



ANNEXES to the Consolidated Environmental NGOs Response to Stakeholder consultation on mercury-containing lamps (Review of Annex to the RoHS directive)¹

August 2009

¹ Initial Environmental NGOs response can be found at http://www.zeromercury.org/EU_developments/080401NGOs-RoHSconsultation-Review-of-Annex.pdf, Annexes accompany the submission –
I : http://www.zeromercury.org/EU_developments/Annex%20I%20Philip%20Lamps%20-%20Mercury%20Content%202008.pdf
II: http://www.zeromercury.org/EU_developments/AnnexII_GE_viaOmega2007_4thQTR_REPORT_received3-3-08.pdf
III: http://www.zeromercury.org/EU_developments/Annex%20III%20Sylvania%20mercury%20content.1107.pdf
IV: http://www.zeromercury.org/EU_developments/AnnexIVMercury_inHPS_LampsEU_Reccs.pdf

ANNEX I

COMPACT FLUORESCENT-NON INTEGRATED		
Product Number	Description	Hg Content
PL-S Short Fluorescent Lamps		
146811	PL-S 13W/827/2P/ALTO 10PK	1.4 mg
146829	PL-S 13W/827/2P/ALTO BULK	1.4 mg
146837	PL-S 13W/830/2P ALTO 10PK	1.4 mg
146845	PL-S 13W/835/2P/ALTO 10PK	1.4 mg
146852	PL-S 13W/841/2P/ALTO 10PK	1.4 mg
146860	PL-S 13W/841/2P/ALTO BULK	1.4 mg
146878	PL-S 13W/850/2P ALTO 10PK	1.4 mg
146886	PL-S 13W/850/2P/ALTO BULK	1.4 mg
146712	PL-S 5W827/2P/ALTO 10pk	1.4 mg
148684	PL-S 5W/841/2P/ALTO 10pk	1.4 mg
148718	PL-S 7W/827/2P/ALTO 10pk	1.4 mg
148726	PL-S 7W/835/2P/ALTO 10pk	1.4 mg
148734	PL-S 7W/841/2P/ALTO 10PK	1.4 mg
148742	PL-S 7W/850/2P/ALTO 10PK	1.4 mg
148676	PL-S 9W/827/2P ALTO 10PK	1.4 mg
148692	PL-S 9W/835/2P ALTO 10PK	1.4 mg
148700	PL-S 9W/841/2P/ALTO 10PK	1.4 mg
146803	PL-S 9W/850/2P ALTO 10PK	1.4 mg
PL-C Cluster 2-pin Fluorescent Lamps		
383141	PL-C 13W/27/ALTO 10PK	1.4 mg
383109	PL-C 13W/27/USA/ALTO 10PK	1.4 mg
383158	PL-C 13W/30/ALTO 10PK	1.4 mg
383117	PL-C 13W/30/USA/ALTO 10PK	1.4 mg
383125	PL-C 13W/35/USA/ALTO 10PK	1.4 mg
383133	PL-C 13W/41/USA/ALTO 10 PK	1.4 mg
383166	PL-C 18W/27/ALTO 10PK	1.4 mg
383174	PL-C 18W/30/ALTO 10PK	1.4 mg
383182	PL-C 18W/35/ALTO 10PK	1.4 mg
383190	PL-C 18W/41/2P/ALTO 10PK	1.4 mg
383216	PL-C 26W/27/ALTO 10PK	1.4 mg
383224	PL-C 26W/30 ALTO 10PK	1.4 mg
383232	PL-C 26W/35 ALTO 10PK	1.4 mg
383240	PL-C26W/41/ALTO 10PK	1.4 mg
PL-C Cluster 4-pin Fluorescent Lamps		
383257	PL-C 13W/27/4P/ALTO 10PK	1.4 mg
383265	PL-C 13W/30/4P/ALTO 10PK	1.4 mg
383273	PL-C 13W/35/4P/ALTO 10PK	1.4 mg
383281	PL-C 13W/41/4P/ALTO 10PK	1.4 mg
383349	PL-C 26W/27/4P/ALTO 10PK	1.4 mg
383299	PL-C 18W/27/4P/ALTO 10PK	1.4 mg
383307	PL-C 18W/30/4P/ALTO 10PK	1.4 mg
383323	PL-C 18W/35/4P/ALTO 10PK	1.4 mg
383331	PL-C 18W/41/4P/ALTO 10PK	1.4 mg
383356	PL-C 26W/30/4P/ALTO 10PK	1.4 mg
383364	PL-C 26W/35/4P/ALTO 10PK	1.4 mg
383372	PL-C 26W/41/4P/ALTO 10PK	1.4 mg
204784	PL-C 15MM/22W/27 40PK	5.0 mg
204792	PL-C 15MM/28W/27 40PK	5.0 mg
PL-L Long Fluorescent Lamps		
345009	PL-L 18W/30 25PK	4.4 mg
359323	PL-L 18W/35 25PK	4.4 mg
345017	PL-L 18W/41 25PK	4.4 mg
345058	PL-L 24W/30 25PK	4.4 mg

359331	PL-L 24W/35 25PK	4.4 mg
345082	PL-L 24W/41 25PK	4.4 mg
345116	PL-L 36W/30 25PK	4.4 mg
349423	PL-L 36W/35 25PK	4.4 mg
345132	PL-L 36W/41 25PK	4.4 mg
386979	PL-L 80W/830 25PK	4.4 mg
386987	PL-L 80W/835 25PK	4.4 mg
386995	PL-L 80W/841 25PK	4.4 mg
347476	PL-L 50W/830/4P/RS 25PK	4.4 mg
347534	PL-L 50W/835/4P/RS 25PK	4.4 mg
347708	PL-L 50W/841/RP/RS 25PK	4.4 mg
138446	PL-L 55W/950/4P 25PK	4.4 mg
300426	PL-L40W/30/RS/IS 25PK	4.4 mg
300434	PL-L 40W/35/RS/IS 25PK	4.4 mg
300442	PL-L 40W/41/RS/IS 25PK	4.4 mg

PL-T Triple 4-pin Fluorescent Lamps

384370	PL-T 18W/27/4P/ALTO 12PK	2.7 mg
268029	PL-T 18W/30/4P/ALTO 12PK	2.7 mg
268201	PL-T 18W/35/4P/ALTO 12PK	2.7 mg
268227	PL-T 18W/41/4P/ALTO 12PK	2.7 mg
384404	PL-T 26W/27/4P/ALTO 12PK	2.7 mg
268235	PL-T 26W/30/4P/ALTO 12PK	2.7 mg
268243	PL-T 26W/35/4P/ALTO 12PK	2.7 mg
268250	PL-T 26W/41/4P/ALTO 12PK	2.7 mg
384438	PL-T 32W/27/4P/ALTO 12PK	2.7 mg
268326	PL-T 32W/30/4P/ALTO 12PK	2.7 mg
268334	PL-T 32W/35/4P/ALTO 12PK	2.7 mg
268722	PL-T 32W/41/4P/ALTO 12PK	2.7 mg
384503	PL-T 42W/27/4P/ALTO 12PK	2.7 mg
268730	PL-T 42W/30/4P/ALTO 12PK	2.7 mg
268755	PL-T 42W/35/4P/ALTO 12PK	2.7 mg
134882	PL-T 42W/835/4P/HTA ALTO 12P	2.7 mg
134874	PL-T 42W/830/4P/HTA ALTO	2.7 mg
268763	PL-T 42W/41/4P/ALTO 12PK	2.7 mg
136598	PL-T42W/841/4P/HTA ALTO 12PK	2.7 mg
146316	PL-T 57W/830/4P/A 10PK	3.0 mg
146324	PL-T 57W/835/4P/A 10PK	3.0 mg
146332	PL-T 57W/841/4P/A 10PK	3.0 mg

PL-H High Performance Fluorescent Lamps

133728	PL-H 120W/830 ALTO 10PK	4.4 mg
133736	PL-H 120W/841 ALTO 10PK	4.4 mg
133686	PL-H 60W/830 ALTO 10PK	4.4 mg
133694	PL-H 60W/841 ALTO 10PK	4.4 mg
133702	PL-H 85W/830 ALTO 10PK	4.4 mg
133710	PL-H 85W/841 ALTO 10PK	4.4 mg

LINEAR FLUORESCENT PROFESSIONAL PRODUCTS

Philips Silhouette™ Long Life & Standard T5 Lamps T5 Miniature Bipin; Programmed Start

29026-2	F54T5/830/HO/ALTO	1.4 mg
29028-8	F54T5/835/HO/ALTO	1.4 mg
29083-3	F54T5/841/HO/ALTO	1.4 mg
13510-3	F54T5/850/HO/ALTO	1.4 mg
14745-4	F54T5/865/HO/ALTO	1.4 mg

SILHOUETTE Series 2'-5' T5 Fluorescent Lamps T5 Miniature Bipin; Programmed Start

23077-1	F14T5/830/ALTO	1.4 mg
23079-7	F14T5/835/ALTO	1.4 mg
23080-5	F14T5/841/ALTO	1.4 mg
23081-3	F21T5/830/ALTO	1.4 mg
23082-1	F21T5/835/ALTO	1.4 mg
23083-9	F21T5/841/ALTO	1.4 mg
23084-7	F28T5/830/ALTO	1.4 mg
23085-4	F28T5/835/ALTO	1.4 mg
23086-2	F28T5/841/ALTO	1.4 mg
23088-8	F35T5/830	
23091-2	F35T5/835	
23095-3	F35T5/841	

SILHOUETTE Series 2'-5' T5 High Output Fluorescent Lamps

T5 Miniature Bipin; Programmed Start

29019-7	F24T5/830/HO/ALTO	1.4 mg
29020-5	F24T5/835/HO/ALTO	1.4 mg
29021-3	F24T5/841/HO/ALTO	1.4 mg
29022-1	F39T5/830/HO/ALTO	1.4 mg
29023-9	F39T5/835/HO/ALTO	1.4 mg
29025-4	F39T5/841/HO/ALTO	1.4 mg
29084-1	F80T5/830/HO	5 mg
14744-7	F80T5/835/HO	5 mg
29088-2	F80T5/841/HO	5 mg

Colored—Linear Fluorescent Lamps—T5 High Output

14637-3	F24T5/Red/HO	5 mg
14638-1	F24T5/Green/HO	5 mg
14639-9	F24T5/Blue/HO	5 mg
14640-7	F54T5/Red/HO	5 mg
14641-5	F54T5/Green/HO	5 mg
14642-3	F54T5/Blue/HO	5 mg

SILHOUETTE™ Series T5 Circular Fluorescent Lamps

2GX13 Base; Programmed Start

16601-7	TL5C 22W/830	5 mg
14856-9	TL5C 22W/835	5 mg
16600-9	TL5C 22W/840	5 mg
16596-8	TL5C 40W/830	5 mg
14859-3	TL5C 40W/835	5 mg
16598-4	TL5C 40W/840	5 mg

SILHOUETTE™ Series T5 Circular Fluorescent Lamps

2GX13 Base; Programmed Start

16593-6	TL5C 55W/830	5 mg
14862-7	TL5C 55W/835	5 mg
16592-8	TL5C 55W/840	5 mg

SILHOUETTE™ Series T5 Circular Fluorescent Lamps

2GX13 Base; Programmed Start

29010-6	FC9T5/830	5 mg
29011-4	FC9T5/835	5 mg
29012-2	FC9T5/841	5 mg
29014-8	FC12T5/830	5 mg
29016-3	FC12T5/835	5 mg
29017-1	FC12T5/841	5 mg

SILHOUETTE™ Series T5 Circular Fluorescent Lamps

2GX13 Base; Programmed Start

38479-2	FC12T5/830/HO	5 mg
38480-0	FC12T5/841/HO	5 mg

Preheat Fluorescent Lamps**T5 Miniature Bipin; Requires Use of Starters**

33236-1	F4T5/CW	20 mg
33241-1	F6T5/CW	20 mg
33242-9	F6T5/D	20 mg
33252-8	F8T5/WW	20 mg
33247-8	F8T5/CW	20 mg
20702-7	F8T5/30U	20 mg
33249-4	F8T5/D	20 mg
33253-6	F13T5/CW	20 mg
20703-5	F13T5/30U	20 mg

Universal T8 Fluorescent Lamps**T8 Medium Bipin**

36787-0	F17T8/TL830/ALTO	1.7mg
36791-2	F17T8/TL835/ALTO	1.7mg
36793-8	F17T8/TL841/ALTO	1.7mg
14123-4	F17T8/TL850/ALTO	1.7mg
36807-6	F17T8/TL730/ALTO	1.7mg
36808-4	F17T8/TL735/ALTO	1.7mg
36812-6	F17T8/TL741/ALTO	1.7mg
36813-4	F25T8/TL830/ALTO	1.7mg
36814-2	F25T8/TL835/ALTO	1.7mg
36825-8	F25T8/TL841/ALTO	1.7mg
14124-2	F25T8/TL850/ALTO	1.7mg
36826-6	F25T8/TL730/ALTO	1.7mg
36828-2	F25T8/TL735/ALTO	1.7mg
36829-0	F25T8/TL741/ALTO	1.7mg
24667-8	F32T8/TL830/ALTO	1.7mg
27236-9	F32T8/TL830/ALTO PLZ	1.7mg
24670-2	F32T8/TL835/ALTO	1.7mg
27233-6	F32T8/TL835/ALTO PLZ	1.7mg
24671-0	F32T8/TL841/ALTO	1.7mg
27235-1	F32T8/TL841/ALTO PLZ	1.7mg
27229-4	F32T8/TL850/ALTO	1.7mg
27252-6	F32T8/TL730 ALTO	1.7mg
27282-3	F32T8/TL730/ALTO PLZ	1.7mg
27249-2	F32T8/TL735/ALTO	1.7mg
27259-1	F32T8/TL735/ALTO PLZ	1.7mg
27248-4	F32T8/TL741/ALTO	1.7mg
38351-3	F32T8/TL741/ALTO	1.7mg
27255-9	F32T8/TL741/ALTO PLZ	1.7mg
27268-2	F32T8/TL750/ALTO	1.7mg

PLUS T8 Fluorescent Lamps**T8 Medium Bipin Featuring HI-VISION® Phosphor**

38419-8	F15T8/TL865/PLUS/ALTO	1.7mg
14552-4	F17T8/TL830/PLUS/ALTO	1.7mg
14553-2	F17T8/TL835/PLUS/ALTO	1.7mg
14554-0	F17T8/TL841/PLUS/ALTO	1.7mg
14555-7	F17T8/TL850/PLUS/ALTO	1.7mg
38215-0	F17T8/TL865/PLUS/ALTO	1.7mg
14556-5	F25T8/TL830/PLUS/ALTO	1.7mg
14557-3	F25T8/TL835/PLUS/ALTO	1.7mg

14558-1	F25T8/TL841/PLUS/ALTO	1.7mg
14559-9	F25T8/TL850/PLUS/ALTO	1.7mg
38258-0	F25T8/TL865/PLUS/ALTO	1.7mg
36000-8	F32T8/TL830/PLUS/ALTO	1.7mg
36001-6	F32T8/TL835/PLUS/ALTO	1.7mg
36002-4	F32T8/TL841/PLUS/ALTO	1.7mg
13686-1	F32T8/TL841/PLUS/ALTO PLZ	1.7mg
36003-2	F32T8/TL850/PLUS/ALTO	1.7mg
38261-4	F32T8/TL865/PLUS/ALTO	1.7mg
36004-0	F32T8/TL730/PLUS/ALTO	1.7mg
36005-7	F32T8/TL735/PLUS/ALTO	1.7mg
38383-6	F32T8/TL735/PLUS/ALTO PLZ	1.7mg
36013-1	F32T8/TL741/PLUS/ALTO	1.7mg
38384-4	F32T8/TL741/PLUS/ALTO PLZ	1.7mg
36014-9	F32T8/TL750/PLUS/ALTO	1.7mg

Advantage T8 Fluorescent Lamps

T8 Medium Bipin Featuring HI-VISION® Phosphor

13987-3	F32T8/ADV830/ALTO	1.7mg
13988-1	F32T8/ADV835/ALTO	1.7mg
13989-9	F32T8/ADV841/ALTO	1.7mg
13990-7	F32T8/ADV850/ALTO	1.7mg

Energy Advantage T8 Long Life 25 Watt Fluorescent Lamps

T8 Medium Bipin Featuring HI-VISION® Phosphor

13781-0	F32T8/ADV830/XEW/LL/ALTO 25 Watt	1.7mg
13782-8	F32T8/ADV835/XEW/LL/ALTO 25 Watt	1.7mg
13783-6	F32T8/ADV841/XEW/LL/ALTO 25 Watt	1.7mg
13784-4	F32T8/ADV850/XEW/LL/ALTO 25 Watt	1.7mg

Energy Advantage T8 Long Life 28 Watt Fluorescent Lamps

T8 Medium Bipin Featuring HI-VISION® Phosphor

14732-2	F32T8/ADV830/EW/LL/ALTO 28 Watt	1.7mg
14733-0	F32T8/ADV835/EW/LL/ALTO 28 Watt	1.7mg
14734-8	F32T8/ADV841/EW/LL/ALTO 28 Watt	1.7mg
14735-5	F32T8/ADV850/EW/LL/ALTO 28 Watt	1.7mg

Energy Advantage T8 Long Life 30 Watt Fluorescent Lamps

T8 Medium Bipin Featuring HI-VISION® Phosphor

14771-0	F32T8/ADV830/EW/LL/ALTO 30 Watt	1.7mg
14772-8	F32T8/ADV835/EW/LL/ALTO 30 Watt	1.7mg
14773-6	F32T8/ADV841/EW/LL/ALTO 30 Watt	1.7mg
14774-4	F32T8/ADV850/EW/LL/ALTO 30 Watt	1.7mg

Rapid Start Fluorescent Lamps

T8 Medium Bipin; High CRI

22154-9	F17T8/TL950	5 mg
22158-0	F25T8/TL930	5 mg
22159-8	F25T8/TL950	5 mg
20904-9	F32T8/TL930	5 mg
20905-6	F32T8/TL950	5 mg

U-Bent Rapid Start Fluorescent Lamps

T8 Medium Bipin with 6" Leg Spacing

37897-6	FB32T8/TL830/6/ALTO	3 mg
37900-8	FB32T8/TL835/6/ALTO	3 mg
37902-4	FB32T8/TL841/6/ALTO	3 mg
37880-2	FB32T8/TL850/6/ALTO	3 mg

37892-7	FB32T8/TL730/6/ALTO	3 mg
37893-5	FB32T8/TL735/6/ALTO	3 mg
37894-3	FB32T8/TL741/6/ALTO	3 mg
37882-8	FB32T8/TL750/6/ALTO	3 mg

Rapid Start Fluorescent Lamps

T8 Medium Bipin

36831-6	F40T8/TL830/ALTO	3.5 mg
36834-0	F40T8/TL835/ALTO	3.5 mg
36847-2	F40T8/TL841/ALTO	3.5 mg
36851-4	F40T8/TL730/ALTO	3.5 mg
36852-2	F40T8/TL735/ALTO	3.5 mg
36853-0	F40T8/TL741/ALTO	3.5 mg

Preheat Fluorescent Lamps

T8 Medium Bipin Linear Fluorescent Lamps; Requires Use of Starters

37823-2	F15T8D/ALTO	1.9 mg
38298-6	F15T8/WW/ALTO	1.9 mg
36720-1	F15T8/CW/ALTO	16 mg
36436-4	F15T8/CW BULK	16 mg
39226-6	F15T8/PLANT	16 mg
26063-8	F30T8/D	1.9 mg
38691-2	F30T8/CW/ALTO	1.9 mg

US Slimline T8 8-Foot Fluorescent Lamps

T8 Single Pin; Featuring ALTO® Lamp Technology; Instant Start

38800-9	F96T8/TL830/PLUS/ALTO	4.4 mg
38801-7	F96T8/TL835/PLUS/ALTO	4.4 mg
38802-5	F96T8/TL841/PLUS/ALTO	4.4 mg
38803-3	F96T8/TL850/PLUS/ALTO	4.4 mg
38805-8	F96T8/TL735/PLUS/ALTO	4.4 mg
38806-6	F96T8/TL741/PLUS/ALTO	4.4 mg

PLUS High Output T8 8-Foot Fluorescent Lamps

T8 Recessed D.C.; Featuring ALTO® Lamp Technology

38826-4	F96T8/TL830/HO/PLUS/ALTO	4.4 mg
38827-2	F96T8/TL835/HO/PLUS/ALTO	4.4 mg
38828-0	F96T8/TL841/HO/PLUS/ALTO	4.4 mg
38831-4	F96T8/TL741/HO/PLUS/ALTO	4.4 mg

High Output Fluorescent Lamps

T8 Recessed D.C.; Featuring ALTO® Lamp Technology

38808-2	F48T8/TL830/HO/ALTO	3.5 mg
38809-0	F48T8/TL835/HO/ALTO	3.5 mg
38810-8	F48T8/TL841/HO/ALTO	3.5 mg
38814-0	F60T8/TL830/HO/ALTO	3.5 mg
38815-7	F60T8/TL835/HO/ALTO	3.5 mg
38816-5	F60T8/TL841/HO/ALTO	3.5 mg
38820-7	F72T8/TL830/HO/ALTO	3.5 mg
38821-5	F72T8/TL835/HO/ALTO	3.5 mg
38822-3	F72T8/TL841/HO/ALTO	3.5 mg

Rapid Start Fluorescent Lamps

T12 Medium Bipin

27247-6	F25T12/CW/RS/EW/ALTO	3.5 mg
31365-0	F25T12/WW/RS/EW	3.5 mg
31377-5	F30T12/30U/RS/ALTO	3.5 mg
31379-1	F30T12/35U/RS/ALTO	3.5 mg

31380-9	F30T12/41U/RS/ALTO	3.5 mg
31381-7	F30T12/50U/RS/ALTO	3.5 mg
31369-2	F30T12/SPEC30/RS/ALTO	3.5 mg
31371-8	F30T12/SPEC35/RS/ALTO	3.5 mg
31372-6	F30T12/SPEC41/RS/ALTO	3.5 mg
31376-7	F30T12/C50/RS	16 mg
37649-1	F30T12/D/RS/ALTO	3.5 mg
27242-7	F30T12/CW/RS/ALTO	3.5 mg
31221-7	F30T12/WW/RS/ALTO	3.5 mg

Advantage Rapid Start Ultimate Performance Fluorescent Lamps

T12 Medium Bipin

14257-0	F34T12/ADV30/EW/ALTO	4.4 mg
14258-8	F34T12/ADV35/EW/ALTO	4.4 mg
14259-6	F34T12/ADV41/EW/ALTO	4.4 mg
14260-4	F34T12/ADV50/EW/ALTO	4.4 mg

Rapid Start "Long Life" Fluorescent Lamps

T12 Medium Bipin

14251-3	F34/CW/RS/EW/LL/ALTO	4.4 mg
14252-1	F34/WW/RS/EW/LL/ALTO	4.4 mg

Rapid Start 800 Series Fluorescent Lamps

T12 Medium Bipin

14253-9	F34T12/830/EW/ALTO	4.4 mg
14254-7	F34T12/835/EW/ALTO	4.4 mg
14255-4	F34T12/841/EW/ALTO	4.4 mg
14256-2	F34T12/850/EW/ALTO	4.4 mg

Rapid Start Fluorescent Lamps

T12 Medium Bipin

26659-3	F34/DX/RS/EW/ALTO	4.4 mg
24470-7	F34/CW/RS/EW/ALTO	4.4 mg
22046-7	F34/CW/RS/EW/ALTO	4.4 mg
24472-3	F34/CW/RS/EW/ALTO PLZ	4.4 mg
25686-7	F34/WW/RS/EW/ALTO	4.4 mg

U-Bent Fluorescent Lamps

T12 Medium Bipin

37871-1	FB34/SPEC30/6/EW/ALTO	4.4 mg
37872-9	FB34/SPEC35/6/EW/ALTO	4.4 mg
37874-5	FB34/SPEC41/6/EW/ALTO	4.4 mg
37863-8	FB34/CW/6/EW/ALTO	4.4 mg
37865-3	FB34/LW/6/EW/ALTO	4.4 mg
37862-0	FB34/WW/6/EW/ALTO	4.4 mg
20704-3	FB34/CW/3/EW	
20705-0	FB34/WW/3/EW	

Advantage Rapid Start Ultimate Performance Fluorescent Lamps

T12 Medium Bipin Linear Fluorescent Lamps

26604-9	F40T12/ADV30/ALTO	4.4 mg
26631-2	F40T12/ADV35/ALTO	4.4 mg
26640-3	F40T12/ADV41/ALTO	4.4 mg
26643-7	F40T12/ADV50/ALTO	4.4 mg

Rapid Start 800 Series Fluorescent Lamps

T12 Medium Bipin

14261-2	F40T12/830/ALTO	4.4 mg
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14262-0	F40T12/835/ALTO	4.4 mg
14263-8	F40T12/841/ALTO	4.4 mg
14264-6	F40T12/850/ALTO	4.4 mg

Rapid Start Fluorescent Lamps

T12 Medium Bipin Linear Fluorescent Lamps

33464-9	F40/C75	16 mg
30203-4	F40/C50	16 mg
27359-9	F40/DX/ALTO	4.4 mg
36765-6	F40/CWX	16 mg
39228-2	F40/PLANT	16 mg
20189-7	F40/BB	16 mg

U-Bent Fluorescent Lamps

T12 Medium Bipin

37879-4	FB40/30U/6/ALTO	4.4 mg
37840-6	FB40/35U/6/ALTO	4.4 mg
37876-0	FB40/41U/6/ALTO	4.4 mg
37866-1	FB40/SPEC30/6/ALTO	4.4 mg
37854-7	FB40/SPEC35/6/ALTO	4.4 mg
37868-7	FB40/SPEC41/6/ALTO	4.4 mg
21993-1	FB40/DX/6	

Slimline Fluorescent Lamps

T12 Single Pin Linear Fluorescent Lamps; Instant Start

14140-8	F36T12/CW	
36609-6	F48T12/SPEC41/EW/ALTO	4.4 mg
38700-1	F48T12/CW/EW/ALTO	4.4 mg
36613-8	F48T12/SPEC35/ALTO	4.4 mg
36219-4	F48T12/D/ALTO	4.4 mg
38702-7	F48T12/CW/ALTO	4.4 mg
36660-9	F48T12/WW/ALTO	4.4 mg
35564-4	F60T12/D	20 mg
35563-6	F60T12/CW	20 mg
35577-6	F64T12/D	20 mg
35576-8	F64T12/CW	20 mg
36614-6	F72T12/30U/ALTO	6.8 mg
36618-7	F72T12/35U/ALTO	6.8 mg
36621-1	F72T12/41U/ALTO	6.8 mg
36623-7	F72T12/SPEC35/ALTO	6.8 mg
36985-0	F72T12/D/ALTO	6.8 mg
36989-2	F72T12/CW/ALTO	6.8 mg
36661-7	F72T12/WW/ALTO	6.8 mg

Slimline "Long Life" Fluorescent Lamps

T12 Single Pin Linear Fluorescent Lamps; Instant Start

14747-0	F96T12/CW/EW/LL/ALTO	6.8 mg
14748-8	F96T12/841/EW/LL/ALTO	6.8 mg

Slimline 800 Series Fluorescent Lamps

T12 Single Pin Linear Fluorescent Lamps; Instant Start

14269-5	F96T12/830/EW/ALTO	6.8 mg
14270-3	F96T12/835/EW/ALTO	6.8 mg
14271-1	F96T12/841/EW/ALTO	6.8 mg
14272-9	F96T12/850/EW/ALTO	6.8 mg

Slimline Fluorescent Lamps

T12 Single Pin Linear Fluorescent Lamps; Instant Start

36624-5	F96T12/30U/EW/ALTO	6.8 mg
36625-2	F96T12/35U/EW/ALTO	6.8 mg
36627-8	F96T12/41U/EW/ALTO	6.8 mg
36628-6	F96T12/50U/EW/ALTO	6.8 mg
36630-2	F96T12/SPEC30/EW/ALTO	6.8 mg
26018-2	F96T12/SPEC35/EW/ALTO	6.8 mg
26022-4	F96T12/SPEC41/EW/ALTO	6.8 mg
34198-2	F96T12/C50/EW	20 MG
36654-2	F96T12/DX/EW/ALTO	6.8 mg
25840-0	F96T12/CW/EW/ALTO	6.8 mg
36656-7	F96T12/WW/EW/ALTO	6.8 mg
36655-9	F96T12/LW/EW/ALTO	6.8 mg

Slimline "Long Life" Fluorescent Lamps

T12 Single Pin Linear Fluorescent Lamps; Instant Start

14749-6	F96T12/841/LL/ALTO	6.8 mg
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Slimline 800 Series Fluorescent Lamps

T12 Single Pin Linear Fluorescent Lamps; Instant Start

14273-7	F96T12/830/ALTO	6.8 mg
14274-5	F96T12/835/ALTO	6.8 mg
14275-2	F96T12/841/ALTO	6.8 mg
14276-0	F96T12/850/ALTO	6.8 mg

Slimline Fluorescent Lamps

T12 Single Pin Linear Fluorescent Lamps; Instant Start

36633-6	F96T12/30U/ALTO	6.8 mg
36634-4	F96T12/35U/ALTO	6.8 mg
36635-1	F96T12/41U/ALTO	6.8 mg
36636-9	F96T12/50U/ALTO	6.8 mg
36647-6	F96T12/SPEC30/ALTO	6.8 mg
36648-4	F96T12/SPEC35/ALTO	6.8 mg
36650-0	F96T12/SPEC41/ALTO	6.8 mg
34170-1	F96T12/C50	20 mg
34165-1	F96T12/N	20 mg
37282-1	F96T12/DX/ALTO	20 mg

High Output Fluorescent Lamps (800ma

T12 Recessed D.C. Linear Fluorescent Lamps

14144-0	F24T12/D/HO	
14145-7	F24T12/CW/HO	
14141-6	F30T12/D/HO	
14142-4	F30T12/CW/HO	
14138-2	F36T12/D/HO	
14139-0	F36T12/CW/HO	
14136-6	F42T12/D/HO	
14137-4	F42T12/CW/HO	
13222-5	F48T12/41U/HO/ALTO	4.4 mg
26773-2	F48T12/41U/HO	
21896-6	F48T12/SPEC30/HO	
21897-4	F48T12/SPEC35/HO	
26775-7	F48T12/SPEC41/HO	
36984-3	F48T12/D/HO/ALTO	4.4 mg
36978-5	F48T12/CW/HO/ALTO	4.4 mg
21816-4	F48T12/WW/HO	
35567-7	F60T12/D/HO	
35566-9	F60T12/CW/HO	
35584-2	F64T12/D/HO	

35578-4	F64T12/CW/HO	
27305-2	F72T12/30U/HO	
26723-7	F72T12/35U/HO	
26742-7	F72T12/41U/HO	
30001-2	F72T12/SPEC35/HO	
30756-1	F72T12/SPEC41/HO	
21204-3	F72T12/N/HO	
36653-4	F72T12/D/HO/ALTO	6.8 mg
36651-8	F72T12/CW/HO/ALTO	6.8 mg
33053-0	F72T12/MW/HO	
21206-8	F84T12/D/HO	
21205-0	F84T12/CW/HO	

High Output 800 Series Fluorescent Lamps (800ma)

14277-8	F96T12/830/HO/EW/ALTO	6.8 mg
14278-6	F96T12/835/HO/EW/ALTO	6.8 mg
14279-4	F96T12/841/HO/EW/ALTO	6.8 mg
14280-2	F96T12/850/HO/EW/ALTO	6.8 mg

High Output Fluorescent Lamps (800ma)

T12 Recessed D.C. Linear Fluorescent Lamps

27319-3	F96T12/30U/HO/EW	20 mg
34862-3	F96T12/41U/HO/EW	20 mg
20525-2	F96T12/50U/HO/EW	20 mg
34861-5	F96T12/SPEC30/HO/EW	20 mg
22117-6	F96T12/SPEC35/HO/EW	20 mg
34848-2	F96T12/SPEC41/HO/EW	20 mg
21471-8	F96T12/DX/HO/EW	20 mg
26660-1	F96T12/CW/HO/EW/ALTO	6.8 mg
34219-6	F96T12/MW/HO/EW	20 mg
34216-2	F96T12/LW/HO/EW	20 mg

High Output 800 Series Fluorescent Lamps (800ma)

14281-0	F96T12/830/HO/ALTO	6.8 mg
14282-8	F96T12/835/HO/ALTO	6.8 mg
14283-6	F96T12/841/HO/ALTO	6.8 mg
14284-4	F96T12/850/HO/ALTO	6.8 mg

High Output Fluorescent Lamps (800ma)

T12 Recessed D.C. Linear Fluorescent Lamps

34863-1	F96T12/30U/HO	20 mg
26710-4	F96T12/35U/HO	20 mg
34864-9	F96T12/41U/HO	20 mg
34865-6	F96T12/50U/HO	20 mg
27276-5	F96T12/SPEC30/HO	20 mg
27681-6	F96T12/SPEC35/HO	20 mg
27279-9	F96T12/SPEC41/HO	20 mg
34226-1	F96T12/C50/HO	20 mg
34230-3	F96T12/N/HO	20 mg
34222-0	F96T12/CWX/HO	20 mg
21489-0	F96T12/DX/HO	20 mg

High Output 800 Series Fluorescent Lamps (800ma)

T12 Recessed D.C. Linear Fluorescent Lamps; For Low Temperature Applications

38177-4	F96T12/D/HO-O/ALTO	6.8 mg
38176-4	F96T12/CW/HO-O/ALTO	6.8 mg

Very High Output Fluorescent Lamps (1500ma)**T12 Recessed D.C. Linear Fluorescent Lamps**

21819-8	F48T12/CW/VHO	25 mg
21785-1	F60T12/CW/VHO	25 mg
33054-8	F72T12/D/VHO	25 mg
21210-0	F72T12/CW/VHO	25 mg
34232-9	F96T12/CW/VHO/EW	25 mg
34233-7	F96T12/LW/VHO/EW	25 mg
38213-5	F96T12/41U/VHO/ALTO	8 mg
34237-8	F96T12/D/VHO	25 mg
34234-5	F96T12/CW/VHO	25 mg

Outdoor Very High Output Fluorescent Lamps (1500ma)**T12 Recessed D.C. Linear Fluorescent Lamps**

21820-6	F48T12/CW/VHO-O	25 mg
37543-6	F60T12/50U/VHO-O	25 mg
21786-9	F60T12/CW/VHO-O	25 mg
21211-8	F72T12/CW/VHO-O	25 mg
34243-6	F96T12/CW/VHO-O	25 mg

Preheat Fluorescent Lamps**T12 Medium Bipin Linear Fluorescent Lamps**

14151-5	F14T12/CW	16 mg
14147-3	F15T12/D	16 mg
14149-9	F15T12/CW	16 mg
31399-9	F20T12/30U	16 mg
31401-3	F20T12/41U	16 mg
31403-9	F20T12/50U	16 mg
31386-6	F20T12/SPEC30	16 mg
31388-2	F20T12/SPEC35	16 mg
31396-5	F20T12/C50	16 mg
27328-4	F20T12/D/ALTO	1.9 mg
27332-6	F20T12/CW/ALTO	1.9 mg
27349-0	F20T12/MW/ALTO	1.9 mg
39227-4	F20T12/PLANT	16 mg
31745-3	F20T12/BB	16 mg

Gold Fluorescent Lamps**Blocks UV Emissions**

14746-2	F32T8/GOLD	3.5 mg
14750-4	F40T12/GOLD	4.4 mg

Appliance Fluorescent Lamps**T8 Medium Bipin Linear Fluorescent Lamps; For Use With Starters**

25914-3	F14T8/CW/15	16 mg
25989-5	F16T8/CW/26	16 mg
25990-3	F17T8/CW/28	16 mg
38302-6	F18T8/CW/30/ALTO	1.9 mg
36520-5	F18T8/CW/24	16 mg

Appliance Fluorescent Lamps**T12 Medium Bipin Linear Fluorescent Lamps; For Use With Starters**

14135-8	F25T12/CW/28	16 mg
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Circline Fluorescent Lamps**T9 4-Pin Circular Fluorescent Lamps**

24982-1	FC6T9/Cool White Plus	20 mg
39222-5	FC8T9/Soft White	20 mg

26234-5	FC8T9/D	20 mg
39235-7	FC8T9/DayDLX	20 mg
39116-9	FC8T9/Cool White Plus	20 mg
39122-7	FC12T9/Soft White	20 mg
26260-0	FC12T9/D	20 mg
39117-7	FC12T9/Cool White Plus	20 mg
39118-5	FC16T9/Cool White Plus	20 mg

	HID	Hg Content/mg
251074	Mercury Vapor 1000W Mog BT56 CL	178
397075	Mercury Vapor 1000W Mog BT56 CO	178
252056	Mercury Vapor 400W Mog ED37 CL	66
248427	Mercury Vapor 400W Mog ED37 CO	66
319855	Mercury Vapor 250W Mog ED28 CL	45
248146	Mercury Vapor 250W Mog ED28 CO	45
257683	Mercury Vapor 250W Mog ED28 CO	45
257683	Mercury Vapor 250W Mog ED28 CO	45
140806	Mercury Vapor 250W Mog ED28 CO	45
319657	Mercury Vapor 175W Mog ED28 CL	26
257246	Mercury Vapor 175W Mog ED28 CL	26
257246	Mercury Vapor 175W Mog ED28 CL	26
140905	Mercury Vapor 175W Mog ED28 CL	26
248054	Mercury Vapor 175W Mog ED28 CO	26
257204	Mercury Vapor 175W Mog ED28 CO 1SC	26
257204	Mercury Vapor 175W Mog ED28 CO 1SC	26
140798	Mercury Vapor 175W Mog ED28 CO	26
	MasterColor CDM 350W/940 PS EX39 ED37 CO	
132928	ALTO	13
	MasterColor CDM 350W/841 CW PS EX39 ED37	
132571	CL ALTO	13
130930	MasterColor HPS 250W/840 Mog ED18 CL ALTO	3.6
130948	MasterColor HPS 400W/840 Mog ED18 CL ALTO	4.8
132902	MasterColor CDM 400W/840 EX39 ED37 CL ALTO	12
132936	MasterColor CDM 400W/840 EX39 ED37 CO ALTO	12
331546	Ceramalux 50W Mog ED23 1/2 CO ALTO	17.7
332254	Ceramalux 70W Mog ED23 1/2 CO ALTO	17
332270	Ceramalux 100W Mog ED23 1/2 CO ALTO	22.1
332288	Ceramalux 150W Mog ED23 1/2 CL ALTO	17
134692	Ceramalux 310W Mog ED18 CL	31.3
133348	Pulse Start MH Pro 400W/640 EX39 ED37 CL	65
133355	Pulse Start MH Pro 400W/635 EX39 ED37 CO	65
131623	Switch Start MH Std 1500W/635 Mog BT56 CL	203.9
	Switch Start MH Protected 400W/640 EX39 ED37	
133322	CL	65
	Switch Start MH Protected 400W/635 EX39 ED37	
133330	CO	65
	Switch Start MH Protected 360W/635 EX39 ED37	
130682	CO	60
	Switch Start MH Protected 360W/640 EX39 ED37	
130674	CL	60
313585	Switch Start MH Std 175W/635 Med BD17 CL	28
257626	Switch Start MH Std 175W/635 Med BD17 CL	28
140897	Switch Start MH Std 175W/635 Med BD17 CL	28
313593	Switch Start MH Std 175W/635 Med BD17 CO	28
	Switch Start MH Protected 175W/640 EX39 ED28	
281196	CL	31.1
278622	Switch Start MH Std 400W/640 Mog ED28 CL	52
257717	Switch Start MH Std 400W/640 Mog ED28 CL	52

140848	Switch Start MH Std 400W/640 Mog ED28 CL	52
246736	Switch Start MH Std 400W/640 Mog ED28 CL	65
	Switch Start MH Safety Lifeguard 400W/640 Mog	
345983	ED37 CL	52
	Switch Start MH Safety Lifeguard 400W/635 Mog	
346015	ED37 CO	52
298265	Switch Start MH Std 1000W/635 Mog BT56 CL	150.1
298273	Switch Start MH Std 1000W/735 Mog BT56 CO	150.1
321505	Switch Start MH Std 1000W/635 Mog BT37 CL	150.6
	Switch Start MH Safety Lifeguard 1000W/635 Mog	
233585	BT56 CL	150.1
250936	Switch Start MH Std 1000W/635 Mog BT56 CL	210.2
251371	Switch Start MH Std 1000W/735 Mog BT56 CO	210.2
251306	Switch Start MH Std 1000W/635 Mog BT56 CL	210.2
	Switch Start MH Protected 1000W/640 EX39 BT56	
281188	CL	150.1
253724	Switch Start MH Std 1000W/635 E40/41 BT56 CL	150.1
130393	Pulse Start MH Pro 320W/640 EX39 ED37 CL	37.5
130401	Pulse Start MH Pro 320W/635 EX39 ED37 CO	37.5
360198	Pulse Start MH Std 1000W/635 Mog BT37 CL	210.2
130229	MasterColor CDM 150W/830 Med ED17 CL ALTO	15
130237	MasterColor CDM 150W/830 Med ED17 CO ALTO	15
	MasterColor CDM 150W/830 Med ED17P CL	
134635	ALTO+FB	14.2
	MasterColor CDM 150W/830 Med ED17P CO	
134643	ALTO+FB	14.2
377200	MasterColor CDM 150W/940 Med ED17 CL ALTO	11.4
377218	MasterColor CDM 150W/940 Med ED17 CO ALTO	11.4
	MasterColor CDM 150W/940 Med ED17P CL	
377242	ALTO+FB	11.4
	MasterColor CDM 150W/940 Med ED17P CO	
377267	ALTO+FB	11.4
365437	MasterColor CDM 100W/940 Mog ED28 CL	6.8
	Switch Start MH Protected 250W/640 EX39 ED28	
281246	CL	30.1
208843	MasterColor CDM 70W/830 Med ED17 CL ALTO	6.95
208876	MasterColor CDM 70W/830 Med ED17 CO ALTO	6.95
	MasterColor CDM 70W/830 Med ED17P CL	
233668	ALTO+FB	6.6
	MasterColor CDM 70W/830 Med ED17P CO	
233676	ALTO+FB	6.5
281295	MasterColor CDM 70W/940 Med ED17 CL ALTO	9.5
281337	MasterColor CDM 70W/940 Med ED17 CO ALTO	9.5
	MasterColor CDM 70W/940 Med ED17P CL	
360578	ALTO+FB	8.5
	MasterColor CDM 70W/940 Med ED17P CO	
360594	ALTO+FB	8.5
360206	MasterColor CDM 50W/830 Med ED17 CL ALTO	6.3
360222	MasterColor CDM 50W/830 Med ED17 CO ALTO	6.3
360230	MasterColor CDM 50W/940 Med ED17 CL ALTO	6.5
360248	MasterColor CDM 50W/940 Med ED17 CO ALTO	6.5
	MasterColor CDM 50W/830 Med ED17P CL	
368910	ALTO+FB	6.3
	MasterColor CDM 50W/940 Med ED17P CL	
368936	ALTO+FB	6.5
208884	MasterColor CDM 100W/830 Med ED17 CL ALTO	7.2
208892	MasterColor CDM 100W/830 Med ED17 CO ALTO	7.2
	MasterColor CDM 100W/830 Med ED17P CL	
233684	ALTO+FB	7.2
	MasterColor CDM 100W/830 Med ED17P CO	
234443	ALTO+FB	6.9

281352	MasterColor CDM 100W/940 Med ED17 CL ALTO	6.8
281360	MasterColor CDM 100W/940 Med ED17 CO ALTO	6.8
	MasterColor CDM 100W/940 Med ED17P CL	
360602	ALTO+FB	6.9
	MasterColor CDM 100W/940 Med ED17P CO	
360610	ALTO+FB	6.8
391011	Pulse Start MH Pro 350W/640 EX39 ED37 CL	39.5
391029	Pulse Start MH Pro 350W/635 EX39 ED37 CO	39.5
368837	Ceralux 1000W Mog E25 CL ALTO	44
128249	Ceralux 1000W Mogul E25 ALTO® 1SL	44
368811	Ceralux 400W Mog ED18 CL ALTO	31
368795	Ceralux 250W Mog ED18 CL ALTO	31.9
368779	Ceralux 200W Mog ED18 CL ALTO	31
368761	Ceralux 150W Mog ED28 CL ALTO	22.1
368746	Ceralux 150W Mog ED23 1/2 CL ALTO	17
368720	Ceralux 100W Mog ED23 1/2 CL ALTO	22.1
368696	Ceralux 70W Mog ED23 1/2 CL ALTO	17
368670	Ceralux 50W Mog ED23 1/2 CL ALTO	17.7
323865	Ceralux 1000W Mog ED37 CL	55.2
317107	Ceralux Agro 430W Mog ED18 CL	23.7
257477	Ceralux 400W Mog ED18 CL	31
257477	Ceralux 400W Mog ED18 CL	31
140987	Ceralux 400W Mog ED18 CL	31
322925	Ceralux Econ-o-watt 360W Mog ED18 CL	31
322917	Ceralux Econ-o-watt 225W Mog ED18 CL	32
306522	Ceralux Comfort 400W Mog ED18 CL	40.9
302455	Ceralux Comfort 250W Mog ED18 CL	40.9
306431	Ceralux Comfort 150W Mog ED23 1/2 CL	32.7
306472	Ceralux Comfort 150W Med BD17 CL	32.7
306373	Ceralux Comfort 100W Mog ED23 1/2 CL	32.7
306357	Ceralux Comfort 100W Med BD17 CL	32.7
257394	Ceralux 100W Mog ED23 1/2 CL	22.1
140953	Ceralux Instant Restrike 100W Mog ED23 1/2 CL	22.1
344465	Ceralux 100W Med BD17 CL	22
257360	Ceralux 100W Med BD17 CL	22
140939	Ceralux 100W Med BD17 CL	22
344481	Ceralux 100W Med BD17 CO	22.1
306175	Ceralux Comfort 70W Med BD17 CL	32.7
257329	Ceralux 70W Med BD17 CL	17
331926	Ceralux 70W Med BD17 CL	17
257329	Ceralux 70W Med BD17 CL	17
140913	Ceralux 70W Med BD17 CL	17
332148	Ceralux 70W Med BD17 CO	17
257295	Ceralux 35W Med BD17 CL	31.9
140889	Ceralux 35W Med BD17 CL	31.9
257337	Ceralux 70W Mog ED23 1/2 CL	17
140947	Ceralux 70W Mog ED23 1/2 CL	17
257311	Ceralux 50W Med B17 CL	17.7
140863	Ceralux 50W Med BD17 CL	17.7
204123	Ceralux Instant Restrike 1000W Mog E25 CL	88
376889	Ceralux Instant Restrike 400W Mog ED18 CL	61.9
377176	Ceralux Instant Restrike 250W Mog ED18 CL	63.8
265611	Ceralux Instant Restrike 150W Mog ED23 1/2 CL	34
265603	Ceralux Instant Restrike 100W Mog ED23 1/2 CL	44.4
265413	Ceralux Instant Restrike 70W Mog ED23 1/2 CL	34
354670	Ceralux Instant Restrike 50W Mog ED23 1/2 CL	35.4
257469	Ceralux 250W Mog ED18 CL	31.9
257469	Ceralux 250W Mog ED18 CL	31.9

140979	Ceramalux 250W Mog ED18 CL	31.9
257436	Ceramalux 150W Mog ED23 1/2 CL	17
140961	Ceramalux 150W Mog ED23 1/2 CL	17
303479	Ceramalux 150W Med BD17 CL	17
257410	Ceramalux 150W Med BD17 CL	17
140871	Ceramalux 150W Med BD17 CL	17
303487	Ceramalux 150W Med BD17 CO	17
338046	Ceramalux 35W Med BF55 CL	29.5
306324	Ceramalux 35W Med BF55 CL	29.5
338053	Ceramalux 35W Med BF55 CO	29.5
306332	Ceramalux 35W Med BF55 CO	29.5
145383	Ceramalux 35W Med BF55 CO 1SC	29.5
338061	Ceramalux 50W Med BF55 CL	16.3
303362	Ceramalux 50W Med BF55 CL	16.3
338079	Ceramalux 50W Med BF55 CO	17.7
303370	Ceramalux 50W Med BF55 CO	17.7
247254	Switch Start MH Std 175W/640 Mog ED28 CL	31.6
287334	Switch Start MH Std 175W/640 Mog ED28 CL	28
257592	Switch Start MH Std 175W/640 Mog ED28 CL	28
140855	Switch Start MH Std 175W/640 Mog ED28 CL	28
287284	Switch Start MH Std 175W/635 Mog ED28 CO	28
312876	Switch Start MH Std 175W/630 Mog ED28 CO	26.9
274845	Switch Start MH Std 250W/640 Mog ED28 CL	36
279141	Switch Start MH Std 250W/640 Mog ED28 CL	36
257667	Switch Start MH Std 250W/640 Mog ED28 CL	36
140822	Switch Start MH Std 250W/640 Mog ED28 CL	36
291690	Switch Start MH Std 250W/735 Mog ED28 CL	36
311373	Switch Start MH Std 250W/730 Mog ED28 CO	36
344150	Switch Start MH Std 400W/540 Mog ED37 CL	52
253658	Switch Start MH Std 400W/540 Mog ED37 CL	52
140921	Switch Start MH Std 400W/540 Mog ED37 CL	52
344168	Switch Start MH Std 400W/640 Mog ED37 CO	52
337931	Switch Start MH Std 400W/640 E40/41 ED37 CL	52
312850	Switch Start MH Std 400W/635 Mog ED37 CO	52
301705	Switch Start MH Std 400W/640 Mog ED37 CL	65
301721	Switch Start MH Std 400W/640 Mog ED37 CO	65
311357	Switch Start MH Std 400W/635 Mog ED37 CO	65
276626	Pulse Start MH Std 175W/635 Mog ED28 CL	30.6
276618	Pulse Start MH Std 250W/645 Mog ED28 CL	29.5
278168	Pulse Start MH Std 400W/640 Mog ED37 CL	67
283622	Pulse Start MH Std 400W/635 Mog ED37 CO	67
383810	Pulse Start MH Std 320W/640 Mog ED28 CL	37.5
383869	Pulse Start MH Std 320W/735 Mog ED28 CO	37.5
383877	Pulse Start MH Std 350W/640 Mog ED37 CL	39.5
383885	Pulse Start MH Std 350W/635 Mog ED37 CO	39.5
390658	Switch Start MH Std 360W/645 Mog ED37 CL	60
390666	Switch Start MH Std 360W/640 Mog ED37 CO	60
356618	Mercury Vapor 400W Mog R60 FR	66
301051	Mercury Vapor 175W Med R40 FR	26
135400	Pulse Start MH Std 750W/635 Mog BT37 CL	116
140640	Ceramalux Agro 1000W Mogul E25	44
346015	Switch Start MH Safety Lifeguard 400W/635 Mog ED37 CO	52
345983	Switch Start MH Safety Lifeguard 400W/640 Mog ED37 CL	52
144758	Pulse Start MH Std 400W/640 Mogul ED37 CL	67
381103	Decorative Twister 20W Med EL/DT 1BC	6
381111	Decorative Twister 23W Med EL/DT 1BC	7

128033	Decorative Twister 23W Med EL/DT 1BC	7
136143	Decorative Twister 23W Med EL/DT 1CT	7
287813	Outdoor 15W Med EL/O ALTO 1CT	2,64
371187	Outdoor 15W Med EL/O ALTO 1CT	2,64
371195	Outdoor 15W Med EL/O ALTO 1BC	2,64
371211	Outdoor 15W Med EL/O ALTO 1BC	2,64
137869	Outdoor 15W Med EL/O ALTO 1CT	2,64
287813	Outdoor 15W Med EL/O ALTO 1CT	2,64
371237	Outdoor 18W Med EL/O ALTO 1CT	2,64
135780	Outdoor 18W Med EL/O ALTO 1CT	2,64
371525	Outdoor 18W Med EL/O ALTO 1BC	2,64
371344	Outdoor 18W Med EL/O ALTO 1BC	2,64
371484	Outdoor 15W Med EL/O Bug-A-Way 1CT	2,64
371492	Outdoor 15W Med EL/O Bug-A-Way 1BC	2,64
371559	Outdoor 15W Med EL/O Bug-A-Way 1BC	2,64
220038	Universals 14W Med SLS ALTO 1CT	2,64
371047	Universals 15W Med SLS ALTO 1CT	2,64
371054	Universals 15W Med SLS ALTO 1BC	2,64
371054	Universals 15W Med SLS ALTO 1BC	2,64
371070	Universals 15W Med SLS 1BC	2,64
373357	Universals 15W Med SLS ALTO 1BC	2,64
373381	Universals 15W Med SLS ALTO 1BC	2,64
130757	Universals 15W Med SLS ALTO 1CT	2,64
220087	Universals 20W Med SLS ALTO 1CT	2,64
371088	Universals 20W Med SLS ALTO 1CT	2,64
371096	Universals 20W Med SLS ALTO 1BC	2,64
373365	Universals 20W Med SLS ALTO 1BC	2,64
373399	Universals 20W Med SLS ALTO 1BC	2,64
371112	Universals 20W Med SLS ALTO 1BC	2,64
130773	Universals 20W Med SLS ALTO 1CT	2,64
371146	Universals 25W Med SLS ALTO 1CT	2,64
371153	Universals 25W Med SLS ALTO 1BC	2,64
135749	Universals 25W Med SLS ALTO 1CT	2,64
371153	Universals 25W Med SLS ALTO 1BC	2,64
373373	Universals 25W Med SLS ALTO 1BC	2,64
373407	Universals 25W Med SLS ALTO 1BC	2,64
371179	Universals 25W Med SLS ALTO 1BC	2,64
220350	15W Med SLS/R30 1CT	2,64
372466	15W Med SLS/R30 1CT	2,64
227884	20W Med SLS/R30 1CT	2,64
372482	20W Med SLS/R30 1CT	2,64
220376	15W Med SLS/R40 1CT	2,64
372565	15W Med SLS/R40 1CT	2,64
372623	20W Med SLS/R40 1CT	2,64
372169	18-34W 3 C Med EL/TW 1CT	4,75
372193	18-34W 3 C Med EL/TW 1BC	4,75
372193	18-34W 3 C Med EL/TW 1BC	4,75
372235	18-34W 3 C Med EL/TW 1BC	4,75
372342	18-34W 3 C Med EL/TW 1BC	4,75
370825	Table 34W Med EL/T 1CT	4,75
370841	Table 34W Med EL/T 1BC	4,75
370841	Table 34W Med EL/T 1BC	4,75
370866	Table 34W Med EL/T 1BC	4,75
139527	Outdoor 15W Med EL/O ALTO 1BC	2,64
139741	20W Med PAR38 ALTO 1BC	1,23
137232	20W Med PAR38 ALTO 1BC	1,23
139436	20W Med PAR38 ALTO 1CT	1,23
139402	12W Med R20 ALTO 1BC	2,64

139428	12W Med R20 ALTO 1CT	2,64
164459	12W Med R20 ALTO 1BC	2,64
139758	20W Med BR40 ALTO 1BC	1,23
	20W Med BR40 ALTO 1BC	1,23
139410	20W Med BR40 ALTO 1CT	1,23
139733	A-Shape 16W Med EL/SWP ALTO 1CT	1,23
137059	A-Shape 16W Med EL/SWP ALTO 1BC	1,23
140665	A-Shape 16W Med EL/SWP ALTO 1CT	1,23
144139	12W Med EL/A G25 ALTO 1BC	2,64
140251	A-Shape 16W Med EL/SWP ALTO 1BC	1,23
	16W Med EL/A G30 ALTO 1CT	1,23
145151	20W Med EL/A G40 ALTO 1CT	1,23
	A-Shape 20W Med EL/SWP ALTO 1CT	1,23
130724	12W Med EL/A G25 1BC	3,96
127984	12W Med EL/A G25 1BC	3,96
130732	16W Med BR30 1BC	1,23
139394	16W Med BR30 1CT	1,23
144121	16W Med BR30 1BC	1,23
128090	16W Med BR30 1BC	1,23
130708	A-Shape 16W Med EL/A mH 1BC	1,23
128082	A-Shape 16W Med EL/A mH 1BC	1,23
	12W Med EL/A ALTO 1CT	2,64
139543	9W Cand EL/A MCAN ALTO 1CT	2,64

COMPACT FLUORESCENT INTEGRATED

146910	SLS 14	2.64 mg
130773	SLS 20	2.64 mg
135749	SLS 25	2.64 mg
137869	EL/O 15	2.64 mg
135780	EL/O 18	2.64 mg
	EL/O 15 BAW	2.64 mg
137042	EL/SWP 12	2.64 mg
140665	EL/SWP 16	1.23 mg
144139	EL/A1 G25 12	2.64 mg
140459	EL/A Can 12	2.64 mg
139428	EL/A R20 12	2.64 mg
139394	EL/A1 R30 16	1.23 mg
145144	EL/A1 G30 16	1.23 mg
139410	EL/A R40 20	1.23 mg
139436	EL/A PAR38 20	1.23 mg
145151	EL/A1 G40 20	1.23 mg
139543	EL/A mCan 9	2.64 mg
140426	EL/TW 34/26/18W	4.75 mg
200816	EL/ES Dim 16W	1.23 mg
150417	EL/A R30 Dim 16W	1.23 mg
150425	EL/A R40 Dim 20W	1.23 mg
150433	EL/A PAR38 Dim 20W	1.23 mg

	Lamp Model	Hg Content/mg
147926	New Twister 5W	4mg
147934	New Twister 9W	4mg

138040	New Twister 11W	4mg
156380	Super mini Twister 13W	4mg
156975	Super mini Twister 23W	5mg
147868	Twister 13W - 4100K	4mg
147876	Twister 13W - 5,000K	4mg
135814	New Twister 15W	4.5mg
138057	New Twister 20W	6mg
137158	New Twister 27W	6mg
147884	Twister 27W - 4100K	6mg
147892	Twister 27W - 5,000K	6mg
139485	New Twister 42W	8mg
139360	Quickfix 22W	4mg
139386	Quickfix 28W	4mg

ANNEX II

							Any Lead Content				
Invoice No.	Item Description	Department	Qty	Unit Price Per Contract	Extend Price	Lamp Type	Lamp Life	Mg of Mercury	Solder	Glass Envelope	"Excluded?"
03-13936	GE# 12538 - % * F96T8/SP41/HO 24PK	AIRPORT COMMISSION	240	5,58	1.339,20	T8 Fluorescent	18.000	>50 to 100 mg	Yes	Yes	Yes
03-13961	GE# 18333 - % * F40XL/SPX41 30PK	AIRPORT COMMISSION	90	5,06	455,40	T12 Fluorescent	24.000	1-10 mg	No	No	Yes
03-14056	GE# 17517 - 100A 277V 60PK	AIRPORT COMMISSION	60	1,06	63,60	Incandescent	750	0 mg	Yes	Yes	No
03-14091	GE# 18333 - % * F40XL/SPX41 30PK	AIRPORT COMMISSION	210	5,06	1.062,60	T12 Fluorescent	24.000	1-10 mg	No	No	Yes
03-14288	GE# 22489 - Q100T3/CL/ CD 120V 120PK	AIRPORT COMMISSION	35	2,35	82,25	Quartz	1.500	0 mg	Yes	Yes	No
03-14301	GE# 17517 - 100A 277V 277PK	AIRPORT COMMISSION	120	1,06	127,20	Incandescent	750	0 mg	Yes	Yes	No
03-14420	GE# 17325 - 69A21/TS 130V 130PK	AIRPORT COMMISSION	240	0,72	172,80	Incandescent	8.000	0 mg	Yes	Yes	No
03-14447	GE# 46760 - % * F54W/T5/835/ECO 40PK	AIRPORT COMMISSION	80	4,17	333,60	T5 Fluorescent	30.000	1-10 mg	Yes	Yes	Yes
					AIRPORT COMMISSION Total						
					3.636,65						
03-14373	GE# 80047 - * F20T12/D/ECO 24PK	AIRPORT MUSEUM	21	1,23	25,83	T12 Fluorescent	9.000	4,9	No	No	No
03-14385	GE# 80047 - * F20T12/D/ECO 24PK	AIRPORT MUSEUM	9	1,23	11,07	T12 Fluorescent	9.000	4,9	No	No	No
					AIRPORT MUSEUM Total						
					36,90						
03-14320	GE# 19264 - LU70/SBY/XL 12PK	BUREAU OF LIGHT, HEAT, P/M	36	27,39	986,04	HID	40.000	11-30 mg	Yes	Yes	No
03-14320	GE# 19270 - LU250/SBY/XL 12PK	BUREAU OF LIGHT, HEAT, P/M	60	31,23	1.873,80	HID	40.000	>10 - 50 mg	Yes	Yes	No
03-14320	GE# 23431 - LU200/SBY/XL 12PK	BUREAU OF LIGHT, HEAT, P/M	48	34,23	1.643,04	HID	40.000	>10 - 50 mg	Yes	Yes	No
03-14320	GE# 26317 - % * MVR250/VBU/PA 12PK	BUREAU OF LIGHT, HEAT, P/M	36	21,29	766,44	HID	15.000	>10 - 50 mg	Yes	Yes	Yes
03-14386	GE# 19264 - LU70/SBY/XL 12PK	BUREAU OF LIGHT, HEAT, P/M	84	27,39	2.300,76	HID	40.000	11-30 mg	Yes	Yes	No
03-14386	GE# 19265 - LU100/SBY/XL 12PK	BUREAU OF LIGHT, HEAT, P/M	120	28,68	3.441,60	HID	40.000	31-65 mg	Yes	Yes	No
03-14386	GE# 19266 - LU150/55/SBY/XL 12PK	BUREAU OF LIGHT, HEAT, P/M	36	29,39	1.058,04	HID	40.000	31-65 mg	Yes	Yes	No
03-14386	GE# 26317 - % * MVR250/VBU/PA	BUREAU OF LIGHT, HEAT,	192	21,29	4.087,68	HID	15.000	>10 - 50 mg	Yes	Yes	Yes

03-14404	12PK GE# 26317 - % * MVR250/VBU/PA 12PK	P/M BUREAU OF LIGHT, HEAT, P/M	12	21,29	255,48	HID	15.000	>10 - 50 mg	Yes	Yes	Yes
03-14434	GE# 19266 - LU150/55/SBY/XL 12PK	BUREAU OF LIGHT, HEAT, P/M	84	29,39	2.468,76	HID	40.000	31-65 mg	Yes	Yes	No
03-14434	GE# 23431 - LU200/SBY/XL 12PK	BUREAU OF LIGHT, HEAT, P/M	188	34,23	6.435,24	HID	40.000	>10 - 50 mg	Yes	Yes	No
BUREAU OF LIGHT, HEAT, P/M Total					25.316,88						
03-13972	GE# 23010 - * F34CW/RS/WM/ECO 30PK	CENTRAL SHOP	60	0,73	43,80	T12 Fluorescent	20.000	1-10 mg	Yes	Yes	No
03-14342	GE# 41826 - MVR1000/U 6PK	CENTRAL SHOP	2	23,59	47,18	HID	15,000V 11,000H	100-200 mg	Yes	Yes	No
03-14423	GE# 47326 - MVR1500/U/SPORTS 6PK	CENTRAL SHOP	5	36,32	181,60	HID	3.000	>100 mg to 1000 mg	Yes	Yes	No
03-14465	GE# 47326 - MVR1500/U/SPORTS 6PK	CENTRAL SHOP	1	36,32	36,32	HID	3.000	>100 mg to 1000 mg	Yes	Yes	No
CENTRAL SHOP Total					308,90						
03-14201	GE# 10036 - % * 60BTT/CL/CD 120V 120PK	CITY HALL	300	1,98	594,00	Incandescent	3.000	0 mg	Yes*	No	Yes
CITY HALL Total					594,00						
03-14452	GE# 16953 - % * F40/30BX/SPX30 40PK	CIVIC CENTER COURTHOUSE	120	5,04	604,80	CFL	12.000	1-10 mg	Yes	Yes	Yes
03-14452	GE# 16954 - % * F40/30BX/SPX41 40PK	CIVIC CENTER COURTHOUSE	120	5,04	604,80	CFL	12.000	1-10 mg	Yes	Yes	Yes
03-14452	GE# 26668 - % * F32T8/SP41/ECO 36PK	CIVIC CENTER COURTHOUSE	144	1,43	205,92	T8 Fluorescent	20.000	1-10 mg	Yes	Yes	Yes
CIVIC CENTER COURTHOUSE Total					1.415,52						
03-14007	GE# 10086 - F13T5/CW 24PK	COMMUNITY MENTAL HEALTH	15	1,36	20,40	T5 Fluorescent	5.000	11- 30 mg	No	No	No
03-14007	GE# 26667 - % * F32T8/SP35/ECO 36PK	COMMUNITY MENTAL HEALTH	180	1,43	257,40	T8 Fluorescent	20.000	1-10 mg	Yes	Yes	Yes
03-14094	GE# 10086 - F13T5/CW 24PK	COMMUNITY MENTAL HEALTH	33	1,36	44,88	T5 Fluorescent	5.000	11- 30 mg	No	No	No
COMMUNITY MENTAL HEALTH Total					322,68						
03-13945	GE# 27618 - % * F32T8/XL/SP41/ECO 36PK	FIRE DEPT	360	2,22	799,20	T8 Fluorescent	24.000	1-10 mg	Yes	Yes	Yes
03-13979	GE# 13729 - F96T12/CW/WM 15PK	FIRE DEPT	15	1,44	21,60	T12	12.000	11-30 mg	No	No	No

03-14026	GE# 33774 - FC8T9/CW 12PK	FIRE DEPT	12	1,50	18,00	Fluorescent Circline Fluor.	12.000	>10 - 50 mg	Yes	Yes	No
03-14080	GE# 27618 - % * F32T8/XL/SP41/ECO 36PK	FIRE DEPT	180	2,22	399,60	T8 Fluorescent	24.000	1-10 mg	Yes	Yes	Yes
03-14114	GE# 27618 - % * F32T8/XL/SP41/ECO 36PK	FIRE DEPT	180	2,22	399,60	T8 Fluorescent	24.000	1-10 mg	Yes	Yes	Yes
03-14379	GE# 23010 - * F34CW/RS/WM/ECO 30PK	FIRE DEPT	60	0,73	43,80	T12 Fluorescent	20.000	1-10 mg	Yes	Yes	No
03-14435	GE# 97610 - % * F26DBX/827/ECO4P 50PK	FIRE DEPT	10	6,37	63,70	CFL	12.000	4	No	No	Yes
					FIRE DEPT Total						
					1.745,50						
03-14000	GE# 10032 - F6T5/CW 24PK	GENERAL HOSPITAL	47	1,21	56,87	T5 Fluorescent	5.000	1-10 mg	No	No	No
03-14000	GE# 10086 - F13T5/CW 24PK	GENERAL HOSPITAL	72	1,36	97,92	T5 Fluorescent	5.000	11- 30 mg	No	No	No
03-14000	GE# 11779 - 7C7 120V 240PK	GENERAL HOSPITAL	480	0,21	100,80	Incandescent	3.000	0 mg	No	No	No
03-14000	GE# 13743 - F72T12/CW 15PK	GENERAL HOSPITAL	15	1,99	29,85	T12 Fluorescent	12.000	31-65 mg	No	No	No
03-14000	GE# 15484 - F17T8XL/SPX41ECO 24PK	GENERAL HOSPITAL	288	2,12	610,56	T8 Fluorescent	24.000	1-10 mg	Yes	Yes	No
03-14000	GE# 48523 - % * F32T8/XL/SP41/WM/ECO 36PK	GENERAL HOSPITAL	648	3,34	2.164,32	T8 Fluorescent	24.000	1-10 mg	Yes	Yes	Yes
03-14000	GE# 48526 - % * F96T8/XL/SP41/WM 24PK	GENERAL HOSPITAL	48	5,15	247,20	T8 Fluorescent	18.000	31-65 mg	No	No	Yes
03-14055	GE# 14414 - 60A/CVG 120V 24PK	GENERAL HOSPITAL	72	0,85	61,20	Incandescent	1.000	0	No	No	No
03-14152	GE# 10004 - F4T5/CW 24PK	GENERAL HOSPITAL	144	1,34	192,96	T5 Fluorescent	5.000	1-10 mg	Yes	Yes	No
03-14352	GE# 34663 - Q100T3/24V/CL 24V 24PK	GENERAL HOSPITAL	24	2,05	49,20	Quartz	2.000	0	No	No	No
03-14352	GE# 34702 - Q50T3/12V/CL 12V 12PK	GENERAL HOSPITAL	15	1,34	20,10	Quartz	2.000	0 mg	No	No	No
03-14352	GE# 43828 - MVR400/U 6PK	GENERAL HOSPITAL	6	9,76	58,56	HID	20,000V 15,000H	31-65 mg	Yes	Yes	No
03-14352	GE# 97551 - F5BX/827/ECO 10PK	GENERAL HOSPITAL	100	1,42	142,00	CFL	10.000	1-5 mg	No	No	No
03-14352	GE# 97636 - % * F42TBX/841/A/ECO 10PK	GENERAL HOSPITAL	20	7,76	155,20	CFL	12.000	1-5 mg	No	No	Yes
03-14358	GE# 10032 - F6T5/CW 24PK	GENERAL HOSPITAL	25	1,21	30,25	T5 Fluorescent	5.000	1-10 mg	No	No	No
03-14358	GE# 13697 - F72T12/CW/HO 15PK	GENERAL HOSPITAL	15	2,03	30,45	T12 Fluorescent	12.000	50-100	No	No	No
03-14358	GE# 13716 - * F96T12/CW/HO/WM 15PK	GENERAL HOSPITAL	30	1,82	54,60	T12 Fluorescent	12.000	66-100 mg	No	No	No
03-14358	GE# 13729 - F96T12/CW/WM 15PK	GENERAL HOSPITAL	30	1,44	43,20	T12	12.000	11-30 mg	No	No	No

03-14358	GE# 48523 - % * F32T8/XL/SP41/WM/ECO 36PK	GENERAL HOSPITAL	72	3,34	240,48	Fluorescent T8					
						Fluorescent	24.000	1-10 mg	Yes	Yes	Yes
03-14421	GE# 34702 - Q50T3/12V/CL 12V 12PK	GENERAL HOSPITAL	9	1,34	12,06	Quartz	2.000	0 mg	No	No	No
03-14421	GE# 37846 - F7BX/SPX27/827 100PK	GENERAL HOSPITAL	80	1,14	91,20	CFL	10.000	1-5 mg	No	No	No
03-14421	GE# 48523 - % * F32T8/XL/SP41/WM/ECO 36PK	GENERAL HOSPITAL	720	3,34	2.404,80	T8 Fluorescent	24.000	1-10 mg	Yes	Yes	Yes
03-14421	GE# 97577 - % * F18DBX/827/ECO 50PK	GENERAL HOSPITAL	50	5,78	289,00	CFL	10.000	1-10 mg	Yes	Yes	Yes
03-14421	GE# 97592 - % * F13DBX/835/ECO 50PK	GENERAL HOSPITAL	80	4,63	370,40	CFL	10.000	1-10 mg	Yes	Yes	Yes
		GENERAL HOSPITAL Total			7.553,18						
03-13998	GE# 42064 - % * F32T8/SPX50/ECO 36PK	HALL OF JUSTICE	180	2,57	462,60	T8 Fluorescent	20.000	1-10 mg	Yes	Yes	Yes
03-14041	GE# 97597 - % * F13DBX/841/ECO4P 50PK	HALL OF JUSTICE	20	4,78	95,60	CFL	12.000	1-10 mg	Yes	Yes	Yes
03-14194	GE# 45065 - * F34WW/RS/WM/ECO 30PK	HALL OF JUSTICE	30	0,83	24,90	T12 Fluorescent	20.000	1-10 mg	Yes	Yes	No
03-14220	GE# 45065 - * F34WW/RS/WM/ECO 30PK	HALL OF JUSTICE	570	0,83	473,10	T12 Fluorescent	20.000	1-10 mg	Yes	Yes	No
		HALL OF JUSTICE Total			1.056,20						
03-14169	GE# 43828 - MVR400/U 6PK	HUMAN SERVICES	30	9,76	292,80	HIID	20,000V 15,000H	31-65 mg	Yes	Yes	No
03-14169	GE# 46855 - 65R30/FL 130V	HUMAN SERVICES	60	1,55	93,00	Incandescent	2.000	0 mg	No	No	No
03-14387	GE# 26668 - % * F32T8/SP41/ECO 36PK	HUMAN SERVICES	72	1,43	102,96	T8 Fluorescent	20.000	1-10 mg	Yes	Yes	Yes
		HUMAN SERVICES Total			488,76						
03-14040	GE# 21389 - % * 75PAR/H/FL25° 130V 130PK	MILLBRAE WATER DEPT	12	3,66	43,92	Incandescent	2.500	0 mg	Yes	Yes	Yes
03-14040	GE# 42729 - MVR250/U 12PK	MILLBRAE WATER DEPT	12	10,29	123,48	HIID	6,000H 10,000V	>10 - 50 mg	Yes	Yes	No
03-14040	GE# 43828 - MVR400/U 6PK	MILLBRAE WATER DEPT	18	9,76	175,68	HIID	20,000V 15,000H	31-65 mg	Yes	Yes	No
03-14040	GE# 47760 - MVR175/U 12PK	MILLBRAE WATER DEPT	24	9,10	218,40	HIID	10,000V 6,000H	11-30 mg	Yes	Yes	No
03-14328	GE# 20838 - 300PAR56/MFL 130V 130PK	MILLBRAE WATER DEPT	12	9,92	119,04	Incandescent	2.000	0 mg	Yes	Yes	No

03-14353	GE# 18902 - MVR175/U/MED 6PK	MILLBRAE WATER DEPT	6	10,93	65,58	HID	10,000V 6,000H	11-30 mg	Yes	Yes	No
03-14425	GE# 12590 - MVR70/U/MED 6PK	MILLBRAE WATER DEPT	6	11,03	66,18	HID	18.000	>50 to 100 mg	Yes	Yes	No
03-14474	GE# 26668 - % * F32T8/SP41/ECO 36PK	MILLBRAE WATER DEPT	36	1,43	51,48	T8 Fluorescent	20.000	1-10 mg	Yes	Yes	Yes
03-14474	GE# 43828 - MVR400/U 6PK	MILLBRAE WATER DEPT	6	9,76	58,56	HID	20,000V 15,000H	31-65 mg	Yes	Yes	No
					MILLBRAE WATER DEPT Total		922,32				
03-13927	GE# 23010 - * F34CW/RS/WM/ECO 30PK	MONSTER PARK	120	0,73	87,60	T12 Fluorescent	20.000	1-10 mg	Yes	Yes	No
03-14120	GE# 27621 - % * F32T8/XL/SPX41/ECO 36PK	MONSTER PARK	180	3,27	588,60	T8 Fluorescent	24.000	1-10 mg	Yes	Yes	Yes
03-14144	GE# 80084 - * F30T12/CW/RS/ECO 24PK	MONSTER PARK	60	1,29	77,40	T12 Fluorescent	18.000	4,9	No	No	No
03-14290	GE# 13729 - F96T12/CW/WM 15PK	MONSTER PARK	30	1,44	43,20	T12 Fluorescent	12.000	11-30 mg	No	No	No
					MONSTER PARK Total		796,80				
03-14299	GE# 30037 - F13DBX/835/4P 10PK	PORT COMMISSION	40	4,78	191,20	CFL	12.000	1-5 mg	No	No	No
03-14299	GE# 42068 - % * CMH39/U/PAR20/FL25° 15PK	PORT COMMISSION	15	28,44	426,60	HID	10.000	1-10 mg	Yes	Yes	Yes
03-14299	GE# 97579 - % * F18DBX/835/ECO 50PK	PORT COMMISSION	40	5,78	231,20	CFL	10.000	1-10 mg	Yes	Yes	Yes
03-14299	GE# 97600 - % * F18DBX/835/ECO4P 50PK	PORT COMMISSION	40	6,18	247,20	CFL	10.000	1-10 mg	Yes	Yes	Yes
03-14346	GE# 27186 - * F96T12/CW/WM/ECO 15PK	PORT COMMISSION	90	1,60	144,00	T12 Fluorescent	12.000	11-30 mg	No	No	No
					PORT COMMISSION Total		1.240,20				
03-13933	GE# 26667 - % * F32T8/SP35/ECO 36PK	PUBLIC HEALTH	36	1,43	51,48	T8 Fluorescent	20.000	1-10 mg	Yes	Yes	Yes
03-13933	GE# 41777 - % * F31T8/SPX35/U 15PK	PUBLIC HEALTH	15	4,38	65,70	U-Tube Fluor.	20.000	1-10 mg	No	No	Yes
03-13941	GE# 26667 - % * F32T8/SP35/ECO 36PK	PUBLIC HEALTH	108	1,43	154,44	T8 Fluorescent	20.000	1-10 mg	Yes	Yes	Yes
03-14077	GE# 41777 - % * F31T8/SPX35/U 15PK	PUBLIC HEALTH	15	4,38	65,70	U-Tube Fluor.	20.000	1-10 mg	No	No	Yes
					PUBLIC HEALTH Total		337,32				
03-13911	GE# 10483 - % * F32T8/SPX30/U/6 12PK	PUBLIC LIBRARY	100	5,87	587,00	U-Tube Fluor.	20.000	>10 - 50 mg	Yes	Yes	Yes

03-13911	GE# 97577 - % * F18DBX/827/ECO 50PK	PUBLIC LIBRARY	90	5,78	520,20	CFL	10.000	1-10 mg	Yes	Yes	Yes
03-13919	GE# 20153 - % * CMH39TUVCU830G12 12PK	PUBLIC LIBRARY	8	27,19	217,52	HID	10.000	1-10 mg	Yes	Yes	Yes
03-13937	GE# 97610 - % * F26DBX/827/ECO4P 50PK	PUBLIC LIBRARY	10	6,37	63,70	CFL	12.000	4	No	No	Yes
03-13984	GE# 10829 - F72T8/CW 24PK	PUBLIC LIBRARY	48	3,53	169,44	T8 Fluorescent	7.500	90	No	No	No
03-13985	GE# 46699 - % * F24W/T5/830/ECO 40PK	PUBLIC LIBRARY	40	3,97	158,80	T5 Fluorescent	20.000	1-10 mg	No	No	Yes
03-13985	GE# 46705 - % * F28W/T5/835/ECO 40PK	PUBLIC LIBRARY	36	2,64	95,04	T5 Fluorescent	30.000	5	No	No	Yes
03-13986	GE# 97588 - % * F13DBX23/835/ECO 50PK	PUBLIC LIBRARY	78	4,04	315,12	CFL	10.000	1-10 mg	Yes	Yes	Yes
03-13986	GE# 97611 - % * F26DBX/830/ECO4P 50PK	PUBLIC LIBRARY	10	6,37	63,70	CFL	12.000	4	No	No	Yes
03-14067	GE# 97632 - % * F32TBX/841/A/ECO 10PK	PUBLIC LIBRARY	10	6,81	68,10	CFL	12.000	4	No	No	Yes
03-14093	GE# 16611 - % * LU70/DX/MED 6PK	PUBLIC LIBRARY	12	16,88	202,56	HID	10.000	22	Yes	Yes	Yes
03-14093	GE# 46705 - % * F28W/T5/835/ECO 40PK	PUBLIC LIBRARY	44	2,64	116,16	T5 Fluorescent	30.000	5	No	No	Yes
03-14096	GE# 10059 - F8T5/CW 24PK	PUBLIC LIBRARY	360	1,09	392,40	T5 Fluorescent	5.000	1-10 mg	No	No	No
03-14096	GE# 97586 - % * F13DBX23/827/ECO 50PK	PUBLIC LIBRARY	150	3,25	487,50	CFL	10.000	1-5 mg	No	No	Yes
03-14096	GE# 97598 - % * F18DBX/827/ECO4P 50PK	PUBLIC LIBRARY	150	6,18	927,00	CFL	12.000	4	No	No	Yes
03-14096	GE# 97611 - % * F26DBX/830/ECO4P 50PK	PUBLIC LIBRARY	90	6,37	573,30	CFL	12.000	4	No	No	Yes
03-14104	GE# 16538 - % * F39/36BX/SPX30 40PK	PUBLIC LIBRARY	400	4,95	1.980,00	CFL	12.000	1-10 mg	Yes	Yes	Yes
03-14107	GE# 16611 - % * LU70/DX/MED 6PK	PUBLIC LIBRARY	12	16,88	202,56	HID	10.000	22	Yes	Yes	Yes
03-14107	GE# 46699 - % * F24W/T5/830/ECO 40PK	PUBLIC LIBRARY	39	3,97	154,83	T5 Fluorescent	20.000	1-10 mg	No	No	Yes
03-14107	GE# 46705 - % * F28W/T5/835/ECO 40PK	PUBLIC LIBRARY	80	2,64	211,20	T5 Fluorescent	30.000	5	No	No	Yes
03-14124	GE# 46759 - % * F54W/T5/830/ECO 40PK	PUBLIC LIBRARY	40	4,17	166,80	T5 Fluorescent	30.000	1-10 mg	Yes	Yes	Yes
03-14124	GE# 46760 - % * F54W/T5/835/ECO 40PK	PUBLIC LIBRARY	33	4,17	137,61	T5 Fluorescent	30.000	1-10 mg	Yes	Yes	Yes
03-14124	GE# 46761 - % * F54W/T5/841/ECO	PUBLIC LIBRARY	40	4,17	166,80	T5	30.000	1-10 mg	Yes	Yes	Yes

	40PK					Fluorescent					
03-14218	GE# 46746 - % * F39W/T5/841/ECO 40PK	PUBLIC LIBRARY	40	4,28	171,20	T5 Fluorescent	30.000	5	No	No	Yes
03-14258	GE# 46744 - % * F39W/T5/830/ECO 40PK	PUBLIC LIBRARY	40	4,28	171,20	T5 Fluorescent	30.000	5	No	No	Yes
03-14258	GE# 46745 - % * F39W/T5/835/ECO 40PK	PUBLIC LIBRARY	34	4,28	145,52	T5 Fluorescent	30.000	5	No	No	Yes
03-14258	GE# 46760 - % * F54W/T5/835/ECO 40PK	PUBLIC LIBRARY	7	4,17	29,19	T5 Fluorescent	30.000	1-10 mg	Yes	Yes	Yes
03-14319	GE# 97588 - % * F13DBX23/835/ECO 50PK	PUBLIC LIBRARY	22	4,04	88,88	CFL	10.000	1-10 mg	Yes	Yes	Yes
03-14367	GE# 46745 - % * F39W/T5/835/ECO 40PK	PUBLIC LIBRARY	6	4,28	25,68	T5 Fluorescent	30.000	5	No	No	Yes
		PUBLIC LIBRARY Total			8.609,01						
03-13890	GE# 23731 - Q500T3/CL-FCL 120V	PUBLIC TRANSPORTATION	8	2,21	17,68	Quartz	2.000	0 mg	No	No	No
03-14115	GE# 97612 - % * F26DBX/835/ECO4P 50PK	PUBLIC TRANSPORTATION	100	6,37	637,00	CFL	12.000	4	No	No	Yes
03-14116	GE# 10748 - F48T12/CW 24PK	PUBLIC TRANSPORTATION	168	1,73	290,64	T12 Fluorescent	9.000	31-65 mg	No	No	No
03-14119	GE# 13743 - F72T12/CW 15PK	PUBLIC TRANSPORTATION	105	1,99	208,95	T12 Fluorescent	12.000	31-65 mg	No	No	No
03-14119	GE# 23073 - F60T12/CW 15PK	PUBLIC TRANSPORTATION	75	2,47	185,25	T12 Fluorescent	12.000	31-65 mg	No	No	No
03-14150	GE# 14551 - % * F32T8/SXL/SP41/CVG 36PK	PUBLIC TRANSPORTATION	180	6,58	1.184,40	T8 Fluorescent	30.000	3,9	No	No	Yes
03-14164	GE# 10086 - F13T5/CW 24PK	PUBLIC TRANSPORTATION	96	1,36	130,56	T5 Fluorescent	5.000	11- 30 mg	No	No	No
03-14164	GE# 15265 - F40SP41/U/6 12PK	PUBLIC TRANSPORTATION	120	4,51	541,20	U-Tube Fluor.	14.000	31-65 mg	No	No	No
03-14164	GE# 19643 - F15T8/SP41 24PK	PUBLIC TRANSPORTATION	24	1,44	34,56	T8 Fluorescent	7.500	1-10 mg	Yes	Yes	No
03-14164	GE# 23731 - Q500T3/CL-FCL 120V 120PK	PUBLIC TRANSPORTATION	24	2,21	53,04	Quartz	2.000	0 mg	No	No	No
03-14164	GE# 45749 - % * F17T8/SPX41/ECO 24PK	PUBLIC TRANSPORTATION	144	3,16	455,04	T8 Fluorescent	20.000	6	No	No	Yes
03-14164	GE# 46273 - % * MPR400/VBU/XHOPA 6PK	PUBLIC TRANSPORTATION	60	28,54	1.712,40	HID	20.000	42	Yes	Yes	Yes
03-14164	GE# 97554 - F7BX/827/ECO 10PK	PUBLIC TRANSPORTATION	30	1,14	34,20	CFL	10.000	4	No	No	No
03-14167	GE# 10748 - F48T12/CW 24PK	PUBLIC TRANSPORTATION	312	1,73	539,76	T12 Fluorescent	9.000	31-65 mg	No	No	No

03-14191	GE# 12623 - 60A/52WM 130V 130PK	PUBLIC TRANSPORTATION	60	0,22	13,20	Incandescent	1.000	0 mg	Yes	Yes	No
03-14214	GE# 13743 - F72T12/CW 15PK	PUBLIC TRANSPORTATION	495	1,99	985,05	T12 Fluorescent	12.000	31-65 mg	No	No	No
03-14361	GE# 19643 - F15T8/SP41 24PK	PUBLIC TRANSPORTATION	24	1,44	34,56	T8 Fluorescent	7.500	1-10 mg	Yes	Yes	No
03-14388	GE# 13474 - 100PAR/G/85WM 120V 120PK	PUBLIC TRANSPORTATION	60	2,79	167,40	Incandescent	2.000	0 mg	Yes	Yes	No
03-14388	GE# 13716 - * F96T12/CW/HO/WM 15PK	PUBLIC TRANSPORTATION	120	1,82	218,40	T12 Fluorescent	12.000	66-100 mg	No	No	No
03-14388	GE# 26668 - % * F32T8/SP41/ECO 36PK	PUBLIC TRANSPORTATION	360	1,43	514,80	T8 Fluorescent	20.000	1-10 mg	Yes	Yes	Yes
03-14388	GE# 44054 - LU400 12PK	PUBLIC TRANSPORTATION	48	12,46	598,08	HID	24.000	11-30 mg	Yes	Yes	No
03-14392	GE# 12623 - 60A/52WM 130V 24PK	PUBLIC TRANSPORTATION	48	0,22	10,56	Incandescent	1.000	0 mg	Yes	Yes	No
03-14392	GE# 97849 - 60A/52WM 130V 130PK	PUBLIC TRANSPORTATION	12	0,22	2,64	Incandescent	1.000	0 mg	Yes	Yes	No
03-14403	GE# 44054 - LU400 12PK	PUBLIC TRANSPORTATION	12	12,46	149,52	HID	24.000	11-30 mg	Yes	Yes	No
					8.718,89						
					PUBLIC TRANSPORTATION Total						
03-13868	GE# 18333 - % * F40XL/SPX41 30PK	PUBLIC WORKS	30	5,06	151,80	T12 Fluorescent	24.000	1-10 mg	No	No	Yes
03-13877	GE# 10322 - % * F32T8/XL/SPX41/HL/ECO 36PK	PUBLIC WORKS	36	4,00	144,00	T8 Fluorescent	24.000	1-10 mg	No	No	Yes
03-13931	GE# 23010 - * F34CW/RS/WM/ECO 30PK	PUBLIC WORKS	60	0,73	43,80	T12 Fluorescent	20.000	1-10 mg	Yes	Yes	No
03-13935	GE# 18680 - MXR100/U/MED 6PK	PUBLIC WORKS	1	11,03	11,03	HID	15.000	1-10 mg	Yes	Yes	No
03-13935	GE# 19976 - MVR175/C/U/MED 6PK	PUBLIC WORKS	2	12,85	25,70	HID	10,000V 6,000H	11-30 mg	Yes	Yes	No
03-13935	GE# 42729 - MVR250/U 12PK	PUBLIC WORKS	1	10,29	10,29	HID	6,000H 10,000V	>10 - 50 mg	Yes	Yes	No
03-13935	GE# 43828 - MVR400/U 6PK	PUBLIC WORKS	1	9,76	9,76	HID	20,000V 15,000H	31-65 mg	Yes	Yes	No
03-13965	GE# 19976 - MVR175/C/U/MED 6PK	PUBLIC WORKS	4	12,85	51,40	HID	10,000V 6,000H	11-30 mg	Yes	Yes	No
03-13968	GE# 41778 - % * F31T8/SPX41/U 15PK	PUBLIC WORKS	15	4,38	65,70	U-Tube Fluor.	20.000	1-10 mg	No	No	Yes
03-13971	GE# 23731 - Q500T3/CL-FCL 120V 120PK	PUBLIC WORKS	2	2,21	4,42	Quartz	2.000	0 mg	No	No	No

03-13978	GE# 47760 - MVR175/U 12PK	PUBLIC WORKS	2	9,10	18,20	HID	10,000V 6,000H	11-30 mg	Yes	Yes	No
03-14027	GE# 26666 - % * F32T8/SP30/ECO 36PK	PUBLIC WORKS	72	1,43	102,96	T8 Fluorescent	20.000	1-10 mg	Yes	Yes	Yes
03-14081	GE# 23731 - Q500T3/CL-FCL 120V 120PK	PUBLIC WORKS	10	2,21	22,10	Quartz	2.000	0 mg	No	No	No
03-14100	GE# 17986 - 100PAR/H/FL25° 120V 120PK	PUBLIC WORKS	6	1,68	10,08	Incandescent	2.000	0 mg	No	No	No
03-14100	GE# 23010 - * F34CW/RS/WM/ECO 30PK	PUBLIC WORKS	60	0,73	43,80	T12 Fluorescent	20.000	1-10 mg	Yes	Yes	No
03-14131	GE# 27621 - % * F32T8/XL/SPX41/ECO 36PK	PUBLIC WORKS	144	3,27	470,88	T8 Fluorescent	24.000	1-10 mg	Yes	Yes	Yes
03-14137	GE# 23010 - * F34CW/RS/WM/ECO 30PK	PUBLIC WORKS	60	0,73	43,80	T12 Fluorescent	20.000	1-10 mg	Yes	Yes	No
03-14137	GE# 26668 - % * F32T8/SP41/ECO 36PK	PUBLIC WORKS	36	1,43	51,48	T8 Fluorescent	20.000	1-10 mg	Yes	Yes	Yes
03-14142	GE# 18635 - % * 100PAR/HIR/SP10° 120V 120PK	PUBLIC WORKS	24	4,45	106,80	Incandescent	3.000	0 mg	Yes	Yes	Yes
03-14230	GE# 26668 - % * F32T8/SP41/ECO 36PK	PUBLIC WORKS	36	1,43	51,48	T8 Fluorescent	20.000	1-10 mg	Yes	Yes	Yes
03-14230	GE# 97571 - F13BX/SPX41/840 100PK	PUBLIC WORKS	10	1,22	12,20	CFL	10.000	1-10 mg	Yes	Yes	No
03-14234	GE# 23416 - % * F96T8/SPX41 24PK	PUBLIC WORKS	24	4,26	102,24	T8 Fluorescent	15.000	31-65 mg	No	No	Yes
03-14235	GE# 44975 - LU50 12PK	PUBLIC WORKS	3	13,41	40,23	HID	24.000	11-30 mg	Yes	Yes	No
03-14247	GE# 15480 - F17T8/XL/SP41/ECO 24PK	PUBLIC WORKS	24	1,37	32,88	T8 Fluorescent	24.000	1-10 mg	Yes	Yes	No
03-14247	GE# 45756 - % * F25T8/SP41/ECO 24PK	PUBLIC WORKS	2	2,25	4,50	T8 Fluorescent	20.000	1-10 mg	No	No	Yes
03-14254	GE# 23010 - * F34CW/RS/WM/ECO 30PK	PUBLIC WORKS	90	0,73	65,70	T12 Fluorescent	20.000	1-10 mg	Yes	Yes	No
03-14266	GE# 47760 - MVR175/U 12PK	PUBLIC WORKS	12	9,10	109,20	HID	10,000V 6,000H	11-30 mg	Yes	Yes	No
03-14269	GE# 26668 - % * F32T8/SP41/ECO 36PK	PUBLIC WORKS	36	1,43	51,48	T8 Fluorescent	20.000	1-10 mg	Yes	Yes	Yes
03-14300	GE# 23416 - % * F96T8/SPX41 24PK	PUBLIC WORKS	72	4,26	306,72	T8 Fluorescent	15.000	31-65 mg	No	No	Yes
03-14306	GE# 97636 - % * F42TBX/841/A/ECO 10PK	PUBLIC WORKS	160	7,76	1.241,60	CFL	12.000	4 >10 - 50 mg	No	No	Yes
03-14312	GE# 11345 - LU50/MED 6PK	PUBLIC WORKS	3	10,71	32,13	HID	24.000		Yes	Yes	No
03-14316	GE# 26668 - % * F32T8/SP41/ECO	PUBLIC WORKS	36	1,43	51,48	T8	20.000	1-10 mg	Yes	Yes	Yes

	36PK					Fluorescent						
03-14325	GE# 26666 - % * F32T8/SP30/ECO 36PK	PUBLIC WORKS	36	1,43	51,48	T8 Fluorescent	20.000	1-10 mg	Yes	Yes	Yes	
03-14325	GE# 41778 - % * F31T8/SPX41/U 15PK	PUBLIC WORKS	30	4,38	131,40	U-Tube Fluor.	20.000	1-10 mg >10 - 50 mg	No	No	Yes	
03-14327	GE# 13252 - LU150/MED 6PK	PUBLIC WORKS	12	11,44	137,28	HIID	24.000		Yes	Yes	No	
03-14356	GE# 12381 - MXR100/U/MED/O 6PK	PUBLIC WORKS	12	11,03	132,36	HIID	15.000	1-10 mg	Yes	Yes	No	
03-14356	GE# 12652 - MVR100/U/MED 6PK	PUBLIC WORKS	29	11,03	319,87	HIID	15.000	1-10 mg	Yes	Yes	No	
03-14356	GE# 18680 - MXR100/U/MED 6PK	PUBLIC WORKS	18	11,03	198,54	HIID	15.000	1-10 mg	Yes	Yes	No	
03-14357	GE# 12377 - MXR70/U/MED/O 6PK	PUBLIC WORKS	6	12,71	76,26	HIID	15.000	1-10 mg	Yes	Yes	No	
03-14371	GE# 27617 - % * F32T8/XL/SP35/ECO 36PK	PUBLIC WORKS	72	2,22	159,84	T8 Fluorescent	24.000	1-10 mg	Yes	Yes	Yes	
03-14372	GE# 42729 - MVR250/U 12PK	PUBLIC WORKS	3	10,29	30,87	HIID	6,000H 10,000V	>10 - 50 mg	Yes	Yes	No	
03-14378	GE# 42729 - MVR250/U 12PK	PUBLIC WORKS	12	10,29	123,48	HIID	6,000H 10,000V	>10 - 50 mg	Yes	Yes	No	
03-14406	GE# 45764 - LU250ECO 12PK	PUBLIC WORKS	2	13,34	26,68	HIID	24.000	1-10 mg	Yes	Yes	No	
03-14407	GE# 20833 - Q50MR16/C/FL40°- EXN 12V 12PK	PUBLIC WORKS	10	2,19	21,90	Quartz	6.000	0 mg	No	No	No	
03-14410	GE# 27618 - % * F32T8/XL/SP41/ECO 36PK	PUBLIC WORKS	36	2,22	79,92	T8 Fluorescent	24.000	1-10 mg >10 - 50 mg	Yes	Yes	Yes	
03-14411	GE# 11339 - LU70/MED 6PK	PUBLIC WORKS	6	9,55	57,30	HIID	24.000		Yes	Yes	No	
03-14412	GE# 97612 - F26DBX/835/ECO4P 10PK	PUBLIC WORKS	10	6,09	60,90	CFL	12.000	1-5 mg	No	No	No	
03-14413	GE# 23010 - * F34CW/RS/WM/ECO 30PK	PUBLIC WORKS	30	0,73	21,90	T12 Fluorescent	20.000	1-10 mg	Yes	Yes	No	
03-14456	GE# 26668 - % * F32T8/SP41/ECO 36PK	PUBLIC WORKS	36	1,43	51,48	T8 Fluorescent	20.000	1-10 mg	Yes	Yes	Yes	
03-14469	GE# 45760 - LU70ECO 12PK	PUBLIC WORKS	12	11,70	140,40	HIID	24.000	1-10 mg	Yes	Yes	No	
03-14470	GE# 45760 - LU70ECO 12PK	PUBLIC WORKS	12	11,70	140,40	HIID	24.000	1-10 mg	Yes	Yes	No	
03-14480	GE# 25612 - % * F32T8/SPX35/ECO 36PK	PUBLIC WORKS	36	0,00	0,00	T8 Fluorescent	20.000	1-10 mg	No	No	Yes	
03-14480	GE# 41777 - % * F31T8/SPX35/U 15PK	PUBLIC WORKS	15	0,00	0,00	U-Tube Fluor.	20.000	1-10 mg	No	No	Yes	
03-14484	GE# 14672 - % LU70/ECO/NC 12PK	PUBLIC WORKS	12	0,00	0,00	HIID	30.000	2	No	Yes	Yes	
PUBLIC WORKS Total					5.452,10							

03-14004	GE# 10059 - F8T5/CW 24PK	REAL ESTATE	30	1,09	32,70	T5 Fluorescent	5.000	1-10 mg	No	No	No
03-14157	GE# 46761 - % * F54W/T5/841/ECO 40PK	REAL ESTATE	10	4,17	41,70	T5 Fluorescent	30.000	1-10 mg	Yes	Yes	Yes
03-14242	GE# 46761 - % * F54W/T5/841/ECO 40PK	REAL ESTATE	10	4,17	41,70	T5 Fluorescent	30.000	1-10 mg	Yes	Yes	Yes
03-14305	GE# 33405 - 25R14SC/SP 12V 120PK	REAL ESTATE	120	2,41	289,20	Incandescent	2.000	0	Yes	No	No
					REAL ESTATE Total		405,30				
03-13900	GE# 42729 - MVR250/U 12PK	RECREATION & PARK	36	10,29	370,44	HID	6,000H 10,000V	>10 - 50 mg	Yes	Yes	No
03-13926	GE# 26668 - % * F32T8/SP41/ECO 36PK	RECREATION & PARK	720	1,43	1.029,60	T8 Fluorescent	20.000	1-10 mg	Yes	Yes	Yes
03-13987	GE# 23412 - % * F96T8/SP41 24PK	RECREATION & PARK	24	3,04	72,96	T8 Fluorescent	15.000	31-65 mg	No	No	Yes
03-14002	GE# 11792 - 7C7 130V 240PK	RECREATION & PARK	240	0,30	72,00	Incandescent	3.000	0	Yes	No	No
03-14095	GE# 23412 - % * F96T8/SP41 24PK	RECREATION & PARK	120	3,04	364,80	T8 Fluorescent	15.000	31-65 mg	No	No	Yes
03-14110	GE# 23427 - 300PAR56/WFL 12V 12PK	RECREATION & PARK	24	7,69	184,56	Incandescent	1.000	0	No	No	No
03-14203	GE# 21709 - % * FLE15/2/DV/R30 6PK	RECREATION & PARK	12	9,10	109,20	CFL	6.000	3,5	No	No	Yes
03-14209	GE# 11345 - LU50/MED 6PK	RECREATION & PARK	18	10,71	192,78	HID	24.000	>10 - 50 mg	Yes	Yes	No
03-14279	GE# 11792 - 7C7 130V 130PK	RECREATION & PARK	240	0,30	72,00	Incandescent	3.000	0	Yes	No	No
03-14360	GE# 21716 - % * FLE26/2/DV/R40 6PK	RECREATION & PARK	12	9,54	114,48	CFL	6.000	3,5	No	No	Yes
					RECREATION & PARK Total		2.582,82				
03-13866	GE# 18205 - MVR1000/U/BT37 6PK	SAN BRUNO SHERIFF'S DEPT	12	26,46	317,52	HID	9,000H 12,000V	>100 mg to 1000 mg	Yes	Yes	No
03-13866	GE# 97613 - % * F26DBX/841/ECO4P 50PK	SAN BRUNO SHERIFF'S DEPT	146	6,37	930,02	CFL	12.000	1-5 mg	No	No	Yes
03-13887	GE# 97613 - % * F26DBX/841/ECO4P 50PK	SAN BRUNO SHERIFF'S DEPT	50	6,37	318,50	CFL	12.000	1-5 mg	No	No	Yes
03-14424	GE# 18205 - MVR1000/U/BT37 6PK	SAN BRUNO SHERIFF'S DEPT	12	26,46	317,52	HID	9,000H 12,000V	>100 mg to 1000 mg	Yes	Yes	No
03-14424	GE# 27618 - % * F32T8/XL/SP41/ECO 36PK	SAN BRUNO SHERIFF'S DEPT	360	2,22	799,20	T8 Fluorescent	24.000	1-10 mg	Yes	Yes	Yes
03-14424	GE# 43698 - Q250CL/DC 130V	SAN BRUNO SHERIFF'S DEPT	12	5,73	68,76	Quartz	2.000	0 mg	No	No	No
03-14424	GE# 80187 - * F40SP41/ECO 30PK	SAN BRUNO SHERIFF'S	150	0,92	138,00	T12	20.000	1-10 mg	Yes	Yes	No

		DEPT				Fluorescent					
03-14453	GE# 97561 - F9BX/841/ECO 100PK	SAN BRUNO SHERIFF'S DEPT	100	1,28	128,00	CFL	10.000	1-10 mg	Yes	Yes	No
		SAN BRUNO SHERIFF'S DEPT Total			3.017,52						
03-14141	GE# 45761 - LU100ECO 12PK	SE TREATMENT	6	12,25	73,50	HID	24.000	1-10 mg	Yes	Yes	No
		SE TREATMENT Total			73,50						
03-13953	GE# 26668 - % * F32T8/SP41/ECO 36PK	SHERIFF'S DEPT	144	1,43	205,92	T8 Fluorescent	20.000	1-10 mg	Yes	Yes	Yes
03-13954	GE# 10205 - F20T12/D 24PK	SHERIFF'S DEPT	15	1,19	17,85	T12 Fluorescent	9.000	4,9	No	No	No
03-13954	GE# 97600 - % * F18DBX/835/ECO4P 50PK	SHERIFF'S DEPT	10	5,91	59,10	CFL	10.000	1-10 mg	Yes	Yes	Yes
03-13954	GE# 97606 - F26DBX/827/ECO	SHERIFF'S DEPT	50	6,02	301,00	CFL	10.000	1-5 mg	No	No	No
03-13973	GE# 23010 - * F34CW/RS/WM/ECO 30PK	SHERIFF'S DEPT	300	0,73	219,00	T12 Fluorescent	20.000	1-10 mg	Yes	Yes	No
03-14075	GE# 10205 - F20T12/D 24PK	SHERIFF'S DEPT	9	1,19	10,71	T12 Fluorescent	9.000	4,9	No	No	No
03-14076	GE# 26668 - % * F32T8/SP41/ECO 36PK	SHERIFF'S DEPT	216	1,43	308,88	T8 Fluorescent	20.000	1-10 mg	Yes	Yes	Yes
03-14149	GE# 16313 - % F32T8XLSPX50ECO 36PK	SHERIFF'S DEPT	36	3,17	114,12	T8 Fluorescent	24.000	1-10 mg	Yes	Yes	Yes
03-14263	GE# 43828 - MVR400/U 6PK	SHERIFF'S DEPT	12	9,76	117,12	HID	20,000V 15,000H	31-65 mg	Yes	Yes	No
03-14263	GE# 97616 - % * F26TBX/835/A/ECO 10PK	SHERIFF'S DEPT	20	7,47	149,40	CFL	12.000	1-5 mg	No	No	Yes
03-14284	GE# 47430 - % * FLE10HT3/2/XL/CD	SHERIFF'S DEPT	20	9,36	187,20	CFL	12.000	3,5	No	No	Yes
03-14436	GE# 47483 - % * FLE26/2/PAR38/XL 3PK	SHERIFF'S DEPT	18	9,25	166,50	CFL	10.000	3,5	No	No	Yes
		SHERIFF'S DEPT Total			1.856,80						
03-14304	GE# 26668 - % * F32T8/SP41/ECO 36PK	TELECOMMUNICATIONS	180	1,43	257,40	T8 Fluorescent	20.000	1-10 mg	Yes	Yes	Yes
		TELECOMMUNICATIONS Total			257,40						
03-14210	GE# 13250 - LU100/MED 6PK	WATER DEPT.	12	10,84	130,08	HID	24.000	>10 - 50 mg	Yes	Yes	No
03-14350	GE# 23010 - * F34CW/RS/WM/ECO 30PK	WATER DEPT.	120	0,73	87,60	T12 Fluorescent	20.000	1-10 mg	Yes	Yes	No
03-14426	GE# 23731 - Q500T3/CL-FCL 120V	WATER DEPT.	24	2,21	53,04	Quartz	2.000	0 mg	No	No	No
		WATER DEPT. Total			270,72						

03-14239	GE# 45760 - LU70ECO 12PK	WATER POLLUTION	12	11,70	140,40	HID	24.000	1-10 mg	Yes	Yes	No
03-14321	GE# 45760 - LU70ECO 12PK	WATER POLLUTION	12	11,70	140,40	HID	24.000	1-10 mg	Yes	Yes	No
03-14363	GE# 12624 - 75A/67WM 130V 130PK	WATER POLLUTION	96	0,22	21,12	Incandescent	1000/2600	0	No	No	No
03-14451	GE# 23010 - * F34CW/RS/WM/ECO 30PK	WATER POLLUTION	390	0,73	284,70	T12 Fluorescent	20.000	1-10 mg	Yes	Yes	No
					WATER POLLUTION Total		586,62				

Grand Total Sales for GE Large Lamps	77.602,49
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Mercury Quantity in Lamps for General Lighting Applications

11/01/07

Highly efficient, energy-conserving lamps typically contain small quantities of mercury. If the level of mercury is too low, then lamp life, number of starts, color, and light output can be dramatically affected. Lamps will consume all the pure mercury before reaching rated life, requiring additional lamp replacements, which increases mercury usage. The mercury is therefore crucial to achieving the lamps' higher level of operating efficiency. OSRAM SYLVANIA is continuously striving to reduce the levels of mercury in our lamps. The levels in these tables are best projected estimates, subject to machine capabilities. When using these numbers to determine compliance with the US Green Building Council's LEED®-EB low mercury prerequisite¹ or additional point, please note:

- This calculation requires input of ALL mercury-containing lamps and is not designed as a lamp-by-lamp comparison. Each individual lamp does NOT need to meet the 100 picogram per lumen hour level, but rather the total level of all lamp types and quantities must achieve that measurement.
- It is important to remember that individual products cannot be LEED-certified. Only buildings can be LEED-certified.

Category	Lamp Type	Range	Hg Content (mg)
FL 1	T5, pre-heat	4W to 13W (incl BLB)	<15
FL 2	T5, PENTRON®	All	2.5
FL 3	PENTRON® Circline	All	<9
FL 4	T5, PENTRON® HO (High Output)	All	<2.5
FL 5	T12, pre-heat	All	<12 to 15
FL 6	T8, pre-heat	All	<6
FL 8	T8, OCTRON®, linear 800, 800XP, 800XPS	Up to 60"	<3.5
FL 9	T8, OCTRON®, linear 700XP	Up to 72"	<3.5
FL 10	T8, OCTRON®, linear 700	Up to 72"	<8
FL 11	T8, OCTRON® linear	72" and longer	<8.5
FL 12	T8, OCTRON®, HO, linear (High Output)	All	<9.5
FL 13	T8, OCTRON®, CURVALUME®	All	<10
FL 14	T9 Circline	20W	<5
FL 15	T9 Circline	22W, 28W, 40W	<15
FL 16	T12, linear, Rapid Start	(excl. HO & VHO)	<9.5
FL 17	T12, linear, Instant Start	All (>24" L)	<9.5
FL 18	T12, CURVALUME®	All	<8
FL 19	T12, HO (High Output)	All	<15
FL 20	T12, VHO (Very High Output)	All	<30
FL 21	ICETRON®	70W to 150W	<18

CFL 1	DULUX EL®, one piece (amalgam and covered, ex. triple tube)	4W to 40W	<3
CFL 2	DULUX EL®, one piece (bare burner)	4W to 25W	<3-5
CFL 3	DULUX EL®, one piece (bare burner)	25W to 40W	<6
CFL 4	DULUX EL®, one piece (triple tube)	15W to 23W	<5
CFL 5	DULUX EL®, Circline	20W to 30W	<5
CFL 6	DULUX EL®, Micro Mini	13W to 23W	<1.5
CFL 6	DURA-ONE®	23W	<1.8
CFL 7	DULUX® pin base (excl. some T, and F and L)	5W to 57W	<2.5
CFL 8	DULUX® pin base T, T/E	13W to 32W	<4.5
CFL 9	DULUX® pin base, T/E/IN	70W	<3
CFL 10	DULUX® F, pin base	18W to 36 W	<3
CFL 11	DULUX® L, pin base	18W to 55W	<4.5

¹ LEED-EB MR Prerequisite #2 – Toxic Material Source Reduction: Reduced Mercury in Light Bulbs

Mercury Quantity in Lamps for General Lighting Applications 11/1/07

Highly efficient, energy-conserving lamps typically contain small quantities of mercury.

If the level of mercury is too low, then lamp life, number of starts, color, and light output can be dramatically affected. Lamps will consume all the pure mercury before reaching rated life, requiring additional lamp replacements, which increases mercury usage. The mercury is therefore crucial to achieving the lamps' higher level of operating efficiency. In addition, energy-efficient lighting requires less energy, which lowers electricity demand. This means that power plants need to burn less fossil fuel to meet this demand, which reduces emissions of air pollutants – including airborne mercury. OSRAM SYLVANIA is **continuously striving to reduce** the levels of mercury in our lamps. The levels in these tables are best projected estimates, subject to machine capabilities.

When using these numbers to determine compliance with the US Green Building Council's LEED® -EB low mercury prerequisite² or additional point, please note:

This calculation requires input of ALL mercury-containing lamps and is not designed as a lamp-by-lamp comparison. Each individual lamp does NOT need to meet the 100 picogram per lumen hour level, but rather the total level of all lamp types and quantities must achieve that measurement.

It is important to remember that individual products cannot be LEED-certified. Only buildings can be LEED-certified.

Category	Lamp Type	Range	Hg Content (mg)
HID 1	Metal Halide, METALARC® screw base ceramic PAR & TC	20W	<2.5
HID 2	Metal Halide, METALARC® screw base ceramic PAR, T,&TC	39W	<5
HID 3	Metal Halide, METALARC® screw base ceramic PAR, T,&TC	70W	<7
HID 4	Metal Halide, METALARC® screw base ceramic PAR	100W to 150W	<15
HID 5	Metal Halide, METALARC® screw base	50W to 100W	<13
HID 6	Metal Halide, METALARC® screw base	150W to 250W	<34
HID 7	Metal Halide, METALARC® screw base	320W to 360W	<56
HID 8	Metal Halide, METALARC® ceramic screw base	250W	<18
HID 9	Metal Halide, METALARC® ceramic screw base	320W	<31
HID 10	Metal Halide, METALARC® screw base	400W to 750W	<57 to 63
HID 11	Metal Halide, METALARC® screw base	1000W to 1500W	<145
HID 12	Metal Halide, pin base	39 to 150W	<6 to 13
HID 13	Metal Halide, double-ended (excl. HQI DE 150 WDX)	70 to 250W	<15
HID 14	Metal Halide, double-ended - HQI DE 150 WDX only	150W	<23
HID 15	Metal Halide, double-ended	1000 to 3000W	<281
HID 16	Mercury Vapor	50W to 100W	<11 to 20
HID 17	Mercury Vapor	175W	<24
HID 18	Mercury Vapor	250W	<48
HID 19	Mercury Vapor	400W to 1000W	<58 to 79
HID 20	Mercury Vapor H36	1000W	<165
HID 21	High Pressure Sodium, standard	35W to 400W	<11 to 15
HID 22	High Pressure Sodium, standard, SUPER	>400W to 1000W	<18 to 25
HID 23	High Pressure Sodium, LUMALUX® Standby	70W to 400W	<29
HID 24	High Pressure Sodium, LUMALUX® Standby	1000W	<43
HID 25	High Pressure Sodium, ECO	50W to 400W	<15
HID 26	High Pressure Sodium, PLUS, ECO	50W to 400W	<1 to 6
HID 27	High Pressure Sodium PLUS	1000W	<15
HID 28	High Pressure Sodium, HgF mercury free	70W to 150W	0.0001



Mercury Quantity in Lamps for General Lighting Applications 2/27/09

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FL 1	T5, pre-heat	4W to 13W (incl BLB)	<15
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FL 3	PENTRON® Circline	All	<9
FL 4	T5, PENTRON® HO (High Output)	All	<2.5
FL 5	T12, pre-heat	All	<12 to 15
FL 6	T8, pre-heat	All	<6
FL 8	T8, OCTRON®, linear 800, 800XP, 800XPS and XL	Up to 60"	<3.5
FL 9	T8, OCTRON®, linear 700XP	Up to 72"	<3.5
FL10	T8, OCTRON®, linear 700	Up to 72"	<8
FL 11	T8, OCTRON® linear	72" and longer	<8.5
FL 12	T8, OCTRON®, HO, linear (High Output)	All	<9.5
FL 13	T8, OCTRON®, CURVALUME®	All	<3.75 to 6
FL 14	T9 Circline	20W	<5
FL 15	T9 Circline	22W, 28W, 40W	<15
FL 16	T12, linear, Rapid Start	(excl. HO & VHO)	<9.5
FL 17	T12, linear, Instant Start	All (>24" L)	<9.5
FL 18	T12, CURVALUME®	All	<8
FL 19	T12, HO (High Output)	All	<15
FL 20	T12, VHO (Very High Output)	All	<30
FL 21	ICETRON®	70W to 150W	<18

Mercury Quantity in Lamps for General Lighting Applications 2/27/09

Highly efficient, energy-conserving lamps typically contain small quantities of mercury.

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This calculation requires input of ALL mercury-containing lamps and is not designed as a lamp-by-lamp comparison. Each individual lamp does NOT need to meet the individual picogram per lumen hour level, but rather the total level of all lamp types and quantities must achieve that measurement. It is important to remember that individual products cannot be LEED-certified. Only buildings can be LEED-certified.

Category	Lamp Type	Range	Hg Content (mg)
HID 1	Metal Halide, METALARC [®] screw base ceramic PAR & TC	20W	<2.5
HID 2	Metal Halide, METALARC [®] screw base ceramic PAR, T,&TC	39W	<5
HID 3	Metal Halide, METALARC [®] screw base ceramic PAR, T,&TC	70W	<7
HID 4	Metal Halide, METALARC [®] screw base ceramic PAR	100W to 150W	<15
HID 5	Metal Halide, METALARC [®] screw base	50W to 100W	<13
HID 6	Metal Halide, METALARC [®] screw base	150W to 250W	<34
HID 7	Metal Halide, METALARC [®] screw base	320W to 360W	<56
HID 8	Metal Halide, METALARC [®] ceramic screw base	250W	<18
HID 9	Metal Halide, METALARC [®] ceramic screw base	320W	<31
HID 10	Metal Halide, METALARC [®] screw base	400W to 750W	<57 to 63
HID 11	Metal Halide, METALARC [®] screw base	1000W to 1500W	<145
HID 12	Metal Halide, pin base	39 to 150W	<6 to 13
HID 13	Metal Halide, double-ended (excl. HQI DE 150 WDX)	70 to 250W	<15
HID 14	Metal Halide, double-ended - HQI DE 150 WDX only	150W	<23
HID 15	Metal Halide, double-ended	1000 to 3000W	<281
HID 16	Mercury Vapor	50W to 100W	<11 to 20
HID 17	Mercury Vapor	175W	<24
HID 18	Mercury Vapor	250W	<48
HID 19	Mercury Vapor	400W to 1000W	<58 to 79
HID 20	Mercury Vapor H36	1000W	<165
HID 21	High Pressure Sodium, standard	35W to 400W	<11 to 15
HID 22	High Pressure Sodium, standard, SUPER	>400W to 1000W	<18 to 25
HID 23	High Pressure Sodium, LUMALUX [®] Standby	70W to 400W	<29
HID 24	High Pressure Sodium, LUMALUX [®] Standby	1000W	<43
HID 25	High Pressure Sodium, ECO	50W to 400W	<15
HID 26	High Pressure Sodium, PLUS, ECO	50W to 400W	<1 to 6
HID 27	High Pressure Sodium PLUS	1000W	<15
HID 28	High Pressure Sodium, HgF mercury free	70W to 150W	0.0001

Annex V



Green Purchasing Institute

1801 Carleton Street • Berkeley, CA 94703

Tel: 510-547-5475 • Fax: 510-217-4131

MEMORANDUM

To: Elena Lymberidi, Zero Mercury Campaign Coordinator, EEB
From: Alicia Culver
Re: Data on Mercury Content of High-pressure Sodium (HPS) Lamps Available from Major US Manufacturers
Date: March 31, 2008

Below is the data on the mercury content of high-pressure sodium (HPS) lamps offered in the United States by GE Lighting, Philips Lighting and Osram Sylvania. Generally, only GE offers both TCLP-compliant and non-TCLP compliant versions of the same lamp model. GE's Ecolux (TCLP-compliant) models almost always have less mercury, although in one case (400-watt model) the mercury content is the same as its equivalent non-TCLP-compliant model. Sylvania has the best selection of low-mercury and mercury-free HPS lamps. While all of the Philips' models are TCLP-compliant, in some cases their models have the highest mercury content. The higher the wattage, the higher the mercury content in most cases for all of the companies.

So, what spec would facilitate the use of low-mercury HPS lamps? In most cases, specifying TCLP-compliant HPS lamps would enable the specifier to easily get models devoid of the highest mercury levels for each wattage. You could also set numerical levels based on the best two out of three manufacturers' offerings, but that would be complicated and could change as manufacturers reformulate. It would be great to write specifications that would encourage the use of the long-lasting/low-mercury and mercury-free models, but to do so would result in a sole-source spec. What are your suggestions?

AVAILABLE HPS LAMPS FROM MAJOR US MANUFACTURERS (May 2007)

Watts	OEM	Lamp Description	Lamp Model #	Mercury Content (mg)	TCLP (Y/N)	Mean Lumens	Rated Life (Hours)	Notes
50	GE	LU50	44975	11-30	No	3600	24,000+	No LU50/ECO; Lucalox standard model
50	PH	50S68/ALTO	36867-0	17.7	Yes	3600	24,000+	Ceramalux ALTO
50	SY	LU50/ECO	67510	11	Yes	3600	24,000+	Ecologic, low-mercury
50	SY	LU50/PLUS/ECO	67607	8.5	Yes	3600	30,000	Ecologic, low-mercury and long-life
70	GE	LU70	44033	11-30	No	5450	24,000+	Lucalox standard model
70	GE	LU70/ECO	45760	1-10	Yes	5450	24,000+	Ecolux, low-mercury
70	PH	C70S62/ALTO	36869-6	17	Yes	5670	24,000	Ceramalux, ALTO
70	SY	LU70/ECO	67512	11	Yes	5500	24,000+	Ecolux, low-mercury
70	SY	LU70/HgF/ECO	67565	0.0	Yes	5100	24,000+	Ecologic, mercury-free; lower light output
100	GE	LU100	44037	11-30	No	8550	24,000+	Lucalox standard model
100	GE	LU100/ECO	45761	1-10	Yes	8550	24,000+	Ecolux, low-mercury
100	PH	C100S54/ALTO	36872-0	22.1	Yes	8460	24,000+	Ceramalux
100	SY	LU100/ECO	67514	11	Yes	8000	24,000+	Ecologic, low-mercury
100	SY	LU100/PLUS/ECO	67559	0.9	Yes	9000	30,000	Long-life and very low-mercury
100	SY	LU100/HgF/ECO	67558	0.0	Yes	8500	24,000+	Ecologic, mercury-free
150	GE	LU150/55	44043	10-50	No	14,400	24,000+	Lucalox standard model
150	GE	LU150/55/ECO	45762	1-10	Yes	14,400	24,000+	Ecolux, Low-mercury
150	PH	C150S55/ALTO	36874-6	22.1	Yes	14,220	24,000+	Ceramalux, ALTO
150	SY	LU150/55/ECO	67516	14	Yes	24,000	24,000+	Ecologic
150	SY	LU150/55/PLUS/ECO	67494	1.8	Yes	14,440	30,000	Ecologic, very low mercury and long life
150	SY	LU150/55/HgF/ECO	67566	0.0	Yes	13,200	24,000+	Ecologic, mercury-free

Watts	OEM	Lamp Description	Lamp Model #	Mercury Content (mg)	TCLP (Y/N)	Mean Lumens	Rated Life (Hours)	Notes
200	GE	LU200	44206	10-50	No	19,800	24,000+	Lucolux standard model
200	GE	LU200/ECO	45763	11-30	Yes	19,800	24,000+	Ecolux
200	PH	C200S66/ALTO	36877-9	31	Yes	19,260	24,000+	Ceramalux, ALTO
200	SY	LU200/ECO	67576	14	Yes	19,800	24,000+	Ecologic, low-mercury
200	SY	LU200/PLUS/ECO	67495	3	Yes	19,800	24,000+	Ecologic, very low-mercury and long-life
250	GE	LU250	44047	10-50	No	25,200	24,000+	Lucolux standard model
250	GE	LU250/ECO	45764	11-30	Yes	25,200	24,000+	Ecolux, made with no lead solder
250	PH	C250S50/ALTO	36879-5	31.9	Yes	24,300	24,000+	Ceramalux, ALTO
250	SY	LU250/ECO	67578	14	Yes	26,100	24,000+	Ecologic, low-mercury
250	SY	LU250/PLUS/ECO	67572	3	Yes	26,100	30,000	Ecologic, very low-mercury and long-life
400	GE	LU400	44054	11-30	No	45,000	24,000+	Lucolux standard model
400	GE	LU400/ECO	45765	11-30	Yes	45,000	24,000+	Ecolux, made with no lead solder
400	PH	C400S51/ALTO	36881-1	31	Yes	45,000	24,000+	Ceramalux, ALTO
400	SY	LU400/ECO	67533	11	Yes	45,000	24,000+	Ecologic, low-mercury
400	SY	LU400/PLUS/ECO	67312	3.7	Yes	45,000	30,000	Ecologic, very low-mercury and long-life
1000	GE	LU1000/ECO	44058	11-30	Yes	126,000	24,000+	Made with no lead solder; no LU1000 available; all TCLP-compliant
1000	PH	C1000S52/ALTO	36883-7	44	Yes	126,000	24,000+	Ceramalux, ALTO
1000	SY	LU1000/PLUS	67316	15	No	124,000	30,000	Not available in ECO (but still relatively low mercury)

ANNEX VI

**DATA FROM US LAMP MANUFACTURERS OF CYCLING SINGLE BURNER HPS LAMPS (highlighted grey contain more mercury than non-highlighted equivalent models)
(Compiled by Green Purchasing Institute)**

Watts	OEM	Lamp Description	Lamp Model #	Mercury Content (mg)	NGO Mercury Proposal	ELC Mercury Proposal	Rated Life (Hours)	Notes
50	GE	LU50	44975	11-30	15	25	24,000+	Lucalox standard model – want to set limit to eliminate this model
50	PH	50S68/ALTO	36867-0	17.7	15	25	24,000+	Ceramalux ALTO
50	SY	LU50/ECO	67510	10.8	15	25	24,000+	Ecologic
70	GE	LU70	44033	11-30	15	25	24,000+	Lucalox standard model – want to set limit to eliminate this model because old dosing method used and mercury is too high
70	GE	LU70/ECO	45760	1-10	15	25	24,000+	Ecolux, low-mercury
70	PH	C70S62/ALTO	36869-6	17	15	25	24,000	Ceramalux – want to set limit to eliminate this model; mercury much higher than other brands
70	SY	LU70/ECO	67512	10.8	15	25	24,000+	Ecologic
100	GE	LU100	44037	11-30	15	25	24,000+	Lucalox standard model – want to set limit to eliminate this model because old dosing method used and mercury is too high
100	GE	LU100/ECO	45761	1-10	15	25	24,000+	Ecolux, low-mercury
100	PH	C100S54/ALTO*	36872-0	22.1	15	25	24,000+	Ceramalux – want to set limit to eliminate this model; mercury twice as high as other brands
100	SY	LU100/ECO	67514	11	15	25	24,000+	Ecologic, low-mercury
150	GE	LU150/55	44043	10-50	15	25	24,000+	Lucalox standard model – want to set limit to eliminate this model because old dosing method used and

								mercury is too high
150	GE	LU150/55/ECO	45762	1-10	15	25	24,000+	Ecolux, Low-mercury
150	PH	C150S55/ALTO	36874-6	22.1	15	25	24,000+	Ceramalux – want to set limit to eliminate this model; mercury much higher than other brands
150	SY	LU150/55/ECO	67516	10.8	15	25	24,000+	Ecologic

150	GE	LU150/55/ECO	45762	1-10	15	25	24,000+	Ecolux, Low-mercury
150	PH	C150S55/ALTO	36874-6	22.1	15	25	24,000+	Ceramalux – want to set limit to eliminate this model; mercury much higher than other brands
150	SY	LU150/55/ECO	67516	10.8	15	25	24,000+	Ecologic

*Philips 100-watt HPS lamp listed in its European lamps catalog lists on only 16 mg of mercury.
See http://www.prismaecat.lighting.philips.com/FredhopperPDFWebServiceInter/docts/54831751-2b66-415f-9c74-9f559ebe82ec/MASTER_SON_T_PIA_Plus_100W_220_E40_1SL.pdf

Watts	OEM	Lamp Description	Lamp Model #	Mercury Content (mg)	Revised NGO Mercury Proposal*	ELC Mercury Proposal	Rated Life (Hours)	Notes
200	GE	LU200	44206	10-50	30	30	24,000+	Lucalox standard model – want to set limit to eliminate this model because old dosing method used and mercury is too high
200	GE	LU200/ECO	45763	11-30	30	30	24,000+	Ecolux
200	PH	C200S66/ALTO	36877-9	31	30	30	24,000+	Ceramalux, ALTO
200	SY	LU200/ECO	67576	14.4	30	30	24,000+	Ecologic
250	GE	LU250	44047	10-50	30	30	24,000+	Lucalox standard model – want to set limit to eliminate this model because old dosing method used and mercury is too high
250	GE	LU250/ECO	45764	11-30	30	30	24,000+	Ecolux, made with no lead solder
250	PH	C250S50/AL	36879-5	31.9	30	30	24,000+	Ceramalux,

		TO*						ALTO
250	SY	LU250/ECO	67578	10.8	30	30	24,000+	Ecologic
400	GE	LU400	44054	11-30	30	30	24,000+	Lucolux standard model
400	GE	LU400/ECO	45765	11-30	30	30	24,000+	Ecolux, made with no lead solder
400	PH	C400S51/AL TO**	36881-1	31	30	30	24,000+	Ceramalux, ALTO
400	SY	LU400/ECO	67533	10.8	30	30	24,000+	Ecologic
					30			
1000	GE	LU1000/ECO	44058	11-30	30	40	24,000+	Made with no lead solder; no LU1000 available; all TCLP-compliant
1000	PH	C1000S52/A LTO	36883-7	44	30	40	24,000+	Ceramalux, ALTO
1000	SY	LU1000/ECO	67307	18	30	40	24,000+	Ecologic

*Philips equivalent model in its European catalog reports only 15 mg of mercury.

See http://www.prismaecat.lighting.philips.com/FredhopperPDFWebServiceInter/docts/54be9f9d-683f-4d25-8b13-4122ec8baecd/MASTER_SON_T_PIA_Plus_250W_220_E40_1SL.pdf

** Philips equivalent model in its European catalog reports only 20 mg of mercury for this model.

See http://www.prismaecat.lighting.philips.com/FredhopperPDFWebServiceInter/docts/2bad0d50-a00e-4021-adfb-dcbebf5f166b/MASTER_SON_T_PIA_Plus_400W_220_E40_1SL.pdf

ANNEX VII

Examples of Non-cycling HPS lamps that meet the NGOs proposed limit:

50-watt HPS Non-cycling Lamps (Low-mercury)

Brand	Initial Lumens	Rated Life (Hours)	Models	Max Mercury Content
Philips	4,000	30,000	C50S68/ALTO NC HPS	Requested from manufacturer
Sylvania	4,000	30,000	LU70/PLUS/ECO	<6 mg

70-watt HPS Non-cycling Lamps (Low-mercury)

Brand	Initial Lumens	Rated Life (Hours)	Models	Max Mercury Content
Philips	6,300	30,000	C70S62/ALTO NC HPS	1.2 mg
GE	6,300	30,000	LU70/ECO/NC	2.0 mg
Sylvania	6,300	30,000	LU70/PLUS/ECO	<6.0 mg

100-watt HPS Non-cycling Lamps (Low-mercury)

Brand	Initial Lumens	Rated Life (Hours)	Models	Max Mercury Content
Philips	10,000	30,000	C100S54/ALTO NC	2
GE	10,500	30,000	LU100/ECO/NC	2
Sylvania	10,000	30,000	LU100/PLUS/ECO	0.9

150-watt HPS Non-cycling Lamps (Low-mercury)

Brand	Initial Lumens	Rated Life (Hours)	Models	Max Mercury Content
Philips	16,000	30,000	C150S55/ALTO NC HPS 12PK	2
GE	16,000	30,000	LU150/55/ECO/NC	4
Sylvania	16,000	30,000	LU150/55/PLUS/ECO	<6

250-watt HPS Non-cycling Lamps (Low-mercury)

Brand	Initial Lumens	Rated Life (Hours)	Models	Max Mercury Content
Philips	28,500	30,000	C250S51/ALTO NC HPS	3.5
GE	29,000	30,000	LU250/ECO/NC	5.0
Sylvania	29,000	30,000	LU100/PLUS/ECO	<6

400-watt HPS Non-cycling Lamps (Low-mercury)

Brand	Initial Lumens	Rated Life (Hours)	Models	Max Mercury Content
Philips	50,000	30,000	C150S55/ALTO NC HPS 12PK	5.4
GE	54,000	30,000	LU400/ECO/NC	7.0
Sylvania	50,000	30,000	LU400/PLUS/ECO	6.0

1000-watt HPS Non-cycling Lamps (25 mg limit)

Brand	Initial Lumens	Rated Life (Hours)	Models	Max Mercury Content
Philips	130,000	30,000	C1000S52/ALTO NC HPS	44
GE	140,000	24,000	LU1000/ECO/NC	25.0
Sylvania	130,000	30,000	LU1000/PLUS	15