Museum of Street Lighting

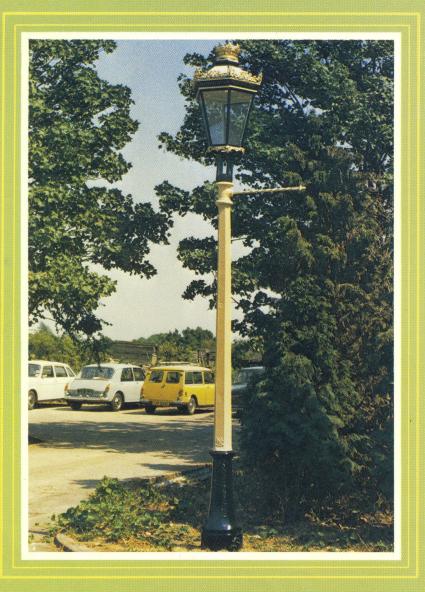
Concrete Utilities Limited Great Amwell Ware, Herts SG12 9TA

Telephone: Ware 2272/6

Telex: 81398



Museum of Street Lighting



This Museum was established in 1975 as part of the programme of activities to celebrate the Golden Jubilee of Concrete Utilities.

We are indebted to all those who presented or loaned items to this collection which is now established as a place of reference for all those interested in the history of public lighting.



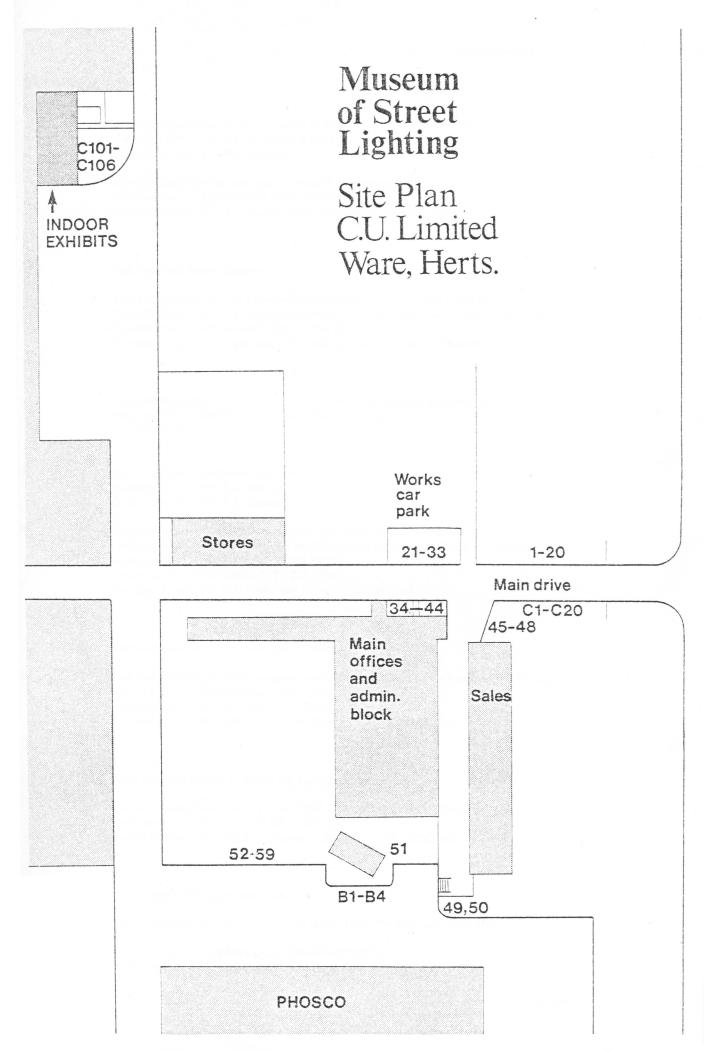
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MUSEUM OF STREET LIGHTING

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OUTDOOR SECTION	Group B Concrete Columns	14
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entory No.	
	1
127	Swan neck bracket with open reflector fitting Presented by: MILNE MUSEUM, S.E.E.B.
	By courtesy of: Mr. R.C. Gordon
112	Cast iron column with wide base, scrollwork and fluted shaft. Presented by: LIVERPOOL CITY COUNCIL By courtesy of: Mr. J.T. Cucksey, BSc, CEng, FICE, FIMunE, FIHE
	2
113	Post top Revo Paisley lantern.
113	Cast iron column. One of 12 ornamental columns erected in 1937 round the new Fire Station Police Station, Magistrates Court and Firemen's houses in Manchester Road, Accrington. Presented by: HYNDBURN BOROUGH COUNCIL By courtesy of: Mr. J. Hayden, CEng, AMCST, MIMunE, MICE, MIStructE, MinsthE
	3
114	Cast iron fluted column with double ladder arm, base compartment and swan neck bracket. Presented by: DAVID WEBSTER LTD. (Ex Welwyn)
	4
130	Square post top twin burner gas lantern Presented by: S.E.E.B. MILNE MUSEUM By courtesy of: Mr. R.C. Gordon
115	Cast iron column. Painted in its original "gas green" colour, it was manufactured by Hardy & Padmore Ltd. of Worcester in 1914 to take gas lanterns. Those in Swansea were converted to electricity in the late 1920's. Presented by: SWANSEA CITY COUNCIL By courtesy of: Mr. H.I. Jones, BSc, CEng, MICE, MIMUNE
	5
116	Open defractor lantern on swan neck bracket.
	Degraphy (1) 5 - 12 (6) - 12 (2) (10) (1) (1) (1)
116	Cast iron column called "Bromsgrove" with double ladder arm. Cast by Stewarts & Lloyds shortly after the 1914-1918 war. They were installed about 1956. Presented by: ST. ALBANS CITY COUNCIL By courtesy of: Mr. J.W.B. McKenna, C.Eng. MlMunE, MIHE, Dip. TP
	6
117	Open defractor lantern on swan neck bracket
117	Cast iron fluted column with double ladder arm cast by Stokes of Mansfield. Presented by: ST. ALBANS CITY COUNCIL By courtesy of: Mr. J.W.B. McKenna, C.Eng., MIMunE, MIHE, Dip. TP
	7
118	Open reflector fitting on swan neck bracket.
118	Cast iron column complete with double ladder arm; The Blackpool town crest is cast in
	the door. Presented by: BLACKPOOL BOROUGH COUNCIL

By courtesy of: Mr. A. Elliott, CEng, MIEE, FIES, FAPLE

Inventory No.

66

176

8 88 Georgian post top square lantern c. 1900. Originally located at Baldwins Hill, where the original column shafts are still in use. EPPING FOREST DISTRICT COUNCIL Presented by: By courtesy of: Mr. J.T. Partington, MICE, MIStructE, MRTPI, ARICS Cast iron column based on the design of the Waterloo Cannons c. 1850. Several of these 119 columns can be seen in the Cambridge Colleges. The stone buff colour is the colour in which it was originally painted, following an instruction issued by the Town Council in the early 1850's. CAMBRIDGE CITY COUNCIL Presented by: By courtesy of: Mr. G.C. Cresswell, BSc (Eng), CEng, FICE, FIMunE 87 Georgian post top gas lantern with ornamental corona. Presented by: EPPING FOREST DISTRICT COUNCIL By courtesy of: Mr. J.T. Partington, MICE, MIStructE, MRTPI, ARICS 120 Cast iron column with double ladder arm. DAVID WEBSTER LTD. Presented by: 10 234 Cylindrical post top lantern with copper top and base; note the spike to prevent gulls roosting. Presented by: BLACKPOOL BOROUGH COUNCIL By courtesy of: Mr. A. Elliott, CEng, MIEE, FIES, FAPLE Cast iron column by M. Stears Bros. & Co. of Hull at the turn of the century and used in 173 Workington until 1973. CUMBRIA COUNTY COUNCIL Presented by: By courtesy of: Mr. J.A. Davison, BSc, CEng, FICE, FIMunE, FIHE 122 Square post top gas lantern with frog and single ladder arm. BLACKPOOL BOROUGH COUNCIL Presented by: By courtesy of: Mr. A. Elliott, CEng, MIEE, FIES, FAPLE 174 Fluted cast iron column cast in 1892 by T.W. Williams & Sons of Swansea. Presented by: SWANSEA CITY COUNCIL By courtesy of: Mr. H.I. Jones, BSc, CEng, MICE, MIMunE 12 126 Metal swan neck bracket and open reflector fitting. Presented by: S.E.E.B. MILNE MUSEUM By courtesy of: Mr. R.C. Gordon 175 Cast iron column with double ladder arm made by Revo, Tipton. DAVID WEBSTER LTD. Presented by: 13

Square post top gas lantern with frog and single ladder arm.

Iron column cast by W.J. Hollands, 31 Bankside, London. c. 1898. This column and lantern was probably situated in Vine Court Road off Holly Bush Lane, Sevenoaks. The lamps are indicated in the Council Records as 'Incandescent' and others as 'Flat-Flame' types.

SEVENOAKS DISTRICT COUNCIL Presented by:

By courtesy of: Mr. A.T. Bennett, CEng, MICE, FIMunE, FInstHE, MBIM

133 Square post top gas lantern with frog and single ladder arm. 177 Fluted cast iron column cast by W.Lucy & Co. Ltd., Oxford Eagle Iron Works. c. 1889. The town crest is cast in the base. Presented by: OXFORD CITY COUNCIL By courtesy of: Mr. D.A. Butler, MA, DipTP, CEng, MICE, FIMunE, FIHE 15 213 Open two-way fitting with glass facetted reflectors on swan neck bracket. Cast iron column with double ladder arm made by Allen & Co. Queen Victoria Street, E.C. 197 The column was supplied for gas lighting of Watford High Street in 1898. Converted to electricity using a carbon filament lamp, 32 watt about 1910. After World War I tungsten filament lamps were used and the column was moved to Tolpitts Lane, Watford where it stood until 1954. WATFORD BOROUGH COUNCIL Presented by: By courtesy of: Mr. R.H. Brand, CEng, FICE, FIMunE 16 231 Ornate post top hexagonal lantern with crown decoration. Presented by: GLASGOW CITY COUNCIL 178 Iron column cast by John Fletcher & Sons, Eagle Foundry, Salford with single ladder arm. SALFORD CITY COUNCIL By courtesy of: Mr. W.C. Roberts BSc (Eng), MICE, ARICS, MIMUNE, MIHE 17 196 Open symmetrical fitting on swan neck bracket and Bleeco controller. 196 Cast iron column with single ladder arm made by Every Iron Founder, Lewes. Lewes was converted from gas in 1920, which is the probable date of installation. EAST SUSSEX COUNTY COUNCIL Presented by: By courtesy of: Mr. D.B. Charnock, BEng, CEng, FICE, FIHE 18 346 Revo 2-way open reflector. Presented by: MIDLANDS ELECTRICITY BOARD, KIDDERMINSTER By courtesy of: Mr. M.V. Derby, C.Eng., MIEE 317 A square base cast iron column with base compartment, scrollwork and crest. ROYAL BOROUGH OF KENSINGTON AND CHELSEA Presented by: 19 309 Swan neck bracket with symmetrical reflector and refractor. 309 Cast iron column with double ladder arm and base compartment. By Revo, Tipton. NORTH BEDFORDSHIRE BOROUGH COUNCIL Presented by: By courtesy of: Mr. F.W. Dawkes, BSc(Eng), MICE, FIMunE, FRTPI 20 127 Enclosed cast lantern with refractor on swan neck bracket. Presented by: MILNE MUSEUM, S.E.E.B. By courtesy of: Mr. R.C. Gordon 308 Cast iron column with double ladder arm and base compartment. Cast by Baker of Bedford. NORTH BEDFORDSHIRE BOROUGH COUNCIL Presented by: By courtesy of: Mr. F.W. Dawkes, BSc(Eng), MICE, FIMunE, FRTPI

345 Revo magnalite swan neck bracket with 4-way open reflector. c. 1934. This was taken from Bark Hill, Bewdley, Worcs. Presented by: MIDLANDS ELECTRICITY BOARD, KIDDERMINSTER By courtesy of: Mr. M.V. Derby, CEng, MIEE 315 Octagonal cast iron column with base compartment. The crest of the Royal Borough of Kensington is cast in the base. ROYAL BOROUGH OF KENSINGTON AND CHELSEA Presented by: 22 362 Top entry lantern on metal swan neck bracket. Presented by: HUMBERSIDE COUNTY COUNCIL By courtesy of: Mr. L.F. Crossley, BScTech, CEng, FICE 316 Octagonal iron column with base compartment. Monogram "K.V." is cast in the base and in the shaft. ROYAL BOROUGH OF KENSINGTON AND CHELSEA Presented by: 23 131 Copper post top circular lantern with six panels. 143 Class A cast iron column. This column was removed from the junction of Brixton Road and Ferndale Road, Brixton. It was originally connected to the private supply of Brixton Bon Marche. The door includes the Coat of Arms of the Vestry of the Parish of Lambeth. Presented by: LONDON BOROUGH OF LAMBETH By courtesy of: Mr. D.H. Nicholson, BSc(Eng), CEng, FICE, FIMunE, MRSH, FIHE 24 180 Special copper dome lantern and glass globe converted from gas to electricity. Octagonal cast iron column originally erected in entrance drive to British Oil and Cake Mills, 179 Erith. (Now renamed Erith Oil Works). Presented by: ERITH OIL WORKS 181 Square post top gas lantern Cast iron column with square base, circular decorative shaft and single ladder arm. Cast by 181 S. Pontiflex & Co., 22 Coleman Street, London. MR. R.C.V.L. MARQUES Presented by: 26 182 Cast top hexagonal copper lantern made by Revo. MR. J.B. PERKIN, C.Eng, MIEE, MAPLE Presented by: Cast iron column with single ladder arm, with 'St. P.P.M.' cast in. 183 Presented by: MR. R.C.V.L. MARQUES 27 Two-way axial Revo reflector with vitreous enamel finish on swan neck bracket. 347 HUMBERSIDE COUNTY COUNCIL Presented by: By courtesy of: Mr. L.F. Crossley, BScTech, CEng, FICE 184 Cast iron column with base compartment. RENFREW COUNTY COUNCIL (Ex Motherwell) Presented by: By courtesy of: Mr. A. King, MIMunE, MInstHE/DipTE

Inventory No.	28
396	Reproduction square post top lantern. Presented by: WILLIAM PRESS & SON LIMITED
185	Cast iron column with L.N.E.R. marking. From Cole Green Station, which was originally constructed to serve Panshanger House, belonging to Lord Desborough. Presented by: HERTFORDSHIRE COUNTY COUNCIL
	29
251	Square oil burning lantern from Braughing Station. Presented by: WILLIAM PRESS & SON LIMITED
186	Fluted cast iron column with double ladder arm.
	Presented by: MR. R.C.V.L. MARQUES
	30
188	Square ornate lantern with stained glass originally erected outside the Lyon Bookshop at 389 Sauchiehall Street, Glasgow.
	Presented by: GLASGOW CITY COUNCIL
187	Cast iron column with scrollwork. Presented by: DAVID WEBSTER LIMITED
	31
232	Black post top square lantern converted for electricity. Ex Southgate.
189	Fluted cast iron column with ornate scrollwork and 'R.V.' monogram which denotes Rotherhithe Vestry. **Presented by: MR. R.W.D. MARQUES**
	32
314	Combined post top lantern and square bracket.
236	Iron column cast by Walter Macfarlane &Co., Saracen Foundry, Glasgow, with scrollwork and the Coat of Arms of the Borough of St. Pancras cast in the door. Originally erected before 1914 and
	fitted with arc lamp. Presented by: LONDON BOROUGH OF CAMDEN By courtesy of: Mr. H. Ovens, C.Eng, FICE, MIStructE, MIMunE, FRSH
	33
307	Open reflector on swan neck bracket.
307	Open renector on swarmeck bracket.
307	Fluted cast iron column with ladder arm. Presented by: NORTH BEDFORDSHIRE BOROUGH COUNCIL By.courtesy of: Mr. F.W. Dawkes, BSc(Eng), MICE, FIMunE, FRTPI
	34
353	Square post top lantern.
351	Fluted iron column by J. Bradshaw & Sons, Boiton.
	Presented by: BOLTON METROPOLITAN BOROUGH COUNCIL By courtesy of: Mr. H. Hibbert, BSc(Hons), C.Eng, MIMunE, MICE, MInstHE
	35
318	Square post top lantern.
	Presented by: MR. R.C.V.L. MARQUES
318	Square base cast iron column with "B.P." (thought to be "Brompton Parish") monogram and crest and octagonal shaft with single ladder bar. Presented by: ROYAL BOROUGH OF KENSINGTON AND CHELSEA

ntory No.	36
301	Square post top lantern. Presented by: MR. R.C.V.L. MARQUES
301	12ft. cast iron column used for gas lighting in the City of Aberdeen, with double ladder as
	Cast by Wm. McKinnon & Co. Ltd., Aberdeen.
	Presented by: THE CORPORATION OF THE CITY OF ABERDEEN
	By courtesy of: Mr. A. Bain, MITE, MAPLE
	37
	Consequent Transaction of the Consequence of the Co
249	Square post top lantern, reproduction gas design now converted to electricity. Presented by: WILLIAM PRESS & SON LTD., KEMPTON DIVISION
406	Circular cast iron column with octagonal base, cast by E. Woolley of Accrington.
	Presented by: SALFORD CITY COUNCIL
	By courtesy of: Mr. W.C. Roberts, Bsc(Eng.), MICE, ARICS, MIMunE, MIHE
	38
218	Hexagonal post top lantern.
210	Presented by: MR. J.B. PERKIN, C.Eng, MIEE, MAPLE
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
302	12ft. cast iron column used for electric lighting in the City of Aberdeen.
	Presented by: THE CORPORATION OF THE CITY OF ABERDEEN
	By courtesy of: Mr. A. Bain, MITE, MAPLE
	20
	39
310	Square 3 jet gas lantern
311	Fluted cast iron column with frog and double ladder arm.
	Presented by: RUNNYMEDE DISTRICT COUNCIL in conjunction with
	SURREY COUNTY COUNCIL
	By courtesy of: Mr. E.E. Lofthouse, CEng, FIMunE, FIHE, AMBIM
	40
246	Circular post top copper leatern reproduction 17" (NICO)
248	Circular post top copper lantern reproduction 17" 'NICO'. Presented by: WILLIAM PRESS & SON LTD., KEMPTON DIVISION
	riesented by. WILLIAM FRESS & SON LID., KEMIFTON DIVISION
194	Cast iron column with octagonal base and circular shaft with single ladder arm.
	Cast by Daniel Owen & Sons, Eccles.
	Presented by: SALFORD CITY COUNCIL
	By courtesy of: Mr. W.C. Roberts, BSc(Eng), MICE, ARICS, MIMunE, MIHE
	41
	71
354	Square post top lantern.
	Presented by: BOLTON METROPOLITAN BOROUGH COUNCIL
	By courtesy of: Mr. H. Hibbert, BSc(Hons), CEng, MIMunE, MICE, MInstHE
007	
265	Fluted cast iron column cast by A.C. Mumford, Colchester, an example of some in use
	in Colchester as early as 1870 for both gas and oil lighting. Presented by: COLCHESTER BOROUGH COUNCIL
	By courtesy of: Mr. J.A.Lloyd, CEng, FIMunE, MinstHE
	by boartooy on miles and a being, i mana, institute
	42
324	Post top lantern with large glass globe.
	Presented by: THANET DISTRICT COUNCIL
266	Fluted cast iron column cast by F.W. Brackett & Co., Colchester
266	Fluted cast iron column cast by F.W. Brackett & Co., Colchester. Presented by: COLCHESTER BOROUGH COUNCIL

By courtesy of: Mr. A.W. Brown, CEng, MIMunE, MIHE

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- 3	HV	HI	16)	TV	-1-2	£ 3	

304	Post top gas lantern
303	Cast iron pedestal with Coat of Arms. Presented by: THE CORPORATION OF THE CITY OF ABERDEEN By courtesy of: Mr. A. Bain, MITE, MAPLE
	50
342	Square post top lantern (converted) on ornamental base bracket. Presented by: THE HERTFORDSHIRE CONSTABULARY
	51
322	Glazed decorative hexagonal top entry lantern. Presented by: WEST SUSSEX COUNTY COUNCIL By courtesy of: Col. W.C.S. Harrison, CBE, ERD, ADC
398	Group A cast iron column with ornamental bracket. Presented by: SHEPWAY DISTRICT COUNCIL By courtesy of: Mr. T.G. Greening, CEng, FICE, FIMunE, FInstHE, AMBIM
	52
	Lantern - to be arranged
109	Cast iron column 25ft. made by J. & A. Law, Ironfounders of Glasgow. It is complete with rectangular bracket and bears the crest of Battersea Corporation,
	which no longer exists. Presented by: LONDON BOROUGH OF WANDSWORTH By courtesy of: Mr. F.J. Heasman, CEng, MICE, FIMunE, MBIM
	53
132	Old copper gas lantern, 3 burners, top entry. This was the last gas street light in Burnley. Presented by: BURNLEY BOROUGH COUNCIL By courtesy of: Mr. E.C. Ashby, BSc, CEng, MICE, FIMunE, FIHE
110	Cast iron column made by McDowall Steven & Co., Glasgow & London, with a curved bracket and wrought iron scrollwork and ladder bars. The Coat of Arms of the Burgh of Motherwell is cast in the door. Presented by: RENFREW COUNTY COUNCIL (Now Strathelyde R.C.)
	By courtesy of: Mr. A. King, CEng, MIMunE, MInstHE/DipTE
	54
370	G.E.C. top entry 400 watt mercury lantern with hexagonal glazed body. Presented by: SOUTHEND BOROUGH COUNCIL By courtesy of: Mr. B.T. Clarke, CEng, FICE, FIMunE, MAPLE
313	Trolley pole with raising and lowering gear and bracket. Presented by: LONDON BOROUGH OF CAMDEN By courtesy of: Mr. H. Ovens, CEng, FICE, MIStructE, MIMunE, FRSH
	55
399	Group A side entry lantern for four fluorescent lamps.
320	Group A cast iron column by Hardy & Padmore with large base compartment and Bognor crest. Presented by: WEST SUSSEX COUNTY COUNCIL By courtesy of: Col. W.C.S. Harrison, CBE, ERD, ADC

By courtesy of: Mr. G.F. Read, C.Eng, FICE, FIMunE, FIStructE, FIHE, MAPLE, MBIM

B.5

420

Switch pillar complete with backboard and gear. By Hardy and Padmore. CITY OF MANCHESTER Presented by:

By courtesy of: Mr. G.F. Read, C.Eng, FICE, FIMunE, FIStructE, FIHE, MAPLE, MBIM

OUTDOOR SECTION

CONCRETE COLUMNS

diloo! b			
Location	Description	Maker	Inventory No.
C.1	14'3" Fluted C	oncrete Utilities	403
C.2	12'6" Fluted	C.U.	404
C.3	Avenue 2D square with 1'6" Avenue bracket	C.U.	90
C.4	Avenue 2D	C.U.	91
C.5	10'6" Fluted	C.U.	92
C.6	Arterial	C.U.	93
C.7	Promenade	C.U.	94
C.8	Eddystone	C.U.	95
C.9	Princes Street Gardens	C.U.	96
C.10	Utility	C.U.	97
C.11	Esplanade	C.U.	98
C.12	Solent	C.U.	99
C.13	City of Liverpool	C.U.	100
C.14	City of Liverpool	C.U.	101
C.15	City of Liverpool	C.U.	102
C.16	Park	C.U.	103
C.17	City of Liverpool	C.U.	104
C.18	Avenue 2DN with Swan Neck Bracket	C.U.	105
C.19	Terrace with 1'6" Terrace Double Arm Bracke	t C.U.	106
C.20	Avenue 2D with 'C' Bracket	C.U.	107
GROUP A			
C.101	G.E.C. top entry lantern and bowl		216

GROUP B

C.19	Terrace with 1'6" Terrace Double Arm Bracket C.U.	106
C.20	Avenue 2D with 'C' Bracket C.U.	107
GROUP A		
C.101	G.E.C. top entry lantern and bowl Presented by: LONDON BOROUGH OF RICHMOND By courtesy of: Mr. M.S. Hebron, BSc, CEng, MICE, MIMUNE	216
	Avenue 3D concrete column with 'Bird' Bracket	382
C.102	Mirror type central suspension lantern made by Wardle, Manchester. Presented by: MILNE MUSEUM, S.E.E.B. By courtesy of: Mr. R.C. Gordon	129
	Avenue 4D concrete column with 6'0" Avenue bracket	383
C.103	Revo top entry lantern for 250 watt MBF/U lamp Presented by: CHELMSFORD DISTRICT COUNCIL By courtesy of: Mr. S. Harvey, CEng, FIMunE	223
	Avenue 3D concrete column with 2'6" Avenue bracket	384
C.104	Two Revo top entry lanterns for 250 watt MAV mercury lamps, and complete with magnetic deflector. Presented by: CHELMSFORD DISTRICT COUNCIL By courtesy of: Mr. S. Harvey, CEng, FIMunE	220 and 222
	Avenue 3D square concrete column with 4'0" Avenue double arm bracket	385

Location	Description	Inventory No.
C.105	G.E.C. top or side entry lantern. Cat. No. Z8432 Presented by: ERECON LIMITED	147
	Avenue 3DN concrete column with 3'6" Arc II bracket.	386
C.106	G.E.C. top entry and lantern bowl. *Presented by: EAST HERTFORDSHIRE COUNTY COUNCIL By courtesy of: Mr. D.J. Anstey, CEng, MICE, MIMunE, DipTP	215
	Broadway concrete column with 'Civictus' bracket.	387
C.107	Large copper coloured fibre glass post top lantern. Presented by: BLACKPOOL BOROUGH COUNCIL By courtesy of: Mr. A. Elliott, C.Eng, MIEE, FIES, FAPLE	233
	Broadcrete 700 Concrete Column	416
C.108	Trefoil concrete column	417

Inventory No.		INDOOR SECTION
227	Radiovisor Control Unit and Cell. Presented by: LONDON BOROUGH OF HILLINGDON	
82	Radiovisor Controller, Mark X. Presented by: WEST YORKSHIRE COUNTY COUNCIL	
148	Mercury Contactor for Group Switching, manufactured by Sordoviso Switch Presented by: ERECON LIMITED	gear Ltd.
83	Venner Light Sensitive Switch c. 1936 Presented by: MR. E.M. SELLEY	
69	Sordoviso Mercury Relay Switch. Presented by: WEST YORKSHIRE COUNTY COUNCIL	
67	Photo cell - Radiovisor Selenium Housing. Presented by: WEST YORKSHIRE COUNTY COUNCIL	
286	Contactor with coil and mercury contact. Presented by: BOLTON METROPOLITAN BOROUGH COUNCIL	
80	Alder & Mackay Gas Time Switch Switch. Presented by: WEST YORKSHIRE COUNTY COUNCIL	
71	Colza Oil Lamp Lighter Presented by: WEST YORKSHIRE COUNTY COUNCIL	
76	Newbridge Comet Gas Igniter Presented by: WEST YORKSHIRE COUNTY COUNCIL	
68	Newbridge Horstmann Gas Controller. Presented by: WEST YORKSHIRE COUNTY COUNCIL	
85	Gas Lighter using torch giving off acetylene gas. Presented by: MR. D. COLVIN	
65	Newbridge Gas Time Switch. Presented by: SEVENOAKS DISTRICT COUNCIL	
191	'Gunfire' Spring Wound Controller. Presented by: M.E.B. REDDITCH	
79	Simplex Gas Lighter and Extinguisher. Presented by: WEST YORKSHIRE COUNTY COUNCIL	
285	Horstmann Newbridge Gas Burner with controller. Two jet with pilot jet. Presented by: BOLTON METROPOLITAN BOROUGH COUNCIL	
. 72	Venner Time Switch, electrically wound. Presented by: WEST YORKSHIRE COUNTY COUNCIL	
77	Venner Time Switch in Box. **Presented by: WEST YORKSHIRE COUNTY COUNCIL**	
84	Oil Break Time Switch 100A/60V Presented by: MR. E.M. SELLEY	
70	Venner Time Switch, electrically wound. Presented by: WEST YORKSHIRE COUNTY COUNCIL	
74	Horstmann Time Switch. Presented by: WEST YORKSHIRE COUNTY COUNCIL	
75	Venner Time Switch. Presented by: WEST YORKSHIRE COUNTY COUNCIL	
78	Horstmann Time Switch, spring wound. Presented by: CUMBRIA COUNTY COUNCIL	
192	Venner Electric Controller. Presented by: M.E.B. REDDITCH	
145	Venner Time Switch in Box. Presented by: S.E.E.B. MILNE MUSEUM	
146	Newbridge Time Switch in Box. Presented by: SALFORD CITY COUNCIL	

Newbridge Horstmann Time Switch in Box Type E/2 30 amp AC/15 amp D.C. with fuses. Presented by: NORTH WESTERN ELECTRICITY BOARD

152

Inventory No.

136		n complete with box. E.E.B. MILNE MUSEUM	
294		mounted in interior box. R. B.W.E. MAKEPEACE	
295	0	me Switch. Model 'B' in exterior b R. B.W.E. MAKEPEACE	ox.
287	Horstmann Time Swi Presented by: BO	itch. Plug-in type. DLTON METROPOLITAN BOROU	GH COUNCIL
290		. Type TJSSP in cast box. DLTON METROPOLITAN BOROU	GH COUNCIL
150	,	mp 125 watt Colour Corrected. RDERS REGIONAL COUNCIL	
151	Three Lamps with Ca Presented by: MF	,	Manufactured by Crysel∞ c. 1905.
291		amp. 400W Tubular. R. B.W.E. MAKEPEACE	
296		Two inners and one jacket. R. B.W.E. MAKEPEACE	

ON LOAN EROM THORN LIGHTING LIMITED

ON LOAN FROM	THORN LIGHTING LIMITED
162	Adjustable Candle Lamp with shade - probably German.
156	Folding Candle Shield - Day's Patent c. 1817.
159	Rush Light Holder with Socket.
161	Standing Brass Oil Lamp with Double Spout.
163	Brass Cruse with 4 spouts.
157	Candle Lantern, painted sheet metal.
160	Tinder Box, tin plate complete with Flint and Steel.
158	Miner's Safety Lamp - Davy pattern. Manufactured by John Mills, Newcastle-on-Tyne.
155	Adjustable Brass Reading Lamp with 3 spouts. 18th Century. Italian.
165	Spiral Wire Adjustable candle holder.
166	Pottery Single Spout Oil Lamp (probably Roman).
167	Pottery Open Single Spout Oil Lamp c.200 B.C. (Greek).
168	Benjamin Lightmeter, Harrison Patent.
170	Church Oil Burner, Hanging Type Double Spout.
171	Braime's Patent Lever Lid Oil Lamp complete with Wick and Pricker.
164	Oil Lamp Simulated Candle.
169	Iron Tongs for Rush Lights.
172	Steel Wick Trimmer.
190	Leak Transformer for 140W Sodium Lamp manufactured by G.E.C. Presented by: MIDLANDS ELECTRICITY BOARD, REDDITCH
149	Tulip Joint c. 1930 Presented by: BEDFORDSHIRE COUNTY COUNCIL
04	
81	Holophane/Adcombe Light Meter. Presented by: MR. H. JOHNSTONE
199	Box of Ships Carbons manufactured by C.H. Champion & Co. Ltd. Presented by: THE ELECTRICITY COUNCIL
244	"Lights" Golden Jubilee Medallion 1879-1929. Presented by: MR. H.G. CAMPBELL, by I.E.S. (U.S.A.)
293	B.T.H. Choke. Open wound choke for 400W lamps. Presented by: MR. B.W.E. MAKEPEACE
292	Transformer. Open wound for 45W sodium with Terminal Board. Presented by: MR. B.W.E. MAKEPEACE
388	Water Driven gas mantle tester by Alexander Wright Limited. Presented by: CITY OF MANCHESTER By courtesy of: Mr. G.F. Read, C.Eng, FICE, FIMunE, FIStructE, FIHE, MAPLE, MBIM

nventory No.	
350	Philips 250W MB/U lamp Presented by: HUMBERSIDE COUNTY COUNCIL
357	Medal and Ribbon - Glasgow Lighting Department Presented by: MR. D.R. COLVIN
388	Gas Mantle Testing Machine by Alexander Wright Limited, 28 High Street, Tooting. Presented by: CITY OF MANCHESTER
389	Horstmann Time Switch, hand wound with clock. Presented by: CITY OF MANCHESTER
390	Ignitor - Battery operated. Presented by: CITY OF MANCHESTER
391	Blackout Light Measure. Presented by: LOTHIAN REGIONAL COUNCIL - MR. F. MILLINGTON
395	Rectifying Valve. Presented by: BOROUGH OF STOCKPORT
401	Stair Head Gas Burner Presented by: MR. F.M. HALE
407	20 mfd. Capacitor Presented by: BLACKPOOL BOROUGH COUNCIL
409	Lamp: Early prototype 400W MBF/U Presented by: BLACKPOOL BOROUGH COUNCIL
421	Reproduction Roman Pottery Lamp Presented by: ANON
422	Reproduction Phoenician Pottery Lamp Presented by: ANON
423	Test Set - Selvertown Portable testing set. Presented by: MR. K.J. GODDARD
424	Sordoviso Mercury Relay Presented by: MR. K.J. GODDARD
425	Key wound Timeswitch by Metropolitan Gas Meters Limited Presented by: MR. K.J. GODDARD
426	Street Lighting Photo-electric Photometer by Holophane Presented by: MR. K.J. GODDARD
427	Calculator - Slide Rule illumination by Holophane . Presented by: MR. K.J. GODDARD
436	Arc Lamp - Jandus enclosed arc lamp ON LOAN FROM THE SCIENCE MUSEUM
437	Nernst Lamp - Type A ON LOAN FROM THE SCIENCE MUSEUM
439	Early oil lamp. Brass pedestal lamp with spout. ON LOAN FROM MR. T.W. PRING
441	Early timeswitch in box by Muirhead & Co. Marketed by Bowden Bros. Presented by: SPELTHORNE BOROUGH COUNCIL Restored by: MR. C.R. SANGSTER
442	Two piece early Photocell 1964 by Royce Thompson Electric Ltd. Presented by: SPELTHORNE BOROUGH COUNCIL
444	Time Switch, Gents, in iron box with mercury switch Presented by: COVENTRY CITY COUNCIL
450	Early Osira fluorescent Lamp Presented by: NEWCASTLE CITY COUNCIL
456	Bulk Time Switch in box by James & Browne Presented by: NORWICH CITY COUNCIL
457	Mercury Relay for Substation Pilot Systems. 1930 Presented by: SOUTHEND BOROUGH COUNCIL

Presented by: SOUTHEND BOROUGH COUNCIL

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	462	German Time Clock in Box Presented by: LONDON BOROUGH OF LAMBETH
	469	Holophane Lumeter, type 48A in 2 leather cases Presented by: ST. ALBANS CITY COUNCIL
	470	Carl Zeiss Microscope, "Jena" in fitted wooden case. Presented by: GLASGOW CITY COUNCIL
	474	Venner Time Switch, type MSPX for A.C. in Iron Box Presented by: COVENTRY CITY COUNCIL
	475	Horstmann Time Switch, Newbridge gas controller in cast iron box with valves
	477	Mazda Starter, 80 watt glass starter switch. Presented by: EAST HERTS DISTRICT COUNCIL
	478	Philips Lamp, tungsten B.C. lamp with Switch in Cap. Presented by: MR. A. BIGNELL
	486	Sangamo Time Switch in plastic case. Presented by: BUCKS COUNTY COUNCIL
	487	Venner Time Switch, type TJSSP. 200/250V in cast box. Presented by: BUCKS COUNTY COUNCIL
	489	Venner Time Switch, type MS2SP in white plastic case. Presented by: BUCKS COUNTY COUNCIL
	490	Venner Time Switch, type ERSB30 in black plastic case. Presented by: BUCKS COUNTY COUNCIL
	508	ARP Torch with wet cell by Oldham.
	509	Presented by: LONDON BOROUGH OF WANDSWORTH Venner Time Switch type TJSSP/1 in cast iron box Presented by: ROYAL BOROUGH OF KENSINGTON AND CHELSEA
	516	Foot Candle Meter in case c. 1925 by General Electric of America Presented by: PHOSCO LIMITED
	517	ARP photometer in case type ML by Everett Edgcumbe Presented by: PHOSCO LIMITED
	518	Holophane Lumeter, model B in leather case Presented by: PHOSCO LIMITED
	519	Combined Meter and Projector in case by General Electric of America Presented by: PHOSCO LIMITED
	521	Horstmann Gas Bracket with twin burners, Newbridge Controller and Ignitor Presented by: CITY OF CAMBRIDGE
	522	Veritas Gas Mantles 1-M3773 and 2-M3772 Presented by: CITY OF CAMBRIDGE
	543	Systemie Zbinden Controller Presented by: MR. K. GODDARD
	544	ATE Ripple Controllers with Rythmatic Control Presented by: MR. K. GODDARD
	547	Newbridge Gas Ignitor with Battery Chamber and Jet *Presented by: MR. L. HAWKINS**
	553	Three Cable Joints Presented by: SPELTHORNE BOROUGH COUNCIL
	554	Early Philips Sodium Lamp and Transformer in Case Presented by: MR. J.P. SKEHENS
	555	Bulpitt Oil Lamp with Chimney and Canopy Presented by: MR. W. PAY
	557	Horstmann Gear Time Switch, type V/EW in case Presented by: WILTSHIRE COUNTY COUNCIL
	592	Mercury Relay Type OQ50 by Sordoviso Switchgear Limited Presented by: HERTS COUNTY COUNCIL
	594	Gas Pressure Kings Gauge by Alder & MacKay Presented by: MR. A. HARDIE
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Inventory No.	
1-11	A.P.L.E. Conference Handbooks. 1952 - 1962.
17	A.P.L.E. Annual Report. Document dated 1938 - 1939. Presented by: WEST YORKSHIRE COUNTY COUNCIL
25 - 32	Papers from various A.P.L.E. Conferences. Presented by: WEST YORKSHIRE COUNTY COUNCIL
203	A.P.L.E. Conference Handbook. President's personal file. Papers and handbook. 1936. **Presented by: MR. E.C. LENNOX**
258	Notes for A.P.L.E. Jubilee Exhibition 1974. Northern Sections Exhibit.
33 - 34	Bound volumes of Public Lighting. March 1936 - September 1938 and January 1939 - December 1941.
275	Volumes of Public Lighting. January 1942 - June 1959.
207	Vestry Clerk's Reports. Lighting Costs and Inaugration Programmes of Rotherhithe Town Hall. Presented by: THE MUSEUM OF THE LONDON BOROUGH OF SOUTHWARK
212	Clippings and various news items from journals, etc. 1952 - 1955.
206	French Handbook. Code of Practice. 1958. Presented by: MR. E.C. LENNOX
242	The Illuminating Engineer (U.S.A.) Volume VI, March 1911 - February 1912. I.E. Publishing Co New York City. Presented by: MR. H.G. CAMPBELL
243	I.E.S. Lighting Handbook (U.S.A.). The Standard Lighting Guide. U.S.A. 1947. Illuminating Engineering Society, New York. Presented by: MR. H.G. CAMPBELL
240	Menu of the Dinner to celebrate the first 100 years of the Manufacture of Lighthouse Apparatus. Chance Brothers Ltd. Presented by: MR. H.G. CAMPBELL
18	Memorandum to Lamp Attendants from the Halifax Corporation Gas Depot. 1929. **Presented by: WEST YORKSHIRE COUNTY COUNCIL**
19	Illumination Design Data. Electric Illumination Handbook No.2. E.L.M.A. Lighting Service Bureau. 1936. Presented by: WEST YORKSHIRE COUNTY COUNCIL
20	Lighting in Streets. Street Lighting Specification 1931. Presented by: WEST YORKSHIRE COUNTY COUNCIL
21	Street Lighting Specification. British Specification No.307. Presented by: WEST YORKSHIRE COUNTY COUNCIL
22	Draft of British Specification. Low pressure Gas Mantles. 1938. Presented by: WEST YORKSHIRE COUNTY COUNCIL

nventory No.	
23	M.O.T. Department Communication. Interim Report. 1935. Presented by: WEST YORKSHIRE COUNTY COUNCIL
24	M.O.T. Department Communication. Final Report. 1937. Presented by: WEST YORKSHIRE COUNTY COUNCIL
240	Siemens Brothers 1858 - 1958. An Essay in the History of Industry. Author - J.D.Scott. Presented by: MR. H.G. CAMPBELL
237	Faraday as a Discoverer. Short Biography of Michael Faraday. 1870. Author - John Tyndall. Presented by: MR. H.G. CAMPBELL
247	Bye-Laws of the City of Glasgow Police. 1879. Bye-Laws for Stage and Hackney Drivers, City Porters, Lodging House Keepers. Presented by: GLASGOW CITY COUNCIL
246	List of Magistrates and Town Councillors. 1887 - 1888. Including Memoranda of fixed meetings. Presented by: GLASGOW CITY COUNCIL
245	Corporation Diary. City of Glasgow. 1911 - 1912. Diary including lists of magistrates and councillors, Public Works, etc. Presented by: GLASGOW CITY COUNCIL
204	Netherlands Foundation. on Illumination. 1959. Recommendations on Public Lighting Presented by: MR. E.C. LENNOX
205	C.I.E. Papers. 1959. Papers from Brussels.
273	Period Lighting by Stanley Wells.
279	Scrapbook. Presented by: THE CORPORATION OF THE CITY OF ABERDEEN
276	City of London Directory and Livery Companies Guide 1963. Presented by: MR. D.R. CROW
280-284	Bound volumes of Concrete & Constructional Engineering.
338	Science Museum. 'Lighting' booklet. No.s 1, 2 and 3.
325	Modern Illuminants 1919 by Gaster and Dow. Presented by: THE ELECTRICITY COUNCIL
326	Six Lectures on Light. 1875. by John Tyndall. Presented by: THE ELECTRICITY COUNCIL
327	Daylight by Night. The British Commercial Gas Association. Presented by: A.P.L.E.
336	Book of Records. Traffic Signals and Signs Agreements. Presented by: HERTFORDSHIRE COUNTY COUNCIL
339	Photocopies of documents on Sugg lighting and William Murdoch. Presented by: NORWICH CITY COUNCIL
355	Article "Let There Be Light" by B. Lightoller.
356	Revealing Power of Street Lighting Installations, Road Surface Reflection Characteristics. By J.M. Waldram.

Inventory No.	
380	Consumer's Register Sheets. Derbyshire and Nottinghamshire Electric Power Co. Presented by: EAST MIDLANDS ELECTRICITY BOARD, CHESTERFIELD
373 374 375 376 377 378	Electric Lamps & Lighting by J.A. Fleming. Electric Arc Lighting by Houston & Kennelly. Modern Fluorescent Lighting by A.D.S. Atkinson. Electric Lamps - E.L.M.A. Street Lighting by J.M. Waldram. L.V. Electric Lighting by Schneider. Presented by: MR. T.W. PRING
208 209 210 211	GOWSHALL LIMITED CATALOGUES: Illuminated Traffic Signs and Guard Posts 1931. Ministry of Transport Signs, etc. 1936. Gaslit Guard Posts. 1937. Signs for Wartime. 1940 Presented by: MR. N. GOWSHALL.
35	Photograph album - Adastra items, etc.
36	Venner catalogue.
37-62	Various Holophane catalogues and brochures.
63	Revo catalogue. 1938. Street Lighting Equipment. Presented by: MR. J. CALLOWAY
64	Bleeco Developments - Catalogue. 1934. Brighton Lighting & Electrical Engineering Co.Ltd.
238	Benjamin Electric Ltd. Catalogue. 1910. Prices and description of various types of lighting fixtures and accessories. Presented by: MR. H.G. CAMPBELL
239	Benjamin Electric Ltd. Catalogue. 1914. Prices and description of lighting fixtures and accessories.
12	G.E.C. Catalogue. 1951.
13	G.E.C. Catalogue. 1953.
14	Stewart & Lloyd Catalogue. 1956.
15	Metrovick Catalogue. 1954.
16	G.E.C. Catalogue. 1935. Presented by: WEST YORKSHIRE COUNTY COUNCIL
271	Revo Catalogue. No.18.
277 278	William Sugg & Co. Ltd. Catalogue. January 1931. Foster & Pullen Catalogue. Presented by: CITY OF ABERDEEN
337	G.E.C. Catalogue, 1959. Octagonal Tapered Steel Columns.

Inventory N	lo.
418	Three booklets a) Report of M.O.T. b) Street Lighting - Paterson c) Street Lighting - Phillips Presented by: WEST MIDLANDS COUNTY COUNCIL
428	Three volumes of C.I.E. Proceedings 1931
429	M.O.T. Report of Departmental Committee on Traffic Signs. 1933
430	Pocket Book Presented by: MR. K.J. GODDARD
432	Notes of Nine Lectures on Light - John Tyndell 1869
433	Notes of Six Lectures on Light - John Tyndall 1872/3
434	Michael Faraday by Walter Jerrold
435	Report - Glasgow Gas Light Co. 1860 Presented by: MR. D.R. COLVIN
440	The Story of G.E.C Forty Years of Electrical Progress Presented by: MR. R. FERRIS
443	Design in Street Lighting - Miss G. Gentry Presented by: MR. E. GENTRY
448	Photocopy of History of Lighting in Dutch and set of photographs Presented by: PHILIPS - EINDHOVEN
481	Electric Light in Homes Presented by: MR. J. PERKIN
491	Six leaflets and drawings Presented by: BLACKPOOL BOROUGH COUNCIL
492	Two agreements: County of London E.S.Co. and Burnham 1936 Eastern Electricity Board and Burnham 1951 Presented by: ESSEX COUNTY COUNCIL
496	Benjamin Fluorescent Catalogue No. 2525
497	A.C. Ford Catalogue: Street Lighting Equipment
542	Electric Lamps - ELMA Illumination Design for Interiors IES Lighting Handbook 1947 A Symposium on Illumination 1935 - Published by Chapman & Hall Limited Transactions on the IES Vol. 1 No.s 1-12 1936 Presented by: MR. K.J. GODDARD
520	Record Book. Laboratory tests on fittings. 1954 + Precented by: PHOSCO LIMITED
548	"Arts & Manufacturers Illustrated" - Society of Arts Presented by: MR. D.R. COLVIN
549	Record of Meetings of Inspectors for lighting Amersham Presented by: AMERSHAM TOWN COUNCIL
552	Set of lighting Literature of G.E. of America Presented by: BASILDON DEVELOPMENT CORPORATION