



**196 DEANS GATE 5TH FLOOR REFURBISHMENT
TECHNICAL SCHEDULES
FOR THE
ELECTRICAL SERVICES**

Issue Status:	TENDER ISSUE
Document Ref:	35660-975700
Date of Issue:	
Revision: (see next page for details)	P01
Author:	Ahmed Syed
Checked By:	Barry Turpin
Approved By:	Simon Ramsden

Moran Partnership Ltd. Enquiries about copyright should be made to the Technical Director at the Hilson Moran Partnership Ltd offices in London.

SCHEDULE REVISION HISTORY

<u>Rev.</u>	<u>Date</u>	<u>Schedule</u>	<u>Details</u>
P01	02/08/2024	Luminaire	Tender Issue

E975700 **Schedule of Luminaires**
HM PROJECT: **35660**
REVISION: **P01**
PROJECT NAME: **196 Deansgate 5th Fl Refurb**

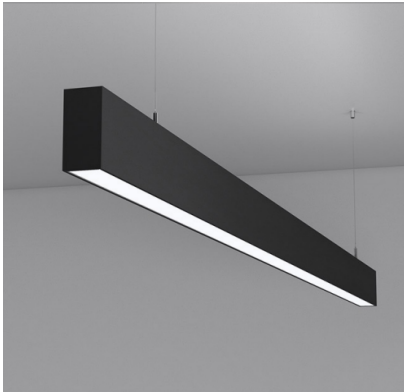
INDEX TO SCHEDULES	
E975701	Luminaires Type A1
E975702	Luminaires Type A2
E975703	Luminaires Type B1
E975704	Luminaires Type B2
E975705	Luminaires Type C
E975706	Luminaires Type F1E
E975707	Luminaires Type G1
E975708	Luminaires Type P1
E975709	Luminaires Type E
E9757010	Luminaires Type H
E9757011	Luminaires Type J
E9757012	Luminaires Type K
E9757013	Luminaires Type L1
E9757014	Luminaires Type L2
E9757015	EXIT
Last Page	Notes

E975701 **SCHEDULE OF LUMINAIRES**
HM PROJECT: **35660**
REVISION: **P01**
PROJECT NAME: **196 Deansgate 5th Fl Refurb**

LUMINAIRE REF:	A1, A1E (E denotes emergency version)
LOCATION:	Agile Working Spaces, Meeting Rooms, and Open-plan Desking Spaces
DESCRIPTION	Suspended LED linear direct/indirect luminaire with matt black aluminium profile with low glare prismatic optic
	
Manufacturer(s)	Impact Lighting Solutions
Model	IPO 50
Cat. No.	-
Lamp	LED
Lamp output	5679 lumens
Lamp colour	4000 K
CRI	90
IP rating	IP20
<i>Light distribution</i>	<i>Direct and Indirect</i>
Control gear	DALI
Dimming	Yes
Efficacy	Up to 125 lm/W
Luminaire maximum circuit Watts	53 W
Colour / finish	Black
Emergency lighting	Yes
Dimensions	1266[L] x 50[W] x 75[D] mm

To be read in conjunction Section E57 and the Scope of Services and Design Parameters Sections of the Electrical Services Specification

E975702 **SCHEDULE OF LUMINAIRES**
HM PROJECT: **35660**
REVISION: **P01**
PROJECT NAME: **196 Deansgate 5th Fl Refurb**

LUMINAIRE REF:	A2, A2E (E denotes emergency version)
LOCATION:	Agile Working Spaces, Meeting Rooms, and Open-plan Desking Spaces
DESCRIPTION	Suspended LED linear direct/indirect luminaire with matt black aluminium profile with low glare prismatic optic
	
Manufacturer(s)	Impact Lighting Solutions
Model	IPO 50
Cat. No.	-
Lamp	LED
Lamp output	10355 lumens
Lamp colour	4000 K
CRI	90
IP rating	IP20
Light distribution	Direct and Indirect
Control gear	DALI
Dimming	Yes
Efficacy	Up to 125 lm/W
Luminaire maximum circuit Watts	97 W
Colour / finish	Black
Emergency lighting	Yes
Dimensions	2246[L] x 50[W] x 75[D] mm

To be read in conjunction Section E57 and the Scope of Services and Design Parameters Sections of the Electrical Services Specification

E975703 **SCHEDULE OF LUMINAIRES**
HM PROJECT: **35660**
REVISION: **P01**
PROJECT NAME: **196 Deansgate 5th Fl Refurb**

LUMINAIRE REF:	B1, B1E (E denotes emergency version)
LOCATION:	Circulation spaces, Meeting Rooms, Kitchen, Tea Point, and Agile Working Space 2
DESCRIPTION	Suspended LED feature downlight luminaire
	
Manufacturer(s)	Impact Lighting Solutions
Model	Cloud Pendant Rose
Cat. No.	-
Lamp	LED
Lamp output	762 lumens
Lamp colour	4000 K
CRI	98
IP rating	-
Light distribution	Downwards
Control gear	DALI
Dimming	Yes
Efficacy	86 lm/W
Luminaire maximum circuit Watts	13.5 W
Colour / finish	Matt Black (TBC with Architect by ESI prior to order)
Emergency lighting	Yes
Dimensions	Ø60 x 1162 mm

To be read in conjunction Section E57 and the Scope of Services and Design Parameters Sections of the Electrical Services Specification

E975704 **SCHEDULE OF LUMINAIRES**
HM PROJECT: **35660**
REVISION: **P01**
PROJECT NAME: **196 Deansgate 5th Fl Refurb**

LUMINAIRE REF:	B2, B2E (E denotes emergency version)
LOCATION:	Toilet Lobby Areas
DESCRIPTION	Suspended LED feature downlight luminaire
	
Manufacturer(s)	Impact Lighting Solutions
Model	Cloud Pendant Rose
Cat. No.	-
Lamp	LED
Lamp output	762 lumens
Lamp colour	4000 K
CRI	98
IP rating	IP54
<i>Light distribution</i>	<i>Downwards</i>
Control gear	DALI
Dimming	Yes
Efficacy	86 lm/W
Luminaire maximum circuit Watts	13.5 W
Colour / finish	Matt Black (TBC with Architect by ESI prior to order)
Emergency lighting	Yes
Dimensions	Ø60 x 1162 mm

To be read in conjunction Section E57 and the Scope of Services and Design Parameters Sections of the Electrical Services Specification

E975705 **SCHEDULE OF LUMINAIRES**
HM PROJECT: **35660**
REVISION: **P01**
PROJECT NAME: **196 Deansgate 5th Fl Refurb**

LUMINAIRE REF:	C, CE (E denotes emergency version)
LOCATION:	Toilet Cubicles
DESCRIPTION	Recessed LED Downlight
	
Manufacturer(s)	Impact Lighting Solution
Model	One Fixed - origin high natural output
Cat. No.	-
Lamp	LED
Lamp output	845 lumens
Lamp colour	4000 K
CRI	98
IP rating	IP54
<i>Light distribution</i>	<i>Downward</i>
Control gear	Fixed output
Dimming	No
Efficacy	82 lm/W
Luminaire maximum circuit Watts	12.5 W
Colour / finish	White
Emergency lighting	Yes
Dimensions	Ø80 x 68.6 mm

To be read in conjunction Section E57 and the Scope of Services and Design Parameters Sections of the Electrical Services Specification

E975706 **SCHEDULE OF LUMINAIRES**
HM PROJECT: **35660**
REVISION: **P01**
PROJECT NAME: **196 Deansgate 5th Fl Refurb**

LUMINAIRE REF:	F1E (E denotes emergency version)
LOCATION:	Comms/Store, and Plant Rooms
DESCRIPTION	Surface / suspended IP65 LED linear luminaire
	
Manufacturer(s)	Impact Lighting Solutions
Model	Vin
Cat. No.	-
Lamp	LED
Lamp output	2800 lumens
Lamp colour	4000 K
CRI	80
IP rating	IP65
Light distribution	Downward
Control gear	Fixed output
Dimming	No
Efficacy	140 lm/W
Luminaire maximum circuit Watts	19 W
Colour / finish	Grey
Emergency lighting	Yes
Dimensions	1190[L] x 73[W] x 73[D] mm

To be read in conjunction Section E57 and the Scope of Services and Design Parameters Sections of the Electrical Services Specification

E975707 **SCHEDULE OF LUMINAIRES**
HM PROJECT: **35660**
REVISION: **P01**
PROJECT NAME: **196 Deansgate 5th Fl Refurb**

LUMINAIRE REF:	G1
LOCATION:	Light Shafts all around the Open-working Space
DESCRIPTION	Custom length mini profile with continuous LED lighting (including corners), surface mounted inside a pelmet or cove, Opal Polycarbonate diffuser - to be coordinated with Architects details
	
Manufacturer(s)	Optelma Architectural Lighting
Model	Firo Nano
Cat. No.	-
Lamp	LED
Lamp output	500 lm/M
Lamp colour	4000 K
CRI	90+
IP rating	IP20
Light distribution	Upwards
Control gear	DALI
Dimming	Yes
Efficacy	-
Luminaire maximum circuit Watts	5 W/M
Colour / finish	White
Emergency lighting	No
Dimensions	12 [W] x 8.0 [H] x <i>Made-to-measure lengths</i> mm

To be read in conjunction Section E57 and the Scope of Services and Design Parameters Sections of the Electrical Services Specification

E975708 **SCHEDULE OF LUMINAIRES**
HM PROJECT: **35660**
REVISION: **P01**
PROJECT NAME: **196 Deansgate 5th Fl Refurb**

LUMINAIRE REF:	P1
LOCATION:	Meeting Rooms, Kitchen, Tea Point, and V-Call Booths
DESCRIPTION	Suspended LED Pendant
	
Manufacturer(s)	Impact Lighting Solutions
Model	Arani Pendant
Cat. No.	-
Lamp	LED
Lamp output	2281 lumens
Lamp colour	4000 K
CRI	90
IP rating	IP20
<i>Light distribution</i>	<i>Downwards</i>
Control gear	DALI
Dimming	Yes
Efficacy	96 lm/W
Luminaire maximum circuit Watts	28 W
Colour / finish	Black
Emergency lighting	No
Dimensions	ø90 x 230 mm

To be read in conjunction Section E57 and the Scope of Services and Design Parameters Sections of the Electrical Services Specification

E975709 **SCHEDULE OF LUMINAIRES**
HM PROJECT: **35660**
REVISION: **P01**
PROJECT NAME: **196 Deansgate 5th Fl Refurb**

LUMINAIRE REF:	E
LOCATION:	Lobby areas, V-call booths, and Agile Working 1
DESCRIPTION	Recessed stand alone emergency 'pin spot' luminaire
	
Manufacturer(s)	Impact Lighting Solutions
Model	EM-LED MAX
Cat. No.	-
Lamp	LED
Lamp output	270 lm
Lamp colour	-
CRI	-
IP rating	IP20
Light distribution	Downwards
Control gear	Fixed
Dimming	No
Efficacy	-
Luminaire maximum circuit Watts	3 W
Colour / finish	White
Emergency lighting	Yes
Dimensions	ø39.5 x 29.8 mm

To be read in conjunction Section E57 and the Scope of Services and Design Parameters Sections of the Electrical Services Specification

E9757010 **SCHEDULE OF LUMINAIRES**
HM PROJECT: **35660**
REVISION: **P01**
PROJECT NAME: **196 Deansgate 5th Fl Refurb**

LUMINAIRE REF:	H
LOCATION:	Lobby area
DESCRIPTION	Suspended feature LED pendant complete with perforated mesh core and frosted brown glass
	
Manufacturer(s)	Resident / Tim Rundell
Model	Bloom Pendant Small
Cat. No.	-
Lamp	LED
Lamp output	610 lumens
Lamp colour	3000 K
CRI	90
IP rating	-
<i>Light distribution</i>	<i>Downwards</i>
Control gear	-
Dimming	Yes
Efficacy	-
Luminaire maximum circuit Watts	42 W
Colour / finish	Black
Emergency lighting	No
Dimensions	ø240 x 260 mm

To be read in conjunction Section E57 and the Scope of Services and Design Parameters Sections of the Electrical Services Specification

E9757011 **SCHEDULE OF LUMINAIRES**
HM PROJECT: **35660**
REVISION: **P01**
PROJECT NAME: **196 Deansgate 5th Fl Refurb**

LUMINAIRE REF:	J
LOCATION:	Light Shafts throughout the Open-working Spaces
DESCRIPTION	Surface mounted adjustable Spotlight
	
Manufacturer(s)	Astro Lighting
Model	Ascoli Single Switched
Cat. No.	1286079
Lamp	LED
Lamp output	6W
Lamp colour	4000k
CRI	CR90
IP rating	IP20
<i>Light distribution</i>	<i>Upwards</i>
Control gear	-
Dimming	<i>No</i>
Efficacy	
Luminaire maximum circuit Watts	6 W
Colour / finish	Matt Black
Emergency lighting	<i>No</i>
Dimensions	103 [H] x 90 [W] x 130 [D]

Note: ESI to supply 500mm G10 lamp

To be read in conjunction Section E57 and the Scope of Services and Design Parameters Sections of the Electrical Services Specification

E9757012 **SCHEDULE OF LUMINAIRES**
HM PROJECT: **35660**
REVISION: **P01**
PROJECT NAME: **196 Deansgate 5th Fl Refurb**

LUMINAIRE REF:	K
LOCATION:	Lobby Area
DESCRIPTION	Track Mounted LED adjustable spotlight
	
Manufacturer(s)	Astro Lighting
Model	Ascoli Track
Cat. No.	1286052
Lamp	LED
Lamp output	50W max (to match level 4)
Lamp colour	TBC (to match level 4)
CRI	TBC (to match level 4)
IP rating	IP20
<i>Light distribution</i>	<i>Downwards/Sideways</i>
Control gear	-
Dimming	Yes
Efficacy	-
Luminaire maximum circuit Watts	50 W
Colour / finish	Textured Black
Emergency lighting	No
Dimensions	ø57 x 141 mm

To be read in conjunction Section E57 and the Scope of Services and Design Parameters Sections of the Electrical Services Specification

E9757013	SCHEDULE OF LUMINAIRES
HM PROJECT:	35660
REVISION:	P01
PROJECT NAME:	196 Deansgate 5th Fl Refurb

LUMINAIRE REF:	L1
LOCATION:	Agile Working 1
DESCRIPTION	Suspended LED feature circular profile pendant with direct / indirect distribution and opal diffuser.
	
Manufacturer(s)	Sattler
Model	Doppio Direct
Cat. No.	-
Lamp	LED
Lamp output	10956 lumens
Lamp colour	4000 K
CRI	90
IP rating	IP50
Light distribution	Downwards / upwards
Control gear	DALI
Dimming	Yes
Efficacy	57.1 lm/W
Luminaire maximum circuit Watts	192 W
Colour / finish	Black Fine Textured
Emergency lighting	No
Dimensions	ø3500 x 48 mm

To be read in conjunction Section E57 and the Scope of Services and Design Parameters Sections of the Electrical Services Specification

E9757013	SCHEDULE OF LUMINAIRES
HM PROJECT:	35660
REVISION:	P01
PROJECT NAME:	196 Deansgate 5th Fl Refurb

LUMINAIRE REF:	L2
LOCATION:	Agile Working 1
DESCRIPTION	Suspended LED feature circular profile pendant with direct / indirect distribution and opal diffuser.
	
Manufacturer(s)	Sattler
Model	Doppio Direct
Cat. No.	-
Lamp	LED
Lamp output	4048 lumens
Lamp colour	4000 K
CRI	90
IP rating	IP50
Light distribution	Downwards / upwards
Control gear	DALI
Dimming	Yes
Efficacy	58.5 lm/W
Luminaire maximum circuit Watts	69.3 W
Colour / finish	Black Fine Textured
Emergency lighting	No
Dimensions	Ø1240 x 48 mm

To be read in conjunction Section E57 and the Scope of Services and Design Parameters Sections of the Electrical Services Specification

E9757013 **SCHEDULE OF LUMINAIRES**
HM PROJECT: **35660**
REVISION: **P01**
PROJECT NAME: **196 Deansgate 5th Fl Refurb**

LUMINAIRE REF:	EXIT
LOCATION:	Circulation Spaces
DESCRIPTION	Surface / suspend LED illuminated emergency exit luminaire
	
Manufacturer(s)	Impact Lighting Solutions
Model	EM-SIGN 2 - Emergency Luminaire
Cat. No.	-
Lamp	LED
Lamp output	-
Lamp colour	4500 K
CRI	-
IP rating	IP40
Light distribution	Sideways
Control gear	-
Dimming	Self-test Emergency
Efficacy	-
Luminaire maximum circuit Watts	4 W
Colour / finish	Black
Emergency lighting	Yes
Dimensions	265[L] x 45[W] x 200[D] mm

To be read in conjunction Section E57 and the Scope of Services and Design Parameters Sections of the Electrical Services Specification