawings and appendices for details of existing and proposed layouts and finishes.

Existing Drawings

- SOAS-CB-EX-WC-001(P) Existing Accessible & Male Toilets 1st & 3rd Floors (1:20 @ A1)
- SOAS-CB-EX-WC-002(P) Existing Accessible & Female Toilets Ground, 2nd & 4th Floors (1:20 @ A1)
- SOAS-CB-G-ExWC-001(P) Ground Floor Existing Toilet Location (1:200 @ A3)
- SOAS-CB-L1-ExWC-001(P) 1st Floor Existing Toilet Location 1:200 @ A3)
- SOAS-CB-L2-ExWC-001(P) Floor Existing Toilet Location (1:200 @ A3)
- SOAS-CB-L3-ExWC-001(P) Floor Existing Toilet Location (1:200 @ A3)
- SOAS-CB-L4-ExWC-001(P) 4th Floor Existing Toilet Location (1:200 @ A3)

Proposal Drawings

- SOAS-CB-PR-WC-001 (P) Rev A Proposed Accessible & Inclusive Toilets General Detail (1:20 @ A1)
- SOAS-CB-PR-WC-002(P) Rev A Proposed Accessible & Inclusive Toilets General Service Detail (1:20 @ A1)
- SOAS-CB-PR-WC-003(P) Rev A Existing & Proposed Toilet Lobby Area Floor Treatment (1.20 @ A1)
- APPENDIX A Photo Reference – Typical Existing Toilet Interior
- APPENDIX B Photo Reference – Ground - 4th Floor Toilet Access Landing Areas
- APPENDIX C Toilet Area & Toilet Lobby Floor & Wall Finishes
- APPENDIX D
 Proposed Wall Finishes
- APPENDIX E
 Proposed Lighting

EXISTING WALLS & ACCESS DOORS

The brickwork wall facing onto the landing at each level, containing the two points of access into the toilet area is a later modification to the building following the remodelling of the landings (c 1973) to accommodate access to the Philips Building. These walls have been further modified by the later addition of the accessible toilet cubicle door and associated modifications to the in situ composite marble coved skirting either side.

The two contemporary doors are 1/2HR FR flush panel oak veneered doors. The accessible toilet door is DDA compliant and opens directly onto the landing area and in close proximity to the stair.

PROPOSED WALLS & ACCESS DOORS

To accommodate the remodelled layout of the toilets on each floor, it is proposed that both existing doors and related frames be removed. The opening to the existing accessible toilet is proposed to be blocked up with lightweight concrete block with plaster finish, with a new section of in situ composite marble coved skirting installed to the landing side to match existing adjacent finishes.

It is proposed that the opening left by the removal of the main toilet access door be widened by approximately 300mm to form an open lobby area to afford off landing wheelchair access to the new accessible toilet. These works will involve the installation of a new lintel and repairs to the in situ cast composite marble coved skirting either side of the widened opening.

New compliant 1/2HR FR flush panel doors and frames will be installed within the new formed entrance partitions (main toilet area and accessible toilet).

EXISTING PARTITIONS

Partitions forming the interior spaces are constructed from timber studwork faced in plasterboard, with full height tiled finish.

PROPOSED NEW PARTITIONS

The reconfigured partition and cubicle layout is proposed to be constructed from metal studwork faced in 18mm thick plywood to take the proposed Whiterock (refer to Appendix D) wall finishes and plasterboard where a paint finish has been specified.

Acoustic matting is proposed to be installed within the studwork.

EXISTING SERVICE VOIDS & TOILET CUBICLES

Fixed and removable plywood panels faced in plastic laminate, supported on softwood grounds.

PROPOSED SERVICE VOIDS

Service voids will be formed using steel or timber studwork faced in 18mm thick plywood, finished in Whiterock.

EXISTING FLOOR FINISHES

Floors within both main toilet and accessible toilet areas are finished in contemporary matt ceramic glazed tiles.

Flooring on the landing area, on Ground to 3rd floor levels are in part original 'Biancola' precast marble composite tile, with in situ cast coved skirtings. There are later additions of marble composite tiles to the right hand side of the stairwell (outside the toilet areas) with later addition insets of in situ cast composite coved skirting either side of the two door openings to the toilet areas on these floors (refer to Appendix B), it is proposed that these later addition sections of in situ coved skirtings be removed in part and re cast following the removal and blocking up of the accessible toilet door and widening of the main toilet access threshold.

Flooring on the landing area, adjacent to the toilets on the 4th floor level is timber effect vinyl sheet with decorated softwood skirtings (refer to Appendix B).

PROPOSED FLOOR FINISHES

Floor finishes within the new formed toilet areas and associated skirtings are proposed as a matt porcelain terrazzo effect accented tile, the colour fleck within the tile selected to

compliment the Whiterock wall colour used within the new formed toilet areas on each floor level.

Floor finishes within the new formed open lobby area on Ground to 4th floor is proposed to be a matt porcelain terrazzo effect tile selected to match exterior lobby floor finishes.

New in situ cast composite coved skirting is proposed to be installed following the blocking up of the accessible toilet door and for repairs to the existing coved skirting either side of the widened opening.

Please refer to Appendix C – Toilet Area & Toilet Lobby Floor & Wall Finishes

EXISTING WALL FINISHES

Walls, skirtings and window sills within main toilet areas are finished in matt glazed tiles as are the floors within the accessible toilets.

Walls within the landing area are decorated plaster

PROPOSED WALL FINISHES

It is proposed that the interior of the toilet area, will be a combination of decorated plaster and Whiterock, a uPVC satin finish wall sheet, with welded joints, providing a hygienic and homogeneous finish to the area.

It is proposed that each floor level toilet area be finished in a different colour satin Whiterock with complimentary floor finish – Using different colours per floor provides a sense of where you are within the building.

Please refer to Appendix C – Toilet Area & Toilet Lobby Floor & Wall Finishes and Appendix D – Proposed Wall Finishes

Wall areas within the new formed open lobby together with making good of the main lobby area disturbed by the proposed works will be paint finished to match existing adjacent finishes.

EXISTING CEILINGS

Ceilings are a combination of metal frame suspended plasterboard and 600 x 600mm suspended ceiling grid with lay-in fibrous tiles, providing a service void above for mechanical and electrical services.

PROPOSED NEW CEILINGS

Metal frame suspended plasterboard ceilings are proposed throughout with the addition beaded frame access hatches to maintain access to the service void above.

EXISTING WINDOWS

Powder coated metal frame casements, with integral open ventilation grille. Glazing is fitted with internal vinyl obscuring film.

PROPOSED WINDOWS

The existing powder coated casement windows will not be affected by these works. It is proposed to replace the existing obscuring film with new.

EXISTING LIGHTING

Existing lighting installations comprise of downlighting within the suspend ceiling zones with integral emergency fittings.

PROPOSED LIGHTING

New lighting installations will be designed to be functional in use, to aid safe movement and provide compliant lighting levels and colour rendering applicable to specific area activities. Installations will generally utilise high quality colour temperature matched LED luminaires to minimise both energy consumption and heat gains to spaces.

It is proposed that recessed microwave sensor-controlled LEDs and emergency LED pin spots be installed within the reconfigured area.

Please refer to Appendix E – Proposed Lighting

EXISTING VENTILATION

Existing external mechanical plant provides extraction to the toilet areas, ductwork being routed through the toilet area vertical riser, branched at each floor.

Toilet fresh air is provided by existing open window grilles

PROPOSED VENTILATION

The existing external mechanical extraction plant and ductwork routed through the toilet area vertical riser, branched at each floor is to be retained, with modified distribution within each toilet area.

The existing widow grilles are to be maintained to provide fresh air

EXISTING SERVICES

Hot and cold water supplies and associated above ground drainage, small power, lighting distribution and fire control exist within the area.

PROPOSED SERVICES

Existing services will be stripped back to localised distribution points within the area and rerun/reconfigured to the new layout requirements.

PROCUREMENT

The proposed work will be procured by means of competitive tendering, with drawings and specifications and schedules of work. This process is important to maintain cost control within budgetary constraints and retain control over design quality, especially within the context of work to a listed building.

To comply with procurement policy 'equal and approved/equivalent' is required to be adopted during tendering of services, products and equipment. Details contained within this application therefore forms the basis of design intent and minimum performance requirements for the project.

STATEMENT OF JUSTIFICATION

The following issues have been considered during the preparation and development of the proposals.

• The importance of the building and its intrinsic architectural and historic interest on both a national and local level

The building forms part of the University of London campus which is an important and recognisable local landmark within Camden and which is recognised nationally. The building has architectural associations with Charles Holden, as mentioned earlier and within the accompanying Heritage Statement.

The proposals will not impact on the buildings intrinsic architectural or historical interest.

The proposals neither encroach on or involve the removal of original features

• Setting and contribution to the local scene

The elements of the proposed works will have a positive impact on the interior of the building but will not impact on the buildings setting and contribution to the local scene.

• Substantial benefits to the community The proposed works are such that they will not bestow any additional benefits to those already provided to the local community or economic regeneration of the area.

The maintenance and repair of the building however illustrates the continued investment and care by the SOAS of a locally important building.

APPENDIX A College Building Photographic Reference – Typical Existing Toilet Interior (3rd Floor Male Toilets)









APPENDIX B College Building Photographic Reference – Ground - 4th Floor Landing Area Toilet Access



Ground Floor Landing - Marble composite tile, with in situ cast coved skirtings



1st Floor Landing - Marble composite tile, with in situ cast coved skirtings



 $2^{\mbox{\scriptsize nd}}$ Floor Landing - Marble composite tile, with in situ cast coved skirtings



3rd Floor Landing - Marble composite tile, with in situ cast coved skirtings



4th Floor Landing – Sheet vinyl floor & softwood skirting

APPENDIX C Toilet Area & Toilet Lobby Floor & Wall Finishes

Main Toilet Areas Matt porcelain effect Terrazzo 600 x 600 tiles or equal and approved equivalent

Colour fleck within tile selected to complement the colour of the Whiterock wall finish within each toilet area.

TOILET ARBAY FARE AN ARLETINGSHESOLOUR COMBINATIONS

Utilising different toilet area colours per floor provides a sense of where you are within the building





Matt Porcelain Terrazzo Tile Lime Green

> Altro Whiterock Satins Orchard 223



Matt Porcelain Terrazzo Tile Ivory

> Altro Whiterock Satins Bergamont 220



Matt Porcelain Terrazzo Tile Bianco

> Altro Whiterock Satins Flint 201

TOILET LOBBY AREA FLOOR FINISH Flooring within the new formed toilet lobby area is to be selected to provide a close match to the existing Terrazzo tiles within the main lobby area



Matt Porcelain 600 x 600 Terrazzo Tile Kast White

APPENDIX D Proposed Wall Finish

Main Toilet Areas Altro Whiterock Satins or equal and approved equivalent



Altro Whiterock Satins[™]

Linen 41 LRV 83	Cesco 53 LRV 71	Echo 208 LRV 43	Oyster 32 LRV 70	Fawn 206 LRV 41
Ice 44 LRV 80	Urban 210 LRV 28	Seafoam 43 LRV 81	Citron 56 LRV 80	Fenland 219 LRV 13
Malva 57 LRV 68	Clarity 207 LRV 64	Mint 203 LRV 62	Daybreak 222 LRV 69	Sorbet 216 LRV 59
Zandra 217 LRV 24	Flint 201 LRV 32	Promenade 212 LRV 32	Glow 215 LRV 50	Scarlett 221 LRV 13
Viola 214 LRV 13	Ozone 211 LRV 10	Vibrance 213 LRV 22	Olea 218 LRV 28	Bergamot 220 LRV 26
Dakota 209 LRV 6		Orchard 22 LRV 50	3	





Typical applications / Typische Anwendungsbereiche / Zonas de instalación recomendadas / Type d'applications

Bathrooms, showers and changing rooms. Operating theatres and wards. Splashbacks. Cooking and food preparation areas. Serveries. Kitchens open to public view. Küchen, Essenstheken, Lebensmittelzubereitung. Showküchen. Klinische-, Pflege- und Spa-Bereiche: Badezimmer, Duschen und Umkleiden. Operationssäle und Stationen. Baños, duchas y zonas de vestuarios. Quirófanos y pasillo. Salpicaderos. Zonas de cocinado y preparación de alimentos. Minibares. Cocinas abiertas al público. Salles de bain, douches et vestiaires. Blocs opératoires et salles d'hôpitaux. Crédences de cuisine.

Technical information / Technische Informationen / Información técnica / Information technique

Surface finish	Oberfläche	Acabado de la superficie	Finition		Satin, Satin, Satinado, Satin
Thickness	Gesamtdicke	Espesor	Epaissseur		2.5 mm
Size	Größe	Dimensiones	Dimension		2500 mm x 1220 mm 3000 mm x 1220 mm
Weight	Flächengewicht	Peso	Poids		3600 g/m²
Maximum service temperature	Max. Betriebstemperatur	Temperatura máxima de uso	Température maximale supportée		60°C
E-modulus of elasticity	Bruchfestigkeit	Módulos de elasticidad	Module d'élasticité	ISO 527	2950 MPa
Notched Impact resistance	Kratz- und Kerbzähigkeit (Charpy)	Resistencia al impacto	Résistance à l'impact	ISO 179/1ea	9.5 KJ/m²
Flexural strength	Biegefestigkeit	Resistencia a la flexión	Résistance à la flexion	ISO 178	70 MPa
Tensile strength	Zugfestigkeit	Resistencia a la tensión	Résistance à la traction	ISO 527	52 MPa
Shore D hardness	Shore D-Härte	Dureza (Shore D)	Dureté Shore D	ISO 868	76
Thermal conductivity- 'K Value'	Wärmeleitung	Conductividad térmica	Conductivité thermique	EN 12524	0.17 W/mK
Water absorption	Wasserabsorption	Absorción de agua	Imperméabilité	ISO 62	≤ 0.1%
Moisture vapour transmission rate (MVTR)	Wasserdampfdurchlässigkeitsrate (MVTR)	Rango de transmisión de humedad de vapor (MVTR)	Taux de transmission de vapeur d'eau	ASTM E96	≤ 0.12 g/m²/24h
Fire performance	Brandverhalten	Resistencia al fuego	Réaction au feu	EN 13501-1 BS 476 pt 6	B- s3, d0 Class 0, Klasse 0, Clase 0, Classe 0



Installation and maintenance / Verlegung und Pflege / Instalación y mantenimiento / Pose et entretien

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Veuillez vous référer aux instructions de notre guide d'installation et d'entretien. Le non respect de ces instructions peut affecter la performance du revêtement. L'information technique sur la pose est également disponible sur notre site internet www.altro.fr

Light Reflectance Values measured in accordance with BS 8493:2008. Exact material match with samples cannot be guaranteed. LRV = light reflectance value

Lichtreflexionsgrad (LRV) gemäß BS 8493:2008. Eine exakte Übereinstimmung des Materials mit Mustern kann nicht garantiert werden. LRV = Lichtreflexionsgrad

Los Valores de Reflectancia de la luz se miden de acuerdo con BS 8493:2008. Las muestras no pueden garantizar un color exacto.

LRV = Valor de reflectancia de la Luz

Les valeurs de l'indice de Réflexion Lumineuse sont mesurées conformément au BS 8493:2008. Les échantillons ne peuvent garantir le coloris exact. LRV = IRL : Indice de Réflexion Lumineuse

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Mount Lighting M-Line Recessed Trimless System Linear LED Halo 650mm Dia surface mounted LED or equal and approved equivalent



LIGHTING THE WA

M-LINE RECESSED TRIMLESS SYSTEM



Construction

The recessed trimless system is available in standard lengths up to 2824mm with bespoke formations and continuous lengths available to order. The standard system is designed for ceiling mounting, however, wall mounting systems can be supplied on request. Installation is simple using the easy-fix bracket system.

Typical Applications

General Office Areas, Conference Rooms, Reception Areas, Educational Facilities, Retail Units, Bars, Restaurants, Hotels and Leisure Facilities, and Residential Properties.

- // Unique trim enables easy finishing with ceiling
- // Aluminium extruded sections in 9 standard lengths// Bespoke lengths available to order in 140mm
- increments
- // 104 lumens per watt
- // Colour options in 3000K/4000K/5000K
- // Custom shaped formations available subject to design
- // Incorporates European branded LED drivers
- " Utilises latest generation long-life LEDs from leading manufacturers
- // Clip-in gear tray for easy installation
- // Opal polycarbonate diffuser
- // Tuneable white and RGB options available
- // Dimmable and emergency options available
- // Compatible with Casambi wireless control system
- // CRI>80, 50,000h life
- // 5-year warranty



For more information, call us on 01582 369005 or email sales@mountlighting.co.uk



M-LINE RECESSED TRIMLESS SYSTEM





Recessed Trimless System						
Product Code	LED Wattage	Lumen Output	Lumen/Watt	Colour Temperature	Size	Cutout Dimensions
MLERT584	12.5W	1298	104	4000K	584mm	584mm x 52mm
MLERT864	19W	1947	104	4000K	864mm	864mm x 52mm
MLERT1144	25W	2596	104	4000K	1144mm	1144mm x 52mm
MLERT1424	31W	3245	104	4000K	1424mm	1424mm x 52mm
MLERT1704	37.5W	3895	104	4000K	1704mm	1704mm x 52mm
MLERT1984	44W	4543	104	4000K	1984mm	1984mm x 52mm
MLERT2264	50W	5192	104	4000K	2264mm	2264mm x 52mm
MLERT2544	56W	5841	104	4000K	2544mm	2544mm x 52mm
MLERT2824	62.5W	6490	104	4000K	2824mm	2824mm x 52mm
NOTE: Langar been also lengths qualible in 1/0mm in suprants						

NOTE: Longer bespoke lengths available in 140mm increments.



Control Options

Option Code	Description
/M	3 Hour Maintained Emergency
/MZ	3 Hour Maintained DALI Emergency
/D	1-10V Driver
/DALI	DALI/DSI Dimmable Driver
/зк	3000K LED
/5K	5000K LED
/RGB	Colour Changing LED
/BTC	Casambi Dimmable

For optional features, please include the option code suffix with the product code when ordering.



HALO



Construction

The Halo is designed to be surface mounted or suspended to a single suspension point. Available in 5 different sizes and a wide variety of RAL colours. It is the ideal option when lighting a large open space or simply wanting to create a stunning feature. The versatility of the aluminium body and LED technology used allows for inclusion of many control options including dimming, emergency options, wireless switching and scene-setting Casambi control technology.

Typical Applications

General Office Areas, Conference Rooms, Reception Areas, Educational Facilities, Retail Units, Bars, Restaurants, Hotels and Leisure Facilities, and Residential Properties.

- // Decorative surface/suspended LED luminaire
- // European branded LED drivers
- // Up to 83 lumens per circuit watt
- // Direct/Indirect option available 90:10 ratio
- // Extruded aluminium body available in 16 colours
- // Colour-matched ceiling rose
- *II* 650mm, 950mm, 1250mm, 1550mm and 1950mm diameter body
- // LED 4000K, CRI>80, 50,000h life
- // Opal polycarbonate diffuser
- // Compatible with Casambi wireless control system
- // 5-year warranty

		SURFACE	
		SUSPENDED	

For more information, call us on 01582 369005 or email sales@mountlighting.co.uk



HALO

Product Code	LED Wattage	Lumen Output	Lumen/Watt	Colour Temperature	Size	
Halo Surface and Suspended						
HLO36	39W	3042	78	4000K	650 x 65 x 85mm	
HLO54	56W	4424	79	4000K	950 x 65 x 85mm	
HLO72	73W	5840	80	4000K	1250 x 65 x 85mm	
HLO90	89W	6942	78	4000K	1550 x 65 x 85mm	
HLO108	112W	8736	78	4000K	1950 x 65 x 85mm	
Halo Suspended Direct/Indirect/90% Direct + 10% Indirect						
HLO36/DIR/IND	39W	3120	80	4000K	650 x 65 x 85mm	
HLO54/DIR/IND	56W	4592	82	4000K	950 x 65 x 85mm	
HLO72/DIR/IND	73W	6059	83	4000K	1250 x 65 x 85mm	
HLO90/DIR/IND	89W	7031	79	4000K	1550 x 65 x 85mm	
HLO108/DIR/IND	112W	8960	79	4000K	1950 x 65 x 85mm	

Control Options

Option Code	Description
/M	3 Hour Maintained Emergency
/MZ	3 Hour Maintained DALI Emergency
/D	1-10V Driver
/DALI	DALI/DSI Dimmable Driver
/3K	3000K LED
/BTC	Casambi Dimmable

Suspension Options

Option Code	Description			
Ceiling Rose with Central Suspension Point (including 1.5m wires)				
CRI	Ceiling Rose Kit for 650 and 950mm versions - 3 wire			
CR2	Ceiling Rose Kit for 1250mm versions - 4 wire			
CR3	Ceiling Rose Kit for 1550mm versions - 5 wire			
CR4	Ceiling Rose Kit for 1950mm versions - 6 wire			
Colour-matched Ceiling	g Rose supplied unless specified otherwise			
Vertical Suspension Se	ets (Including 1.5m wires)			
SUSKIT -TI	Suspension Kit for 650 and 950mm versions - 3 wire			
SUSKIT -T2	Suspension Kit for 1250mm versions - 4 wire			
SUSKIT -T3	Suspension Kit for 1550mm versions - 5 wire			
SUSKIT -T4	Suspension Kit for 1950mm versions - 6 wire			
Ceiling Rose for Vertic	al Suspension (Excluding wires)			
CRO	Ceiling Rose with Vertical Suspension Sets			
Supply Cable				
CABTR3C	1.5m Transparent Current Cable 3 x0.75 mm ²			
CABTR5C	1.5m Transparent Current Cable 5 x0.75 mm ²			
NOTE: Alternative length suspension kits available - POA				

For optional features, please include the option code suffix with the product code when ordering.

Colour Options

Option Code	Description
/w	White (RAL 9016)
/G	Grey (RAL 9006)
/в	Black (RAL 9005)
/U (POA)	Blue (RAL 5002)
/V (POA)	Green (RAL 6018)
/T (POA)	Yellow (RAL 1021)
/K (POA)	Red (RAL 3020)
/N (POA)	Jungle
/D (POA)	Goldeneye
/0 (POA)	Sahara
/L (POA)	Autumn
/R (POA)	Rusty chain
/C (POA)	Pure chocolate
/1 (POA)	Mist
/9 (POA)	Darkrock
/I (POA)	Carbon









