

**Newcastle City Council –  
Reduced Road Lighting Inventory for use in July 2002 Submissions**

**A. PRIMARY FACTORS**

Column Material	Age in Years	Column Mounting Height						
		4m	5m	6m	8m	10m	12m	>12m
Mild Steel	0-20		3,054	3,105	1,449	2,567	331	1
	21-30		354	12	104	896		
	31-40		10,223	310	1,091	2,349	30	4
	Over 40							
Stainless Steel	0-20							
	21-30							
	31-40							
	Over 40							
Concrete	0-20							
	21-30		46					
	31-40		3,868					
	Over 40							
Aluminium	0-20							
	21-30							
	31-40		14					
	Over 40							
Cast Iron	0-20							
	21-30							
	31-40							
	Over 40	3,185			1			
Wood	0-20							
	21-30							
	31-40							
	Over 40							
Composite	0-20							
	21-30							
	31-40							
	Over 40							

**B. COLUMN TYPE PROFILE**

Material Type	Numbers of Columns
Mild Steel – External Protective Coating Only	
Mild Steel – Dipped Galvanised Only	
Mild Steel – Hot Dipped Galvanised and External Protective Coating	26,199
Stainless Steel	
Concrete	3,925
Aluminium	14
Wood	3,243
Composite	

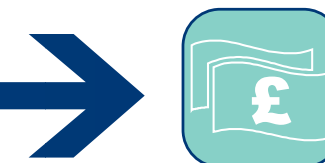
**C. ENERGY PROFILE**

Lamp Type	Lamp Wattage	Numbers of Lamps
SOX	35	
	55	18,523
	90	1,744
	135	2,170
	180	3
SOX-E	26	
	36	
	66	
	91	
	131	
SON	50	
	70	402
	100	6,372
	150	3,791
	250	1,801
	400	214
MBF	600	4
	1000	
	50	
	80	
	125	
QL	250	4
	400	
	55	
	85	
Metal Halide	70	13
	100	
	150	
	250	3
	400	
	1000	
TH	2000	
	50	
	100	
	300	40
	500	
GLS	1000	
	1500	
	60	
	100	
MBT/L	150	
	160	

**D. LIGHTING CONTROL**

Control	Numbers of Lamps
Time Switch – All Night	325
Time Switch – Part Night	
Photo Cell – All Night	34,288
Photo Cell – Part Night	
24 hour operation	847

Lamp Type	Lamp Wattage	Numbers of Lamps
CDM/T	35	27
	70	36
	150	27
	250	
MCF	20	
	30	
	36	410
	40	
	58	27
	65	
	70	
PL-L	75	
	85	
	125	
	24	
	36	42
PL-T	40	
	55	
	18	
	26	
TH	32	
	42	
	50	
	100	
	300	40
GLS	500	
	1000	
	1500	
	60	
MBT/L	100	
	150	
	160	



# North Tyneside Council – Reduced Road Lighting Inventory for use in July 2002 Submissions

## A. PRIMARY FACTORS

Column Material	Age in Years	Column Mounting Height						
		4m	5m	6m	8m	10m	12m	>12m
Mild Steel	0-20		8,321	1,600	2,640	2,913	714	
	21-30							
	31-40							
	Over 40							
Stainless Steel	0-20							
	21-30							
	31-40							
	Over 40							
Concrete	0-20							
	21-30							
	31-40	16	5,059	155	573	253		
	Over 40							
Aluminium	0-20							
	21-30		7					
	31-40		72					
	Over 40							
Cast Iron	0-20							
	21-30							
	31-40							
	Over 40							
Wood	0-20							
	21-30							
	31-40	1,244	626					
	Over 40							
Composite	0-20							
	21-30							
	31-40							
	Over 40							

NB: Columns up to and including 4m to be entered in to column titled "4m".  
Columns over 12m mounting height to be entered in to column titled ">12m".  
Please denote column height in brackets alongside.

## B. COLUMN TYPE PROFILE

Material Type	Numbers of Columns
Mild Steel – External Protective Coating Only	
Mild Steel – Dipped Galvanised Only	16218
Mild Steel – Hot Dipped Galvanised and External Protective Coating	107
Stainless Steel	
Concrete	6055
Aluminium	79
Cast Iron	1870
Wood	
Composite	

## C. ENERGY PROFILE

Lamp Type	Lamp Wattage	Numbers of Lamps
SOX	35	454
	55	10,197
	90	2,442
	135	2,480
	180	250
SOX-E	26	
	36	
	66	
	91	
	131	
SON	50	
	70	570
	100	329
	150	570
	250	289
	400	191
MBF	50	1,135
	80	3,685
	125	1,144
	250	3
	400	2
QL	55	
	85	
Metal Halide	70	
	100	
	150	
	250	
	400	
	1000	

NB: Mild Steel – External Protective Coating Only, all mild steel columns finished with only an external coating such as a paint finish, PVC Coating, metal sprayed and metal sprayed and sealed.

Mild Steel – Hot Dipped Galvanised, all mild steel lighting columns supplied with only a hot dipped galvanised finish, columns may have an additional base protection such as a G1 finish or heat shrink film. Includes hot dipped galvanised columns that have been in service a number of years and then coated for additional protection.

Mild Steel – Hot Dipped Galvanised & External Protective Coating, all mild steel columns supplied from the manufacturer with a hot dipped galvanised finish and an additional protective coatings (paint finishes, fusion bonded coatings and metal sprayed and sealed) in the factory. Finishing coat may be applied on site. Does not include hot dipped galvanised columns that have been in service a number of years and then coated for additional protection.

## D. LIGHTING CONTROL

Control	Numbers of Lamps
Time Switch – All Night	
Time Switch – Part Night	
Photo Cell – All Night	21,381
Photo Cell – Part Night	
24 hour operation	586

Lamp Type	Lamp Wattage	Numbers of Lamps
CDM/T	35	
	70	
	150	
	250	
MCF	20	12
	30	
	36	
	40	
	58	
	65	
	70	
PL-L	24	
	36	
	40	
	55	
	75	
PL-T	18	
	26	
	32	
	42	
TH	50	42
	100	
	300	
	500	
	1000	
GLS	60	
	100	33
	150	
MBT/L	160	



**South Tyneside Metropolitan Borough Council –  
Reduced Road Lighting Inventory for use in July 2002 Submissions**

**A. PRIMARY FACTORS**

Column Material	Age in Years	Column Mounting Height						
		4m	5m	6m	8m	10m	12m	>12m
Mild Steel	0-20		5,535		2,541			5
	21-30		1,581		736			
	31-40		3,828		1,639			
	Over 40							
Stainless Steel	0-20							
	21-30							
	31-40							
	Over 40							
Concrete	0-20		765					
	21-30		1,500					
	31-40		3,348		453			
	Over 40							
Aluminium	0-20							
	21-30							
	31-40							
	Over 40							
Cast Iron	0-20							
	21-30							
	31-40							
	Over 40		489					
Wood	0-20							
	21-30							
	31-40							
	Over 40							
Composite	0-20							
	21-30							
	31-40							
	Over 40							

NB: 1. Unable to confirm numbers for 5 and 6m columns and 8, 10 and 12m columns, totals have been declared under grouped headings.  
2. The Street Lighting Section maintains 661 lighting units on Northern Electric poles. The details of these poles have not been declared in section A.

**B. COLUMN TYPE PROFILE**

Material Type	Numbers of Columns
Mild Steel – External Protective Coating Only	7,786
Mild Steel – Dipped Galvanised Only	4,189
Mild Steel – Hot Dipped Galvanised and External Protective Coating	3,890
Stainless Steel	
Concrete	6,125
Aluminium	
Cast Iron	489
Wood	
Composite	

**C. ENERGY PROFILE**

Lamp Type	Lamp Wattage	Numbers of Lamps
SOX	35	4
	55	13,836
	90	1,873
	135	2,260
	180	233
SOX-E	26	
	36	
	66	
	91	
	131	
SON	50	
	70	3,550
	100	772
	150	679
	250	951
	400	215
MBF	50	
	80	465
	125	95
	250	
QL	55	
	85	
Metal Halide	70	
	100	
	150	
	250	28
	400	
	1000	

NB: Energy Profile contains details of the lighting units mounted on Northern Electric poles (see notes to Table A).

**D. LIGHTING CONTROL**

Control	Numbers of Lamps
Time Switch – All Night	300
Time Switch – Part Night	
Photo Cell – All Night	24,718
Photo Cell – Part Night	
24 hour operation	179

Lamp Type	Lamp Wattage	Numbers of Lamps
CDM/T	35	
	70	26
	150	
	250	
MCF	8	9
	30	
	36	
	40	
	58	38
	65	
	70	
PL-L	18	26
	36	62
	40	6
	55	9
	125	
PL-S	11	40
	26	
	32	
	42	
TH	50	
	100	
	300	
	500	4
	1000	
GLS	60	4
	100	
	150	
MBT/L	160	



**Sunderland Council –  
Reduced Road Lighting Inventory for use in July 2002 Submissions**

**A. PRIMARY FACTORS**

Column Material	Age in Years	Column Mounting Height										
		4m	5m	6m	8m	10m	12m	15m	20m	25m	30m	Total
Mild Steel	0-20		3,555	3,162	2,455	3,536	135		2	2		12,847
	Over 20	3	9,599	840	1,418	3,878	556	2	4	25	7	16,332
Concrete	0-20											0
	Over 20		8,465	1,890	829	597	12					11,793
Aluminium	0-20											0
	Over 20		60		18		2					80
Cast Iron	0-20	177	2									179
	Over 20											0
Wood	0-20											0
	Over 20				950		0					950
<b>TOTAL</b>		<b>180</b>	<b>21,681</b>	<b>5,892</b>	<b>5,670</b>	<b>8,011</b>	<b>705</b>	<b>2</b>	<b>6</b>	<b>27</b>	<b>7</b>	<b>42,181</b>

**B. COLUMN TYPE PROFILE**

Material Type	Numbers of Columns
Mild Steel – External Protective Coating Only	9,472
Mild Steel – Hot Dipped Galvanised Only	7,952
Mild Steel – Hot Dipped Galvanised and External Protective Coating	11,755
Stainless Steel	0
Concrete	11,793
Aluminium	80
Cast Iron	179
Wood	950
Composite	0

**C. ENERGY PROFILE**

Lamp Type	Lamp Wattage	Numbers of Lamps
SOX	18	293
	35	1,392
	55	12,269
	90	2,165
	135	2,924
	180	1,452
SOX-E	26	
	36	
	66	
	91	
	131	4
	1000	55
SON	50	60
	70	592
	100	12,177
	150	3,856
	250	4,953
	400	599
	600	
	1000	55
MBF	50	6
	80	437
	125	1,679
	250	
	400	
Metal Halide	70	
	100	12
	150	20
	250	63
	400	58
	2000	

**D. LIGHTING CONTROL**

Control	Numbers of Lamps
Time Switch – All Night	
Time Switch – Part Night	
Photo Cell – All Night	45,019
Photo Cell – Part Night	
24 hour operation	2,379

Lamp Type	Lamp Wattage	Numbers of Lamps
Fluorescent	8	27
	11	7
	18	1,868
	20	49
	30	
	36	138
	40	40
	58	50
	65	116
	70	
	75	8
	85	
	100	56
	125	
MBT/L	160	3

**Note:** Information on the Street Lighting Inventory for Gateshead Council is available from Andrew Haysey at Civic Centre, Regent Street, Gateshead. Tel: 0191 433 3124.

