

# **BYPRODUCT MATERIALS TRANSFER REPORT**

**Date:** 9 January 2020

**To:** Document Control Desk/Exempt Distribution  
Director, Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission,  
Washington, DC 20555-0001.

30-38187

Pursuant to the requirements of our USNRC Materials License 20-23981-01E and **10 CFR 30.15(a)(8)(iv)** and as required by **10 CFR 32.16(a)(2)**, we hereby submit the attached report that details the transfer of products containing exempt quantities of byproduct material.

Please find attached our records of materials transfer for the period of Jan 1, 2019 – Dec 31, 2019.

**Licensee:**

JW North America Inc.  
200 Ledgewood Place, Suite 201  
Rockland, MA 02370

**USNRC License:** 20-23981-01E

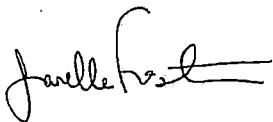
**Authorized Use:** Pursuant to 32.14, 10CFR Part 32

**Product Type:** Electron Tubes containing gaseous Kr<sup>85</sup>

**Report Period:** Jan 2019 – Dec 2019

If there are any questions regarding this report, please do not hesitate to contact me.

Respectfully submitted,



Janelle Foster  
jfoster@jwnorthamerica.com

Radiation Safety Officer  
JW North America, Inc

NMSSD3

**JW North America Inc.**  
**HP Lamp Distribution Records (NRC)**  
**January 1, 2019 - December 31, 2019**

Product Description	Ship Date	Trans. #	Quantity Distributed	KR85 Each (uCi)	KR85 Total (uCi)
<b>21104-1</b>					
<b>JK-RUSA 400W R7s</b>					
	1/10/2019	524741	59	0.03	1.77
	3/8/2019	524939	100	0.03	3.00
	3/22/2019	524995	100	0.03	3.00
	5/9/2019	525187	100	0.03	3.00
	6/7/2019	525280	100	0.03	3.00
	6/28/2019	525343	200	0.03	6.00
	7/26/2019	525435	200	0.03	6.00
	9/27/2019	525570	100	0.03	3.00
	11/25/2019	525706	100	0.03	3.00
	12/18/2019	525750	100	0.03	3.00
<b>Total - JK-RUSA 400W R7s</b>			<b>1,159</b>		<b>34.77</b>
<b>21111</b>					
<b>Cosmedico E 400 SE</b>					
	2/13/2019	524826	6	0.03	0.18
	4/29/2019	525141	9	0.03	0.27
	6/7/2019	525283	20	0.03	0.60
<b>Total - Cosmedico E 400 SE</b>			<b>35</b>		<b>1.05</b>
<b>21112-1</b>					
<b>Cosmedico M 650W SE GY9.5</b>					
	1/2/2019	524712	3	0.22	0.66
	1/9/2019	524738	6	0.22	1.32
	1/22/2019	524765	150	0.22	33.00
	1/23/2019	524766	100	0.22	22.00
	1/25/2019	524774	20	0.22	4.40
	2/4/2019	524797	50	0.22	11.00
	2/14/2019	524832	25	0.22	5.50
	2/19/2019	524844	50	0.22	11.00
	3/21/2019	524989	75	0.22	16.50
	3/25/2019	525002	24	0.22	5.28
	3/27/2019	525015	25	0.22	5.50
	3/28/2019	525017	75	0.22	16.50
	4/8/2019	525059	24	0.22	5.28
	4/12/2019	525080	12	0.22	2.64
	5/9/2019	525182	100	0.22	22.00
	5/17/2019	525221	4	0.22	0.88
	6/5/2019	525266	35	0.22	7.70
	6/6/2019	525279	100	0.22	22.00
	6/11/2019	525294	72	0.22	15.84
	6/13/2019	525301	14	0.22	3.08
	6/27/2019	525341	86	0.22	18.92
	6/27/2019	525340	25	0.22	5.50
	6/27/2019	525341	50	0.22	11.00
	8/14/2019	525476	35	0.22	7.70
	8/20/2019	525484	300	0.22	66.00
	8/20/2019	525486	100	0.22	22.00
	9/6/2019	525523	167	0.22	36.74

11/12/2019	525676	100	0.22	22.00
11/12/2019	525673	4	0.22	0.88
11/12/2019	525672	83	0.22	18.26
11/20/2019	525694	10	0.22	2.20
11/25/2019	525703	32	0.22	7.04
<b>Total - Cosmedico M 650W SE GY9.5</b>		<b>1,956</b>		<b>430.32</b>

23510902

Corona 620W GX-12

8/1/2019	525445	101	0.22	22.22
<b>Total - Corona 620W GX-12</b>		<b>101</b>		<b>22.22</b>

24003-1

Cosmedico M 400W R7s

1/2/2019	524713	3	0.17	0.51
1/9/2019	524740	70	0.17	11.90
1/9/2019	524739	9	0.17	1.53
1/11/2019	524748	48	0.17	8.16
1/15/2019	524755	6	0.17	1.02
4/5/2019	525055	31	0.17	5.27
5/3/2019	525164	12	0.17	2.04
5/13/2019	525206	17	0.17	2.89
5/22/2019	525224	39	0.17	6.63
7/1/2019	525344	6	0.17	1.02
7/10/2019	525370	20	0.17	3.40
7/26/2019	525436	12	0.17	2.04
7/26/2019	525438	12	0.17	2.04
7/26/2019	525437	12	0.17	2.04
9/3/2019	525510	12	0.17	2.04
10/2/2019	525581	2	0.17	0.34
<b>Total - Cosmedico M 400W R7s</b>		<b>311</b>		<b>52.87</b>

24006-1

Cosmedico M 500W SE GY9.5

1/2/2019	524713	4	0.15	0.60
2/5/2019	524801	4	0.15	0.60
3/7/2019	524932	150	0.15	22.50
3/25/2019	525001	16	0.15	2.40
5/17/2019	525221	3	0.15	0.45
5/22/2019	525224	5	0.15	0.75
6/12/2019	525299	12	0.15	1.80
7/1/2019	525344	26	0.15	3.90
7/10/2019	525379	20	0.15	3.00
7/10/2019	525370	10	0.15	1.50
7/25/2019	525426	8	0.15	1.20
9/25/2019	525559	5	0.15	0.75
10/22/2019	525630	50	0.15	7.50
10/30/2019	525646	150	0.15	22.50
<b>Total - Cosmedico M 500W SE GY9.5</b>		<b>463</b>		<b>69.45</b>

24007-1

Cosmedico M 500W R7s

1/15/2019	524755	24	0.15	3.60
1/23/2019	524766	100	0.15	15.00
2/19/2019	524844	200	0.15	30.00
3/6/2019	524919	50	0.15	7.50
3/19/2019	524973	5	0.15	0.75
4/12/2019	525078	50	0.15	7.50
4/18/2019	525098	75	0.15	11.25

5/3/2019	525163	25	0.15	3.75
6/5/2019	525266	175	0.15	26.25
6/6/2019	525279	50	0.15	7.50
6/19/2019	525321	4	0.15	0.60
6/27/2019	525340	253	0.15	37.95
6/27/2019	525341	75	0.15	11.25
8/14/2019	525476	25	0.15	3.75
8/14/2019	525476	22	0.15	3.30
8/14/2019	525476	25	0.15	3.75
9/24/2019	525556	50	0.15	7.50
10/18/2019	525619	10	0.15	1.50
10/22/2019	525627	25	0.15	3.75
10/25/2019	525636	1	0.15	0.15
10/28/2019	525638	15	0.15	2.25
10/31/2019	525650	4	0.15	0.60
<b>Total - Cosmedico M 500W R7s</b>		<b>1,263</b>		<b>189.45</b>

**24008-1****Cosmedico M 500W L**

4/2/2019	525038	6	0.15	0.90
4/10/2019	525071	3	0.15	0.45
6/21/2019	525327	2	0.15	0.30
9/25/2019	525559	2	0.15	0.30
10/25/2019	525635	5	0.15	0.75
<b>Total - Cosmedico M 500W L</b>		<b>18</b>		<b>2.70</b>

**24022-1****Ariana SBSN 1000 SE**

2/14/2019	524834	18	0.12	2.16
2/22/2019	524861	4	0.12	0.48
3/6/2019	524920	3	0.12	0.36
5/22/2019	525225	4	0.12	0.48
11/4/2019	525656	18	0.12	2.16
11/25/2019	525703	3	0.12	0.36
<b>Total - Ariana SBSN 1000 SE</b>		<b>50</b>		<b>6.00</b>

**24101****CosmoTech 1200W wire leads**

10/18/2019	525619	4	0.06	0.24
11/19/2019	525691	6	0.06	0.36
<b>Total - CosmoTech 1200W wire leads</b>		<b>10</b>		<b>0.60</b>

**24103-1****Cosmedico E 1000 L**

2/22/2019	524861	8	0.50	4.00
3/21/2019	524985	4	0.50	2.00
4/1/2019	525034	4	0.50	2.00
4/29/2019	525141	3	0.50	1.50
6/7/2019	525280	5	0.50	2.50
6/21/2019	525327	1	0.50	0.50
9/25/2019	525559	1	0.50	0.50
10/25/2019	525635	1	0.50	0.50
<b>Total - Cosmedico E 1000 L</b>		<b>27</b>		<b>13.50</b>

**24171-1****Cosmedico E 1000W SE GY9.5**

4/4/2019	525053	3	0.12	0.36
4/5/2019	525055	18	0.12	2.16
4/8/2019	525058	2	0.12	0.24

4/12/2019	525080	6	0.12	0.72
5/13/2019	525206	3	0.12	0.36
7/10/2019	525370	2	0.12	0.24
10/25/2019	525635	4	0.12	0.48
11/11/2019	525670	1	0.12	0.12
11/25/2019	525703	4	0.12	0.48
<b>Total - Cosmedico E 1000W SE GY9.5</b>		<b>43</b>		<b>5.16</b>

**24178****Cosmedico E 800W R7s**

7/9/2019	525359	12	0.08	0.96
<b>Total - Cosmedico E 800W R7s</b>		<b>12</b>		<b>0.96</b>

**24178-1****Cosmedico M 800W R7s**

2/14/2019	524832	25	0.08	2.00
3/6/2019	524923	40	0.08	3.20
9/3/2019	525510	4	0.08	0.32
<b>Total - Cosmedico M 800W R7s</b>		<b>69</b>		<b>5.52</b>

**24210****CosmoTech 2000W/400V wire leads**

11/21/2019	525698	24	0.20	4.80
<b>Total - CosmoTech 2000W/400V wire leads</b>		<b>24</b>		<b>4.80</b>

**24293****Evolution Light 500W 230V**

3/11/2019	524945	125	0.22	27.50
4/24/2019	525123	150	0.22	33.00
6/19/2019	525316	50	0.22	11.00
7/23/2019	525406	100	0.22	22.00
9/3/2019	525511	100	0.22	22.00
10/4/2019	525586	75	0.22	16.50
10/25/2019	525637	100	0.22	22.00
<b>Total - Evolution Light 500W 230V</b>		<b>700</b>		<b>154.00</b>

**24294****Evolution Light 620/650W 230V**

1/31/2019	524786	27	0.06	1.62
2/14/2019	524830	26	0.06	1.56
2/21/2019	524855	275	0.06	16.50
3/11/2019	524945	250	0.06	15.00
3/11/2019	524942	189	0.06	11.34
3/14/2019	524964	56	0.06	3.36
5/9/2019	525184	200	0.06	12.00
6/19/2019	525316	25	0.06	1.50
7/23/2019	525406	150	0.06	9.00
8/27/2019	525502	200	0.06	12.00
9/17/2019	525537	200	0.06	12.00
10/4/2019	525586	125	0.06	7.50
10/25/2019	525637	150	0.06	9.00
<b>Total - Evolution Light 620/650W 230V</b>		<b>1,873</b>		<b>112.38</b>

**30138****Evolution Light 800W 230V**

6/19/2019	525316	25	0.06	1.50
7/23/2019	525406	12	0.06	0.72
9/17/2019	525537	25	0.06	1.50
10/4/2019	525586	20	0.06	1.20

<b>Total - Evolution Light 800W 230V</b>	<b>82</b>	<b>4.92</b>
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30139

Evolution Light 1000W 230V

3/11/2019	524945	75	0.14	10.50
5/9/2019	525184	25	0.14	3.50
9/17/2019	525537	25	0.14	3.50
10/4/2019	525586	12	0.14	1.68
10/25/2019	525637	50	0.14	7.00

<b>Total - Evolution Light 1000W 230V</b>	<b>187</b>	<b>26.18</b>
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30140

Evolution Light 1400W 230V

2/5/2019	524805	150	0.14	21.00
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<b>Total - Evolution Light 1400W 230V</b>	<b>150</b>	<b>21.00</b>
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445001

Eternal Sun 67 - HP 800

3/6/2019	524919	75	0.15	11.25
4/12/2019	525078	75	0.15	11.25
4/18/2019	525098	100	0.15	15.00
5/9/2019	525182	125	0.15	18.75
6/27/2019	525340	100	0.15	15.00
7/19/2019	525398	25	0.15	3.75
8/14/2019	525476	150	0.15	22.50
8/15/2019	525480	8	0.15	1.20
9/10/2019	525531	50	0.15	7.50
9/24/2019	525556	25	0.15	3.75
12/30/2019	525783	75	0.15	11.25

<b>Total - Eternal Sun 67 - HP 800</b>	<b>808</b>	<b>121.20</b>
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480001

Eternal Sun 105 - 800W

2/6/2019	524813	200	0.12	24.00
4/12/2019	525078	75	0.12	9.00
4/18/2019	525098	125	0.12	15.00
4/30/2019	525150	100	0.12	12.00
9/10/2019	525531	25	0.12	3.00
10/28/2019	525638	7	0.12	0.84

<b>Total - Eternal Sun 105 - 800W</b>	<b>532</b>	<b>63.84</b>
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900612555

Ergoline Ultra 520 W

1/3/2019	524716	50	0.02	1.00
1/10/2019	524741	455	0.02	9.10
3/4/2019	524901	12	0.02	0.24
3/4/2019	524903	4	0.02	0.08
3/4/2019	524902	9	0.02	0.18
3/4/2019	524904	12	0.02	0.24
3/5/2019	524907	15	0.02	0.30
3/5/2019	524911	3	0.02	0.06
3/5/2019	524910	3	0.02	0.06
3/5/2019	524912	4	0.02	0.08
3/5/2019	524908	4	0.02	0.08
3/5/2019	524906	4	0.02	0.08
3/5/2019	524909	4	0.02	0.08
3/7/2019	524925	12	0.02	0.24
3/8/2019	524938	675	0.02	13.50
3/8/2019	524938	275	0.02	5.50

3/8/2019	524938	650	0.02	13.00
3/8/2019	524938	650	0.02	13.00
3/22/2019	524991	700	0.02	14.00
3/22/2019	524995	125	0.02	2.50
3/22/2019	524994	250	0.02	5.00
3/22/2019	524993	500	0.02	10.00
3/28/2019	525016	875	0.02	17.50
4/8/2019	525060	150	0.02	3.00
4/16/2019	525088	100	0.02	2.00
4/22/2019	525110	900	0.02	18.00
4/24/2019	525122	125	0.02	2.50
4/24/2019	525120	75	0.02	1.50
4/30/2019	525149	100	0.02	2.00
5/6/2019	525170	200	0.02	4.00
5/9/2019	525186	1,175	0.02	23.50
5/9/2019	525185	100	0.02	2.00
5/9/2019	525188	100	0.02	2.00
5/9/2019	525186	100	0.02	2.00
5/9/2019	525187	400	0.02	8.00
5/17/2019	525218	600	0.02	12.00
5/17/2019	525220	150	0.02	3.00
5/29/2019	525239	150	0.02	3.00
5/31/2019	525252	775	0.02	15.50
6/28/2019	525343	798	0.02	15.96
6/28/2019	525343	225	0.02	4.50
6/28/2019	525343	500	0.02	10.00
6/28/2019	525343	500	0.02	10.00
7/10/2019	525371	275	0.02	5.50
7/10/2019	525372	23	0.02	0.46
7/10/2019	525373	202	0.02	4.04
8/1/2019	525447	800	0.02	16.00
8/1/2019	525446	177	0.02	3.54
8/1/2019	525448	500	0.02	10.00
8/6/2019	525456	500	0.02	10.00
8/16/2019	525483	500	0.02	10.00
9/10/2019	525530	1,000	0.02	20.00
9/17/2019	525539	550	0.02	11.00
9/27/2019	525570	800	0.02	16.00
10/11/2019	525611	759	0.02	15.18
11/14/2019	525682	500	0.02	10.00
11/14/2019	525683	241	0.02	4.82
11/14/2019	525683	500	0.02	10.00
11/25/2019	525706	277	0.02	5.54
12/11/2019	525735	523	0.02	10.46
12/11/2019	525735	500	0.02	10.00
12/18/2019	525750	500	0.02	10.00
<b>Total - Ergoline Ultra 520 W</b>		<b>21,641</b>		<b>432.82</b>
<b>913132641</b>				
<b>HPA 250-500/30 SD FX L</b>				
2/5/2019	524803	50	0.02	1.00
10/22/2019	525630	100	0.02	2.00
<b>Total - HPA 250-500/30 SD FX L</b>		<b>150</b>		<b>3.00</b>
<b>913134045</b>				
<b>Cleo HPA 250-500/SE FX</b>				
1/2/2019	524713	2	0.02	0.04
1/22/2019	524765	25	0.02	0.50
1/25/2019	524774	50	0.02	1.00

2/4/2019	524797	150	0.02	3.00
2/11/2019	524824	100	0.02	2.00
2/14/2019	524832	25	0.02	0.50
2/19/2019	524844	125	0.02	2.50
3/1/2019	524897	50	0.02	1.00
3/1/2019	524898	15	0.02	0.30
3/15/2019	524968	50	0.02	1.00
3/21/2019	524989	50	0.02	1.00
3/26/2019	525004	25	0.02	0.50
4/12/2019	525078	50	0.02	1.00
4/15/2019	525081	50	0.02	1.00
4/18/2019	525098	25	0.02	0.50
4/30/2019	525150	50	0.02	1.00
5/2/2019	525157	75	0.02	1.50
5/3/2019	525163	50	0.02	1.00
5/28/2019	525234	50	0.02	1.00
6/5/2019	525266	25	0.02	0.50
6/6/2019	525269	100	0.02	2.00
6/6/2019	525279	50	0.02	1.00
6/11/2019	525291	50	0.02	1.00
6/21/2019	525326	25	0.02	0.50
6/27/2019	525341	75	0.02	1.50
7/17/2019	525396	25	0.02	0.50
7/30/2019	525443	300	0.02	6.00
8/14/2019	525476	75	0.02	1.50
8/20/2019	525484	200	0.02	4.00
9/6/2019	525523	250	0.02	5.00
9/10/2019	525531	25	0.02	0.50
9/13/2019	525535	25	0.02	0.50
9/24/2019	525556	50	0.02	1.00
9/26/2019	525561	41	0.02	0.82
11/12/2019	525675	75	0.02	1.50
11/12/2019	525676	30	0.02	0.60
11/12/2019	525674	59	0.02	1.18
12/19/2019	525757	200	0.02	4.00

<b>Total - Cleo HPA 250-500/SE FX</b>		<b>2,697</b>		<b>53.94</b>
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913137141

HPA 400/30 SD L

1/2/2019	524710	50	0.03	1.50
1/17/2019	524760	40	0.03	1.20
2/1/2019	524791	50	0.03	1.50
2/5/2019	524801	4	0.03	0.12
2/13/2019	524827	7	0.03	0.21
3/1/2019	524898	50	0.03	1.50
4/24/2019	525120	25	0.03	0.75
4/25/2019	525130	75	0.03	2.25
5/2/2019	525156	2	0.03	0.06
6/28/2019	525342	12	0.03	0.36
8/13/2019	525473	25	0.03	0.75
11/13/2019	525679	25	0.03	0.75

<b>Total - HPA 400/30 SD L</b>		<b>365</b>		<b>10.95</b>
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913138841

HPA 400/30 SL

1/8/2019	524730	25	0.07	1.75
1/22/2019	524765	150	0.07	10.50
2/4/2019	524797	75	0.07	5.25
2/14/2019	524832	75	0.07	5.25



2/19/2019	524844	50	0.07	3.50
3/6/2019	524919	50	0.07	3.50
3/7/2019	524926	200	0.07	14.00
3/15/2019	524968	25	0.07	1.75
3/21/2019	524989	150	0.07	10.50
3/27/2019	525015	50	0.07	3.50
4/4/2019	525048	20	0.07	1.40
4/15/2019	525081	25	0.07	1.75
4/16/2019	525090	48	0.07	3.36
5/3/2019	525163	200	0.07	14.00
6/5/2019	525266	25	0.07	1.75
6/6/2019	525279	25	0.07	1.75
6/11/2019	525291	25	0.07	1.75
6/20/2019	525323	50	0.07	3.50
6/27/2019	525341	75	0.07	5.25
6/27/2019	525340	25	0.07	1.75
7/19/2019	525398	50	0.07	3.50
7/26/2019	525439	20	0.07	1.40
9/10/2019	525531	30	0.07	2.10
9/20/2019	525549	50	0.07	3.50
9/24/2019	525556	25	0.07	1.75
9/26/2019	525561	4	0.07	0.28
10/3/2019	525584	10	0.07	0.70
10/22/2019	525627	250	0.07	17.50
10/23/2019	525632	25	0.07	1.75
11/8/2019	525666	25	0.07	1.75
12/2/2019	525712	25	0.07	1.75
12/19/2019	525757	300	0.07	21.00
12/30/2019	525783	50	0.07	3.50
<b>Total - HPA 400/30 SL</b>		<b>2,232</b>		<b>156.24</b>

919220245

CLEO HPA 400 S

2/20/2019	524850	25	0.06	1.50
4/3/2019	525039	20	0.06	1.20
10/1/2019	525576	15	0.06	0.90
<b>Total - CLEO HPA 400 S</b>		<b>60</b>		<b>3.60</b>

920669541

Cleo HPA 700S FX

2/5/2019	524807	25	0.07	1.75
5/30/2019	525250	20	0.07	1.40
<b>Total - Cleo HPA 700S FX</b>		<b>45</b>		<b>3.15</b>

920677041

HPA 250-500 SDC FX

3/1/2019	524897	10	0.03	0.30
3/15/2019	524968	4	0.03	0.12
4/22/2019	525109	12	0.03	0.36
6/21/2019	525326	10	0.03	0.30
9/13/2019	525535	6	0.03	0.18
9/26/2019	525561	4	0.03	0.12
<b>Total - HPA 250-500 SDC FX</b>		<b>46</b>		<b>1.38</b>

938670245

HPA 1010 SE FX

1/22/2019	524765	25	0.12	3.00
1/23/2019	524766	75	0.12	9.00
2/4/2019	524797	50	0.12	6.00

2/14/2019	524832	25	0.12	3.00
3/7/2019	524926	25	0.12	3.00
3/21/2019	524989	25	0.12	3.00
3/28/2019	525017	50	0.12	6.00
4/15/2019	525081	25	0.12	3.00
5/3/2019	525163	50	0.12	6.00
5/9/2019	525182	50	0.12	6.00
6/5/2019	525266	25	0.12	3.00
6/6/2019	525279	25	0.12	3.00
6/27/2019	525341	75	0.12	9.00
7/19/2019	525398	25	0.12	3.00
8/14/2019	525476	25	0.12	3.00
8/20/2019	525484	100	0.12	12.00
9/6/2019	525523	100	0.12	12.00
9/10/2019	525531	25	0.12	3.00
9/24/2019	525556	25	0.12	3.00
10/28/2019	525638	25	0.12	3.00
12/19/2019	525757	50	0.12	6.00
12/30/2019	525783	50	0.12	6.00
Total - HPA 1010 SE FX		950		114.00

996000101

Ergoline 60/80 EF

1/3/2019	524716	50	0.22	11.00
1/10/2019	524741	900	0.22	198.00
1/17/2019	524760	225	0.22	49.50
2/1/2019	524791	500	0.22	110.00
2/5/2019	524803	30	0.22	6.60
2/15/2019	524836	110	0.22	24.20
2/25/2019	524866	300	0.22	66.00
3/8/2019	524939	500	0.22	110.00
3/22/2019	524991	425	0.22	93.50
3/28/2019	525016	225	0.22	49.50
4/10/2019	525069	60	0.22	13.20
4/16/2019	525088	150	0.22	33.00
4/22/2019	525110	500	0.22	110.00
4/24/2019	525122	300	0.22	66.00
4/30/2019	525149	425	0.22	93.50
5/9/2019	525186	600	0.22	132.00
5/9/2019	525188	100	0.22	22.00
5/9/2019	525185	125	0.22	27.50
5/9/2019	525187	300	0.22	66.00
5/17/2019	525218	300	0.22	66.00
5/17/2019	525220	100	0.22	22.00
5/29/2019	525239	125	0.22	27.50
5/31/2019	525252	500	0.22	110.00
6/7/2019	525281	500	0.22	110.00
6/7/2019	525280	300	0.22	66.00
6/21/2019	525325	50	0.22	11.00
6/28/2019	525343	300	0.22	66.00
7/10/2019	525372	200	0.22	44.00
7/10/2019	525371	200	0.22	44.00
7/15/2019	525386	200	0.22	44.00
7/26/2019	525433	355	0.22	78.10
8/1/2019	525448	500	0.22	110.00
8/1/2019	525447	145	0.22	31.90
8/6/2019	525456	200	0.22	44.00
8/16/2019	525483	300	0.22	66.00
9/10/2019	525530	500	0.22	110.00

9/17/2019	525539	150	0.22	33.00
9/27/2019	525570	900	0.22	198.00
10/11/2019	525611	500	0.22	110.00
10/18/2019	525621	200	0.22	44.00
10/31/2019	525653	500	0.22	110.00
11/14/2019	525682	150	0.22	33.00
11/25/2019	525706	400	0.22	88.00
12/11/2019	525735	500	0.22	110.00
12/17/2019	525744	60	0.22	13.20
12/18/2019	525750	500	0.22	110.00
<b>Total - Ergoline 60/80 EF</b>		<b>14,460</b>		<b>3,181.20</b>

**R02362****Radiance HP 600-800W Gy9.5**

2/22/2019	524857	300	0.22	66.00
4/4/2019	525043	100	0.22	22.00
6/19/2019	525320	125	0.22	27.50
6/19/2019	525319	25	0.22	5.50
7/24/2019	525423	150	0.22	33.00
9/6/2019	525525	300	0.22	66.00
10/7/2019	525588	250	0.22	55.00
11/14/2019	525684	217	0.22	47.74
12/27/2019	525774	433	0.22	95.26
<b>Total - Radiance HP 600-800W Gy9.5</b>		<b>1,900</b>		<b>418.00</b>

**R02600****Radiance HP 1000W 230V Wire Lead**

6/19/2019	525319	25	0.14	3.50
11/14/2019	525684	25	0.14	3.50
<b>Total - Radiance HP 1000W 230V Wire Lead</b>		<b>50</b>		<b>7.00</b>

**R02606****Radiance HP 630W PIN**

10/7/2019	525588	25	0.06	1.50
11/14/2019	525684	100	0.06	6.00
<b>Total - Radiance HP 630W PIN</b>		<b>125</b>		<b>7.50</b>

**R02609****Radiance HP 300/520W 230v Plug In**

1/8/2019	524732	220	0.14	30.80
2/22/2019	524857	331	0.14	46.34
3/7/2019	524929	19	0.14	2.66
10/7/2019	525588	75	0.14	10.50
11/14/2019	525684	350	0.14	49.00
<b>Total - Radiance HP 300/520W 230v Plug In</b>		<b>995</b>		<b>139.30</b>

**R02610****Radiance HP 800-1000W GY9.5 230V**

2/22/2019	524857	125	0.12	15.00
4/4/2019	525043	25	0.12	3.00
6/19/2019	525319	50	0.12	6.00
6/19/2019	525320	25	0.12	3.00
10/7/2019	525588	25	0.12	3.00
11/14/2019	525684	250	0.12	30.00
<b>Total - Radiance HP 800-1000W GY9.5 230V</b>		<b>500</b>		<b>60.00</b>

**R02611****Radiance HP 620W 230v Wire Lead**

3/7/2019	524928	75	0.22	16.50
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6/19/2019	525319	25	0.22	5.50
10/7/2019	525588	50	0.22	11.00
11/14/2019	525684	50	0.22	11.00
<b>Total - Radiance HP 620W 230v Wire Lead</b>		<b>200</b>		<b>44.00</b>

**R02614****Radiance HP 600/650W 230V**

4/10/2019	525070	25	0.15	3.75
6/19/2019	525319	25	0.15	3.75
11/14/2019	525684	25	0.15	3.75
<b>Total - Radiance HP 600/650W 230V</b>		<b>75</b>		<b>11.25</b>

**R03060****Radiance HP 400/500W 230v Clip-In**

2/22/2019	524857	1,225	0.14	171.50
6/19/2019	525319	225	0.14	31.50
6/19/2019	525320	100	0.14	14.00
8/30/2019	525508	50	0.14	7.00
9/6/2019	525525	50	0.14	7.00
10/7/2019	525588	600	0.14	84.00
11/14/2019	525684	1,275	0.14	178.50
<b>Total - Radiance HP 400/500W 230v Clip-In</b>		<b>3,525</b>		<b>493.50</b>

**SI01400PIGH****SUNITALIA SI-01400 PIGH**

4/15/2019	525083	153	0.14	21.42
8/14/2019	525474	210	0.14	29.40
<b>Total - SUNITALIA SI-01400 PIGH</b>		<b>363</b>		<b>50.82</b>

**SI0650PIX****SUNITALIA SI-0650 PIX**

8/14/2019	525474	204	0.15	30.60
<b>Total - SUNITALIA SI-0650 PIX</b>		<b>204</b>		<b>30.60</b>

**SQ01400LWL****SUPRA Q-01400LWL 1400W**

4/15/2019	525083	200	0.14	28.00
7/23/2019	525407	300	0.14	42.00
<b>Total - SUPRA Q-01400LWL 1400W</b>		<b>500</b>		<b>70.00</b>

**SQ01400WL****SUPRA Q-01400WL 1000-1400W 230V**

7/23/2019	525407	100	0.14	14.00
12/5/2019	525728	100	0.14	14.00
<b>Total - SUPRA Q-01400WL 1000-1400W 230V</b>		<b>200</b>		<b>28.00</b>

**SQ01400WL4****SUPRA Q-1400WL4 1000-1400W 400V**

3/21/2019	524988	100	0.14	14.00
7/23/2019	525407	100	0.14	14.00
9/27/2019	525569	132	0.14	18.48
<b>Total - SUPRA Q-1400WL4 1000-1400W 400V</b>		<b>332</b>		<b>46.48</b>

**SQ01530R****SUPRA Q-01530R 1530W PIN**

12/5/2019	525729	50	0.14	7.00
<b>Total - SUPRA Q-01530R 1530W PIN</b>		<b>50</b>		<b>7.00</b>

**SQ03520PIJK**

## SUPRA Q-03520PIJK

4/15/2019	525083	700	0.02	14.00
5/14/2019	525210	500	0.02	10.00
6/19/2019	525317	500	0.02	10.00
7/25/2019	525424	330	0.02	6.60
12/4/2019	525723	260	0.02	5.20
12/5/2019	525729	500	0.02	10.00
Total - SUPRA Q-03520PIJK		2,790		55.80

## SQ04500SI

## SUPRA Q-04500SI 400-500 230V SI

4/15/2019	525083	600	0.02	12.00
5/14/2019	525210	300	0.02	6.00
12/5/2019	525729	500	0.02	10.00
Total - SUPRA Q-04500SI 400-500 230V SI		1,400		28.00

## SQ0600PIGYL

## SUPRA Q-0600PIGY-L 600W 230V PI

2/5/2019	524799	1,100	0.15	165.00
3/5/2019	524917	500	0.15	75.00
3/21/2019	524988	1,000	0.15	150.00
5/14/2019	525210	1,000	0.15	150.00
6/12/2019	525298	500	0.15	75.00
6/19/2019	525317	500	0.15	75.00
7/23/2019	525407	500	0.15	75.00
9/27/2019	525569	611	0.15	91.65
10/10/2019	525601	389	0.15	58.35
12/4/2019	525723	700	0.15	105.00
12/5/2019	525728	940	0.15	141.00
Total - SUPRA Q-0600PIGY-L 600W 230V PI		7,740		1,161.00

## SQ0600WL

## SUPRA Q-0600WL

12/5/2019	525729	100	0.22	22.00
Total - SUPRA Q-0600WL		100		22.00

## SQ0610LWL

## SUPRA Q-0610LWL

3/21/2019	524988	200	0.22	44.00
5/14/2019	525210	150	0.22	33.00
9/27/2019	525569	10	0.22	2.20
11/1/2019	525654	204	0.22	44.88
12/5/2019	525726	36	0.22	7.92
Total - SUPRA Q-0610LWL		600		132.00

## SQ06630R

## SUPRA Q-06630R 630W PIN

4/15/2019	525083	300	0.06	18.00
Total - SUPRA Q-06630R 630W PIN		300		18.00

## SQ0800SI

## SUPRA Q-0800SI

4/15/2019	525083	50	0.06	3.00
9/27/2019	525569	28	0.06	1.68
12/5/2019	525726	47	0.06	2.82
Total - SUPRA Q-0800SI		125		7.50

## SQ08100PIGYL

## SUPRA Q-08100PIGY-L 800-1000W

4/15/2019	525083	400	0.12	48.00
5/14/2019	525210	500	0.12	60.00
7/23/2019	525407	500	0.12	60.00
12/4/2019	525723	200	0.12	24.00
12/5/2019	525729	300	0.12	36.00
<b>Total - SUPRA Q-08100PIGY-L 800-1000W</b>		<b>1,900</b>		<b>228.00</b>
SQ0900PIGH				
SUPRA Q-0900PIGH				
4/15/2019	525083	200	0.50	100.00
<b>Total - SUPRA Q-0900PIGH</b>		<b>200</b>		<b>100.00</b>
<b>Total</b>		<b>76,693</b>		<b>8,469</b>