



Photometric Report

Number of lamps: 1
 Lumens per lamp: 8500.00
 Input watts: 110.00
 Distribution: Direct
 Efficiency: 55.5
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 0.964
 90-270 Axis: 0.962
 Height: 0.000
 Spacing Criteria (0): 1.39
 Spacing Criteria (90): 1.44
 Spacing Criteria (Four Luminaires): 1.53

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	1477	17	31
0-40	2456	29	52
0-60	4162	49	88
0-90	4716	55	100
90-120	1	0	0
90-150	1	0	0
90-180	1	0	0
0-180	4717	55	100

Total Luminaire Efficiency = 55%

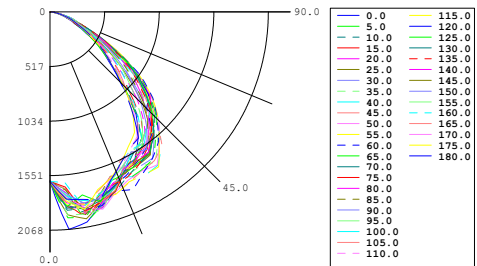
Luminance Data in candela/square meter

	0.0	45.0	90.0	135.0	180.0
0.0	18632	18632	18632	18632	18632
45.0	15444	23137	22048	22248	15501
55.0	11539	19133	18730	18546	12031
65.0	6998	12007	10589	12070	8207
75.0	4720	4865	7985	5704	5811
85.0	2655	3272	3351	3413	2771

Coefficients of Utilization

pfc= 0.20

pcc-	0.80			0.70			0.50			0.30			0.10			0.0		
pw->0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.0	
RCR																		
0	66	66	66	65	65	65	65	62	62	62	59	59	59	57	57	57	56	
1	62	59	57	55	60	58	56	54	56	54	53	54	52	51	52	51	50	49
2	57	52	49	46	55	51	48	46	50	47	45	48	46	44	46	44	43	42
3	52	47	43	39	51	46	42	39	44	41	38	43	40	38	41	39	37	36
4	48	42	37	34	47	41	37	33	40	36	33	38	35	33	37	34	32	31
5	44	37	33	29	43	37	32	29	36	32	29	35	31	28	34	31	28	27
6	41	34	29	26	40	33	29	26	32	28	25	31	28	25	31	27	25	24
7	38	31	26	23	37	30	26	23	29	25	23	29	25	22	28	25	22	21
8	35	28	23	20	34	28	23	20	27	23	20	26	23	20	26	22	20	19
9	33	26	21	18	32	25	21	18	25	21	18	24	21	18	24	20	18	17
10	31	24	19	17	30	23	19	17	23	19	17	22	19	16	22	19	16	15





H3100M9

Candela Distribution

	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0	150.0	155.0	160.0	165.0	170.0	175.0	180.0	
0.0	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605
5.0	2068	1687	1857	1823	1718	1929	1747	1926	1778	1683	1862	1834	1842	1958	1886	1665	1815	1695	1774	1741	1750	1773	1855	1769	1815	1851	1867	1784	1832	1847	1724	1779	1624	1825	1761	1800	1780	
10.0	2021	2014	1927	1976	1941	1991	1916	1946	1912	1930	1887	1902	1900	1969	1885	1916	1859	1897	1838	1817	1815	1900	1888	1857	1846	1761	1859	1856	1878	1950	1837	1897	1867	1843	1880	1898	1804	
15.0	1878	1896	1921	1848	1918	1863	1901	1938	1854	1855	1934	1839	1901	1789	1851	1863	1884	1846	1841	1852	1839	1864	1835	1839	1824	1860	1829	1784	1806	1798	1827	1794	1792	1759	1836	1743	1836	
20.0	1764	1765	1792	1728	1764	1778	1752	1742	1759	1831	1814	1836	1804	1763	1810	1810	1731	1807	1764	1758	1782	1798	1752	1767	1760	1701	1770	1742	1736	1661	1682	1699	1708	1666	1665	1678	1691	
25.0	1642	1673	1666	1668	1679	1672	1668	1711	1725	1778	1756	1775	1856	1747	1724	1664	1690	1639	1668	1636	1653	1643	1675	1667	1709	1686	1665	1729	1646	1688	1626	1617	1575	1564	1606	1583	1583	
30.0	1608	1611	1563	1620	1623	1672	1693	1693	1791	1739	1739	1780	1763	1731	1669	1643	1578	1594	1526	1537	1548	1539	1610	1616	1644	1658	1669	1677	1624	1629	1533	1531	1518	1501	1511	1479	1494	
35.0	1455	1532	1498	1545	1565	1656	1692	1736	1777	1722	1770	1794	1694	1702	1644	1625	1600	1504	1523	1500	1549	1565	1578	1593	1582	1637	1627	1596	1625	1647	1594	1527	1518	1452	1439	1394	1460	
40.0	1268	1264	1291	1346	1391	1480	1531	1586	1644	1649	1607	1604	1600	1555	1524	1493	1448	1426	1414	1432	1425	1478	1456	1499	1503	1519	1533	1518	1480	1439	1425	1356	1298	1283	1233	1207	1200	
45.0	940	979	1004	1056	1166	1245	1292	1342	1390	1409	1457	1454	1431	1431	1403	1351	1357	1354	1343	1326	1338	1338	1314	1375	1293	1373	1362	1355	1287	1276	1218	1139	1067	1007	986	978	944	
50.0	724	727	767	831	873	958	1010	1080	1164	1202	1252	1264	1271	1230	1218	1232	1236	1181	1193	1165	1180	1138	1177	1195	1218	1177	1161	1122	1077	1032	989	930	888	833	794	746	743	
55.0	570	553	596	619	672	723	792	840	896	945	1007	1020	1039	1016	991	956	951	928	925	909	876	915	934	959	960	979	954	916	872	837	779	744	686	647	612	588	594	
60.0	382	392	386	426	461	494	557	598	647	691	708	725	691	669	655	637	625	605	579	603	592	611	644	651	681	665	687	668	652	594	574	535	493	465	429	409	432	
65.0	255	254	245	268	282	309	341	376	411	437	437	438	430	399	386	394	381	397	385	364	390	368	389	391	406	428	446	439	416	393	361	346	318	306	294	302	299	
70.0	173	169	177	165	173	172	179	199	206	220	211	212	219	233	255	262	257	283	279	275	269	261	257	252	228	232	231	231	216	215	211	206	211	205	214	205	214	
75.0	105	110	111	113	117	116	106	116	114	108	123	130	136	145	161	169	171	184	178	183	179	172	160	152	146	133	136	127	131	129	132	131	137	131	136	129	130	
80.0	50	45	54	55	55	54	55	58	56	54	57	58	58	67	67	67	77	81	70	69	69	71	72	66	70	69	64	67	56	57	61	60	57	59	56	55	60	
85.0	20	20	21	24	25	22	23	26	24	25	20	24	24	28	25	24	27	23	25	21	24	26	27	26	24	26	25	26	25	23	26	28	21	23	24	24	21	
90.0	2	1	2	2	2	2	3	2	2	2	2	3	3	2	2	4	2	1	1	3	2	3	3	3	3	3	4	3	2	4	3	3	2	2	2	2	2	
95.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0