

École Jeannine Manuel

43 – 45 BEDFORD SQUARE



LUMINAIRE STUDY

Luminaire Type A1



Martinelli Luce
Circular Pol 2057/DIM/NE
8 x 36W Dimmable fluorescent
pendant fitting in Black finish with
white opaline diffuser.
1500mm dia. x 140mm H
22kg weight

Notes:

For Heritage - The fitting has been selected to replace the existing, central pendant fitting within these rooms. The style is contemporary, and the 'ring' shape of the fitting ensures that despite the large size of fitting, the features of the ceilings are not overpowered by the fitting itself. The fitting itself is large to accommodate suitable lamps that in conjunction with type H1 wall lights serve to illuminate the room suitably for its purpose without requiring any additional ceiling lighting.

Luminaire Type A2



Reference: A2
Martinelli Luce
Circular Pol 2057/J/DIM
6 x 24W Dimmable fluorescent
pendant fitting in Black finish with
white opaline diffuser.
900mm dia. x 140mm H
11kg weight

Notes:

Smaller version of A1 for
utilisation within the ground floor
main reception room.

Luminaire Type B1



Reference B1

Twintech Lighting

Maxim T5 1372

1 x 28W linear fluorescent, IP65
rated surface mount fitting in
white finish

1265mm L x 132mm W x 95mm
H

Notes:

Utility fitting for boiler rooms, etc..

Luminaire Type C2 (refer D1, D2 sheet for aesthetic of fitting)

Reference: C2
Twintech Lighting

This will be a custom built light fitting.

Linear LED up/downlighter in Zintec steel painted RAL 9010 Pure White. With white opaline diffuser and non dimmable high frequency gear. The uplighting component will be provided by twin 45 degree angled LED strips in the top of the housing. This will serve to spread the uplight out as far as possible due to the width of the room and the presence of a single row of fittings only. This fitting will be an LED fitting in order to achieve required efficiency levels

This fitting will be custom made with the following dimensions
1200mm L x 100 W x 140mm H

Fittings to be coupled together and installed in continuous rows. Once coupled, the fittings will be secured via an internal stud – no externally visible screws. There will be join lines between each 1200mm fitting visible, and the diffusers will not be a seamless piece.

Aesthetically, the fitting will appear similar to the 'D2' fitting.

Notes:

To also be utilised within the 3rd floor rooms, located appropriately within ceiling coffers.



Typical coupling (generic metal work shown) – fittings will slide together and be secured via an internal stud. There will be no visible screws. Full manufacturing drawings will be provided when available.

Luminaire Type D1, D2

Reference: D1

Twintech Lighting

Target

1 x 54W fluorescent surface mount fitting in RAL 9010 Pure White finish with louvre. To be manufactured from Zintec steel and painted appropriately. Non dimmable with high frequency electronic gear.
1200mm L x 70mm W x 80mm H

Notes:

Surface mounted fitting primarily for use within the basement level classrooms. Fitted with louvre to maximise efficiency

Reference: D2

Twintech Lighting

Target

1 x 54W fluorescent recessed fitting in RAL 9010 Pure White finish with opaline diffuser. To be manufactured from Zintec steel and painted appropriately. Non dimmable with high frequency electronic gear.
1200mm L x 70mm W x 80mm H

Notes:

Recessed mounted fitting primarily for use certain areas of dropped ceiling within the Mews area.



Luminaire Type E, E1



Reference: E

Twintech Lighting

Task 8020

3W non maintained recessed emergency downlight, in RAL 9010 Pure white finish aluminum housing, with narrow optic for corridor usage and 3 hour battery pack.

50mm dia. x 45mm H

Notes:

Generally to be installed in the positions of existing emergency light fittings where possible.

Reference: E1

Twintech Lighting

Task 8025

3W non maintained recessed emergency downlight, in RAL 9001 white finish aluminum housing, with wide optic for open area usage and 3 hour battery pack.

50mm dia. x 45mm H

Notes:

Generally to be installed in the positions of existing emergency light fittings where possible.

Luminaire Type E3



Reference: E3
Twintech Lighting
Vortex 8000
1W non maintained surface
mounted emergency downlight, in
Polished Steel housing to match
finish of end caps on J fittings. (3
hour battery pack.)
120mm dia. x 65mm H

Notes:

This fitting is to be mounted
directly below the 'J1' wall
mounted fittings to provide
emergency lighting as those
fittings cannot be supplied as
emergency light fittings.

Luminaire Type EXIT



Reference: EXIT
Twintech Lighting
Romex 8030 (single sided)/8031
(double sided)
3W maintained surface mounted
emergency exit sign.
Manufactured in Zintech steel
painted RAL 9010 white. With 3
hour battery pack.
300mm W x 40mm D x 195mm H

Notes:

Luminaire Type F2, F3



← 175mm →

Reference: F2, F3
Twintech Lighting

These will be custom built fittings.

F2 - 16W LED surface mounted LED downlighter with acrylic, partly frosted ring. This will be of the same design as the previously submitted downlight 'TOMO' which is pictured. However, the dimensions will be 175mm dia. x 100mm H. Body manufactured from stainless steel.

F3 – As above, but recessed such that only glass is visible

Notes:

The F2 fitting is to be mounted within all circulation and toilet areas throughout Nos. 43 - 45.

F3 is to be used throughout the Mews

Luminaire Type H1



Reference: H1

Molto Luce

System 01 570 – WL255E

2 x 55W fluorescent wall mounted up/downlighter fitting in RAL 9010 finish with dimmable gear.

Manufactured from aluminium.

600mm W x 46mm H x 205mm D

Notes:

Generally to be installed in the positions of existing wall mounted fittings within the 3No. first floor rooms at the front of Nos. 43-45. New chases will be required as existing cable routes unsuitable for use.

For Heritage - The fitting has been selected to replace the existing, wall fittings within these rooms in the same position, whilst providing a contemporary aesthetic to complement the central pendant light fitting.

Luminaire Type J1



Reference: J1

Sammode Lighting

Niepce 40 APP 13030010

14W T5 wall mounted fitting in polished steel finish for end caps with non dimmable high frequency gear. Also fitted with reflector to concentrate light onto stair. IP68 rated with polycarbonate main body. 40mm dia. x 600mm H x 65mm D

Notes:

Generally to be installed in the positions of existing wall mounted fittings on staircases and entrance lobbies in Nos. 43-45. New chases will be required as existing cable routes unsuitable for use. Also a number externally in the Mews area.

Note the original architectural specification was adhered to, but the range has been superseded with a new range utilising more efficient lamps. This has resulted in a slight increase in length.

Luminaire Type K1



Reference: K1

Twintech Lighting

ZIP 8025

28W surface mounted batten

manufactured from Zintec steel in

white finish in RAL 9010 white finish,

with prismatic diffuser

1210mm L x 90mm W x 85mm H

Notes:

Generally to be installed back of house areas. Also available as emergency type.

Luminaire Type M



Reference: M

Twintech Lighting

Bob 1412

24W compact fluorescent surface
mounted, IP65 rated bulkhead fitting in
white finish.

330mm dia. x 125mm D

Notes:

Generally installed in back of house
areas. Also available as emergency
type.

Luminaire Type N



Reference: N

Twintech Lighting

Focus 16W LED bulkhead, IP65 rated and wall mounted. Manufactured from aluminium in RAL 9010 finish.

350mm dia. x 150mm D

Notes:

Installed to illuminate escape stair areas from courtyard level Nos. 43-45. Also available as emergency type.