

Decorative Pendant

212 LED 2000
1900-2450 Lumen
Decorative Pendant



Specifier's Reference

Project
Type
Model No.
Comments

application

- Philips Omega Origins 212 LED pendant creates general lighting that offers a unique solution to reduce glare without compromising visual comfort. Intended for use in hospitality, corporate and retail environments that require more than the usual aesthetics and performance.

light engine

- Philips Omega mixing chamber/optical assembly: Remote phosphor technology provides increased efficiency and color stability by redirecting back reflected light. Phosphor lens assembly converts high brightness royal blue light into white light for an even, diffused pattern, eliminating bright spots often created by individual LEDs. This technology provides consistent, stable color with CCT color control of +/- 100K over the life of the light engine and provides 20% higher efficiency.
- LED Array: The LED Array consists of a metal core circuit board with 22 high brightness royal blue LEDs.
- Color: Available in three CCT options, 3000K, 3500K or 4000K with 80CRI +/-2%.
- Electrical: The power supply/driver features Advance Intelli-volt 120-277VAC 50/60hz, with 0-10V analog dimming capability. The power supply is overload and short circuit protected as well as thermally regulated to prevent overheating. Sound rating A. Refer to dimming compatibility spec sheet for complete details. Driver has rated lifetime of 50,000 hours.
- Lifetime/Lumen Maintenance: 50,000 hour lifetime at 70% lumen maintenance light engine.

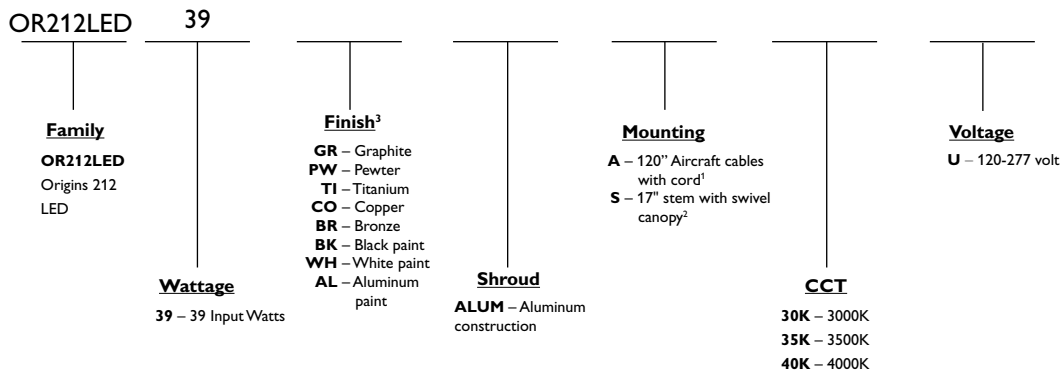
construction

- Thermal Management: A proprietary die-cast aluminum heat sink is designed to properly maintain junction temperatures in recessed Non-IC applications to provide reliable performance over the life of the light engine.
- Finish: Five metalized finishes and three paint finishes available.
- Housing: Housing is constructed of die cast aluminum, with a precision formed optic.
- Mounting: Two mounting methods available to suit any application. Aircraft cable mounting comes standard with 120 inches of aircraft cables and cord. Pendant mounting comes standard with a 17 inch stem and swivel canopy.

listings & warranty

- ETL, cUL Listed. (Suitable for wet location applications.)
- Photometric testing performed using IESNA - LM79 procedures. LED lifetime testing performed using IESNA - LM80 procedures.
- 5 year Warranty

Green Choice: OM212LED39GRALUMA35KU



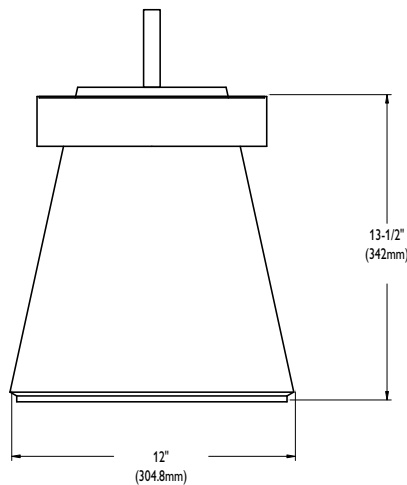
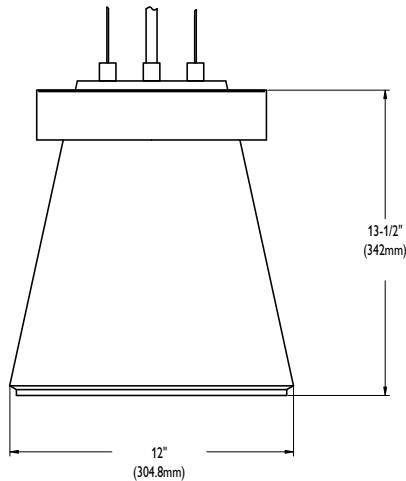
Footnotes

- Black cord standard, except on white painted finish.
- Add length following option for longer stems, example: S36
- Fixture finish is applied to all exterior parts.

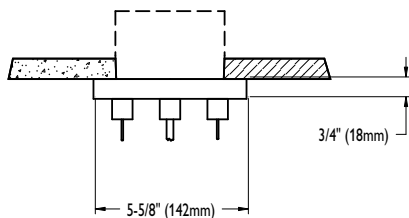
energy data

Input Voltage	Input Current	Drive Current	Input Power	LED Power	THD %	Power Factor
120	0.36	350mA	39	35.4	<10%	>0.9
277	0.17	520mA	39	35.4	<10%	>0.9

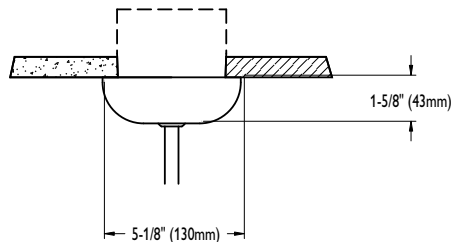
dimensions



suspension mount



canopy mount



finishes

Five different metalized finishes and three textured paint finishes are available for the hardware on the Omega Origins 212 collection. The same subtle irregularities that one would find in a natural stone are what make Origins finishes look and feel real. Real metal is mechanically bonded to the surface of the hardware, reproducing a unique, natural look.



copper



bronze



graphite



titanium



pewter



black paint



aluminum



white paint

photometrics

OR212LED39ALUM30K

Tested to LM-79 standards.

Clear Specular Reflector Test No. 29247 S/MH (0 degree plane) 1.1 Lamp Type (1) 22 Royal Blue LEDs Fixture Lumens 1624 IES File F29247 Input Watts 39 Driver ADVANCE LED-INTA-0520C-80-DB Luminaire Efficacy 42 LPW <hr/> Comp Yearly Energy Cost at \$0.08/KWh = \$5.71	Candle Power <table border="1"> <thead> <tr> <th>Degrees</th> <th>At 0°</th> <th>At 45°</th> <th>At 90°</th> </tr> </thead> <tbody> <tr><td>0</td><td>1215</td><td>1215</td><td>1215</td></tr> <tr><td>5</td><td>1209</td><td>1210</td><td>1210</td></tr> <tr><td>15</td><td>1167</td><td>1167</td><td>1168</td></tr> <tr><td>25</td><td>1077</td><td>1072</td><td>1069</td></tr> <tr><td>35</td><td>589</td><td>574</td><td>577</td></tr> <tr><td>45</td><td>196</td><td>189</td><td>187</td></tr> <tr><td>55</td><td>121</td><td>113</td><td>112</td></tr> <tr><td>65</td><td>61</td><td>56</td><td>56</td></tr> <tr><td>75</td><td>20</td><td>18</td><td>17</td></tr> <tr><td>85</td><td>3</td><td>2</td><td>3</td></tr> </tbody> </table>	Degrees	At 0°	At 45°	At 90°	0	1215	1215	1215	5	1209	1210	1210	15	1167	1167	1168	25	1077	1072	1069	35	589	574	577	45	196	189	187	55	121	113	112	65	61	56	56	75	20	18	17	85	3	2	3	Average Luminance (Cd/sq. meter) <table border="1"> <thead> <tr> <th>Zone</th> <th>End</th> <th>45</th> <th>Cross</th> </tr> </thead> <tbody> <tr><td>45</td><td>5470</td><td>5275</td><td>5219</td></tr> <tr><td>55</td><td>4163</td><td>3888</td><td>3854</td></tr> <tr><td>65</td><td>2849</td><td>2615</td><td>2615</td></tr> <tr><td>75</td><td>1525</td><td>1373</td><td>1296</td></tr> <tr><td>85</td><td>679</td><td>453</td><td>679</td></tr> </tbody> </table>	Zone	End	45	Cross	45	5470	5275	5219	55	4163	3888	3854	65	2849	2615	2615	75	1525	1373	1296	85	679	453	679																																				
		Degrees	At 0°	At 45°	At 90°																																																																																																					
		0	1215	1215	1215																																																																																																					
		5	1209	1210	1210																																																																																																					
		15	1167	1167	1168																																																																																																					
		25	1077	1072	1069																																																																																																					
		35	589	574	577																																																																																																					
		45	196	189	187																																																																																																					
		55	121	113	112																																																																																																					
		65	61	56	56																																																																																																					
75	20	18	17																																																																																																							
85	3	2	3																																																																																																							
Zone	End	45	Cross																																																																																																							
45	5470	5275	5219																																																																																																							
55	4163	3888	3854																																																																																																							
65	2849	2615	2615																																																																																																							
75	1525	1373	1296																																																																																																							
85	679	453	679																																																																																																							
Coefficients of Utilization <table border="1"> <thead> <tr> <th rowspan="2">pcc</th> <th colspan="2">80</th> <th colspan="2">70</th> <th colspan="2">50</th> </tr> <tr> <th>50</th> <th>30</th> <th>50</th> <th>30</th> <th>50</th> <th>30</th> </tr> </thead> <tbody> <tr><td>pw</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>RCR</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>0</td><td>118</td><td>118</td><td>118</td><td>115</td><td>115</td><td>115</td></tr> <tr><td>1</td><td>112</td><td>109</td><td>106</td><td>110</td><td>107</td><td>104</td></tr> <tr><td>2</td><td>105</td><td>100</td><td>94</td><td>103</td><td>97</td><td>93</td></tr> <tr><td>3</td><td>98</td><td>91</td><td>84</td><td>96</td><td>90</td><td>83</td></tr> <tr><td>4</td><td>93</td><td>83</td><td>77</td><td>91</td><td>82</td><td>77</td></tr> <tr><td>5</td><td>86</td><td>78</td><td>70</td><td>84</td><td>77</td><td>69</td></tr> <tr><td>6</td><td>81</td><td>71</td><td>65</td><td>81</td><td>70</td><td>64</td></tr> <tr><td>7</td><td>77</td><td>67</td><td>59</td><td>76</td><td>66</td><td>58</td></tr> <tr><td>8</td><td>72</td><td>61</td><td>55</td><td>71</td><td>61</td><td>55</td></tr> <tr><td>9</td><td>68</td><td>57</td><td>52</td><td>68</td><td>57</td><td>51</td></tr> <tr><td>10</td><td>65</td><td>55</td><td>47</td><td>64</td><td>54</td><td>47</td></tr> </tbody> </table>			pcc	80		70		50		50	30	50	30	50	30	pw							RCR							0	118	118	118	115	115	115	1	112	109	106	110	107	104	2	105	100	94	103	97	93	3	98	91	84	96	90	83	4	93	83	77	91	82	77	5	86	78	70	84	77	69	6	81	71	65	81	70	64	7	77	67	59	76	66	58	8	72	61	55	71	61	55	9	68	57	52	68	57	51	10	65	55	47	64	54	47
pcc	80			70		50																																																																																																				
	50	30	50	30	50	30																																																																																																				
pw																																																																																																										
RCR																																																																																																										
0	118	118	118	115	115	115																																																																																																				
1	112	109	106	110	107	104																																																																																																				
2	105	100	94	103	97	93																																																																																																				
3	98	91	84	96	90	83																																																																																																				
4	93	83	77	91	82	77																																																																																																				
5	86	78	70	84	77	69																																																																																																				
6	81	71	65	81	70	64																																																																																																				
7	77	67	59	76	66	58																																																																																																				
8	72	61	55	71	61	55																																																																																																				
9	68	57	52	68	57	51																																																																																																				
10	65	55	47	64	54	47																																																																																																				

OM212LED39ALUM35K

Tested to LM-79 standards.

Clear Specular Reflector Test No. 29248 S/MH (0 degree plane) 1.2 Lamp Type (1) 22 Royal Blue LEDs Total Fixture Lumens 1765 IES File F29248 Input Watts 39 Driver ADVANCE LED-INTA-0520C-80-DB Luminaire Efficacy 45 LPW <hr/> Comp Yearly Energy Cost at \$0.08/KWh = \$5.33	Candle Power <table border="1"> <thead> <tr> <th>Degrees</th> <th>At 0°</th> <th>At 45°</th> <th>At 90°</th> </tr> </thead> <tbody> <tr><td>0</td><td>1291</td><td>1291</td><td>1291</td></tr> <tr><td>5</td><td>1284</td><td>1286</td><td>1289</td></tr> <tr><td>15</td><td>1245</td><td>1247</td><td>1251</td></tr> <tr><td>25</td><td>1154</td><td>1101</td><td>1108</td></tr> <tr><td>35</td><td>636</td><td>630</td><td>626</td></tr> <tr><td>45</td><td>220</td><td>239</td><td>235</td></tr> <tr><td>55</td><td>133</td><td>123</td><td>125</td></tr> <tr><td>65</td><td>66</td><td>62</td><td>63</td></tr> <tr><td>75</td><td>24</td><td>25</td><td>25</td></tr> <tr><td>85</td><td>2</td><td>2</td><td>1</td></tr> </tbody> </table>	Degrees	At 0°	At 45°	At 90°	0	1291	1291	1291	5	1284	1286	1289	15	1245	1247	1251	25	1154	1101	1108	35	636	630	626	45	220	239	235	55	133	123	125	65	66	62	63	75	24	25	25	85	2	2	1	Average Luminance (Cd/sq. meter) <table border="1"> <thead> <tr> <th>Zone</th> <th>End</th> <th>45</th> <th>Cross</th> </tr> </thead> <tbody> <tr><td>45</td><td>6140</td><td>6670</td><td>6559</td></tr> <tr><td>55</td><td>4576</td><td>4232</td><td>4301</td></tr> <tr><td>65</td><td>3082</td><td>2895</td><td>2942</td></tr> <tr><td>75</td><td>1830</td><td>1906</td><td>1906</td></tr> <tr><td>85</td><td>453</td><td>453</td><td>226</td></tr> </tbody> </table>	Zone	End	45	Cross	45	6140	6670	6559	55	4576	4232	4301	65	3082	2895	2942	75	1830	1906	1906	85	453	453	226																																				
		Degrees	At 0°	At 45°	At 90°																																																																																																					
		0	1291	1291	1291																																																																																																					
		5	1284	1286	1289																																																																																																					
		15	1245	1247	1251																																																																																																					
		25	1154	1101	1108																																																																																																					
		35	636	630	626																																																																																																					
		45	220	239	235																																																																																																					
		55	133	123	125																																																																																																					
		65	66	62	63																																																																																																					
75	24	25	25																																																																																																							
85	2	2	1																																																																																																							
Zone	End	45	Cross																																																																																																							
45	6140	6670	6559																																																																																																							
55	4576	4232	4301																																																																																																							
65	3082	2895	2942																																																																																																							
75	1830	1906	1906																																																																																																							
85	453	453	226																																																																																																							
Coefficients of Utilization <table border="1"> <thead> <tr> <th rowspan="2">pcc</th> <th colspan="2">80</th> <th colspan="2">70</th> <th colspan="2">50</th> </tr> <tr> <th>50</th> <th>30</th> <th>50</th> <th>30</th> <th>50</th> <th>30</th> </tr> </thead> <tbody> <tr><td>pw</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>RCR</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>0</td><td>118</td><td>118</td><td>118</td><td>115</td><td>115</td><td>115</td></tr> <tr><td>1</td><td>112</td><td>109</td><td>106</td><td>110</td><td>107</td><td>104</td></tr> <tr><td>2</td><td>105</td><td>98</td><td>94</td><td>103</td><td>97</td><td>93</td></tr> <tr><td>3</td><td>98</td><td>91</td><td>84</td><td>95</td><td>89</td><td>83</td></tr> <tr><td>4</td><td>93</td><td>83</td><td>77</td><td>91</td><td>81</td><td>76</td></tr> <tr><td>5</td><td>86</td><td>77</td><td>69</td><td>84</td><td>76</td><td>69</td></tr> <tr><td>6</td><td>81</td><td>70</td><td>64</td><td>80</td><td>69</td><td>64</td></tr> <tr><td>7</td><td>77</td><td>66</td><td>58</td><td>75</td><td>65</td><td>58</td></tr> <tr><td>8</td><td>72</td><td>61</td><td>55</td><td>70</td><td>60</td><td>54</td></tr> <tr><td>9</td><td>68</td><td>57</td><td>51</td><td>67</td><td>56</td><td>51</td></tr> <tr><td>10</td><td>65</td><td>54</td><td>46</td><td>64</td><td>54</td><td>46</td></tr> </tbody> </table>			pcc	80		70		50		50	30	50	30	50	30	pw							RCR							0	118	118	118	115	115	115	1	112	109	106	110	107	104	2	105	98	94	103	97	93	3	98	91	84	95	89	83	4	93	83	77	91	81	76	5	86	77	69	84	76	69	6	81	70	64	80	69	64	7	77	66	58	75	65	58	8	72	61	55	70	60	54	9	68	57	51	67	56	51	10	65	54	46	64	54	46
pcc	80			70		50																																																																																																				
	50	30	50	30	50	30																																																																																																				
pw																																																																																																										
RCR																																																																																																										
0	118	118	118	115	115	115																																																																																																				
1	112	109	106	110	107	104																																																																																																				
2	105	98	94	103	97	93																																																																																																				
3	98	91	84	95	89	83																																																																																																				
4	93	83	77	91	81	76																																																																																																				
5	86	77	69	84	76	69																																																																																																				
6	81	70	64	80	69	64																																																																																																				
7	77	66	58	75	65	58																																																																																																				
8	72	61	55	70	60	54																																																																																																				
9	68	57	51	67	56	51																																																																																																				
10	65	54	46	64	54	46																																																																																																				

OM212LED39ALUM40K

Tested to LM-79 standards.

Clear Specular Reflector Test No. 29249 S/MH (0 degree plane) 1.1 Lamp Type (1) 22 Royal Blue LEDs Total Fixture Lumens 1902 IES File F29249 Input Watts 39 Driver ADVANCE LED-INTA-0520C-80-DB Luminaire Efficacy 49 LPW <hr/> Comp Yearly Energy Cost at \$0.08/KWh = \$4.90	Candle Power <table border="1"> <thead> <tr> <th>Degrees</th> <th>At 0°</th> <th>At 45°</th> <th>At 90°</th> </tr> </thead> <tbody> <tr><td>0</td><td>1417</td><td>1417</td><td>1417</td></tr> <tr><td>5</td><td>1410</td><td>1411</td><td>1412</td></tr> <tr><td>15</td><td>1360</td><td>1364</td><td>1366</td></tr> <tr><td>25</td><td>1251</td><td>1252</td><td>1260</td></tr> <tr><td>35</td><td>677</td><td>667</td><td>674</td></tr> <tr><td>45</td><td>220</td><td>223</td><td>228</td></tr> <tr><td>55</td><td>132</td><td>133</td><td>137</td></tr> <tr><td>65</td><td>65</td><td>66</td><td>68</td></tr> <tr><td>75</td><td>21</td><td>22</td><td>23</td></tr> <tr><td>85</td><td>3</td><td>3</td><td>3</td></tr> </tbody> </table>	Degrees	At 0°	At 45°	At 90°	0	1417	1417	1417	5	1410	1411	1412	15	1360	1364	1366	25	1251	1252	1260	35	677	667	674	45	220	223	228	55	132	133	137	65	65	66	68	75	21	22	23	85	3	3	3	Average Luminance (Cd/sq. meter) <table border="1"> <thead> <tr> <th>Zone</th> <th>End</th> <th>45</th> <th>Cross</th> </tr> </thead> <tbody> <tr><td>45</td><td>6140</td><td>6224</td><td>6363</td></tr> <tr><td>55</td><td>4542</td><td>4576</td><td>4714</td></tr> <tr><td>65</td><td>3035</td><td>3082</td><td>3175</td></tr> <tr><td>75</td><td>1601</td><td>1678</td><td>1754</td></tr> <tr><td>85</td><td>679</td><td>679</td><td>679</td></tr> </tbody> </table>	Zone	End	45	Cross	45	6140	6224	6363	55	4542	4576	4714	65	3035	3082	3175	75	1601	1678	1754	85	679	679	679																																				
		Degrees	At 0°	At 45°	At 90°																																																																																																					
		0	1417	1417	1417																																																																																																					
		5	1410	1411	1412																																																																																																					
		15	1360	1364	1366																																																																																																					
		25	1251	1252	1260																																																																																																					
		35	677	667	674																																																																																																					
		45	220	223	228																																																																																																					
		55	132	133	137																																																																																																					
		65	65	66	68																																																																																																					
75	21	22	23																																																																																																							
85	3	3	3																																																																																																							
Zone	End	45	Cross																																																																																																							
45	6140	6224	6363																																																																																																							
55	4542	4576	4714																																																																																																							
65	3035	3082	3175																																																																																																							
75	1601	1678	1754																																																																																																							
85	679	679	679																																																																																																							
Coefficients of Utilization <table border="1"> <thead> <tr> <th rowspan="2">pcc</th> <th colspan="2">80</th> <th colspan="2">70</th> <th colspan="2">50</th> </tr> <tr> <th>50</th> <th>30</th> <th>50</th> <th>30</th> <th>50</th> <th>30</th> </tr> </thead> <tbody> <tr><td>pw</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>RCR</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>0</td><td>118</td><td>118</td><td>118</td><td>115</td><td>115</td><td>115</td></tr> <tr><td>1</td><td>112</td><td>109</td><td>106</td><td>110</td><td>107</td><td>104</td></tr> <tr><td>2</td><td>105</td><td>100</td><td>94</td><td>103</td><td>97</td><td>93</td></tr> <tr><td>3</td><td>98</td><td>91</td><td>84</td><td>96</td><td>90</td><td>83</td></tr> <tr><td>4</td><td>93</td><td>83</td><td>77</td><td>91</td><td>82</td><td>77</td></tr> <tr><td>5</td><td>86</td><td>78</td><td>70</td><td>84</td><td>77</td><td>69</td></tr> <tr><td>6</td><td>81</td><td>71</td><td>65</td><td>81</td><td>70</td><td>64</td></tr> <tr><td>7</td><td>77</td><td>67</td><td>59</td><td>76</td><td>66</td><td>58</td></tr> <tr><td>8</td><td>72</td><td>61</td><td>55</td><td>71</td><td>61</td><td>55</td></tr> <tr><td>9</td><td>68</td><td>57</td><td>52</td><td>68</td><td>57</td><td>51</td></tr> <tr><td>10</td><td>65</td><td>55</td><td>47</td><td>64</td><td>54</td><td>47</td></tr> </tbody> </table>			pcc	80		70		50		50	30	50	30	50	30	pw							RCR							0	118	118	118	115	115	115	1	112	109	106	110	107	104	2	105	100	94	103	97	93	3	98	91	84	96	90	83	4	93	83	77	91	82	77	5	86	78	70	84	77	69	6	81	71	65	81	70	64	7	77	67	59	76	66	58	8	72	61	55	71	61	55	9	68	57	52	68	57	51	10	65	55	47	64	54	47
pcc	80			70		50																																																																																																				
	50	30	50	30	50	30																																																																																																				
pw																																																																																																										
RCR																																																																																																										
0	118	118	118	115	115	115																																																																																																				
1	112	109	106	110	107	104																																																																																																				
2	105	100	94	103	97	93																																																																																																				
3	98	91	84	96	90	83																																																																																																				
4	93	83	77	91	82	77																																																																																																				
5	86	78	70	84	77	69																																																																																																				
6	81	71	65	81	70	64																																																																																																				
7	77	67	59	76	66	58																																																																																																				
8	72	61	55	71	61	55																																																																																																				
9	68	57	52	68	57	51																																																																																																				
10	65	55	47	64	54	47																																																																																																				



©2011 Philips Omega
 All rights reserved.
 776 South Green Street • Tupelo, MS 38804
 p. 800.234.1890 • f. 662.841.5501
 www.omegalighting.com
 Canadian Division
 189 Bullock Drive • Markham, Ontario L3P 1W4
 p. 905.294.9570 • f. 905.294.9811

Contact Factory for Additional Configurations.
 Specifications are subject to change without notice.
 Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled, "Contain Mercury" and/or the symbol "HG". Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at www.lamprecycle.org

