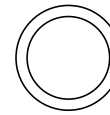
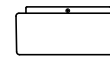




EUREKA

Helios



Fixture #3202

3202-WH-G9

One 60w G9 Halogen 120V

Photometric Report

Number of lamps:	1
Lumens per lamp:	820.00
Input watts:	60.00
Distribution:	Semi-Direct
Efficiency:	85.0
Photometric type:	C
Luminous shape:	Rectangle
Units:	Feet
Luminous Dimensions:	
0-180 Axis:	0.672
90-270 Axis:	0.672
Height:	0.306
Spacing Criteria (0):	1.49
Spacing Criteria (90):	1.52
Spacing Criteria (Four Luminaires):	1.67

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	74	9	11
0-40	126	15	18
0-60	254	31	36
0-90	448	55	64
90-120	145	18	21
90-150	228	28	33
90-180	249	30	36
0-180	697	85	100

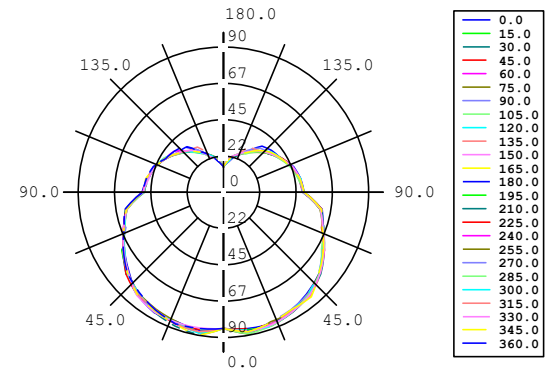
Total Luminaire Efficiency = 85%

Luminance Data in candela/square meter

	0.0	45.0	90.0	135.0	180.0	225.0	270.0	315.0
0.0	2009	2009	2009	2009	2009	2009	2009	2009
45.0	1835	1635	1862	1655	1842	1659	1839	1632
55.0	1876	1607	1879	1618	1850	1612	1859	1618
65.0	1950	1614	1939	1619	1942	1607	1949	1618
75.0	2169	1712	2133	1715	2161	1709	2180	1713
85.0	2462	1813	2437	1809	2458	1809	2438	1825

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	94	94	94	94	88	88	88	88	78	78	78	68	68	68	59	59	59	55	
1	82	77	72	68	77	72	68	64	63	59	56	54	52	49	46	45	43	39	
2	74	65	59	53	68	61	55	50	53	48	44	46	42	39	39	36	33	30	
3	66	56	49	42	61	53	46	40	46	40	36	39	35	31	33	30	27	24	
4	60	49	41	35	56	46	39	33	40	34	29	34	30	26	29	25	22	19	
5	55	43	35	29	51	41	33	28	35	29	25	31	26	22	26	22	19	16	
6	50	39	31	25	47	36	29	24	32	26	21	27	22	19	23	19	16	14	
7	47	35	27	22	43	33	26	21	29	23	18	25	20	16	21	17	14	12	
8	43	31	24	19	40	30	23	18	26	20	16	23	18	14	19	15	13	10	
9	40	29	22	17	37	27	20	16	24	18	14	21	16	13	18	14	11	9	
10	37	26	19	15	35	25	18	14	22	16	13	19	15	11	17	13	10	8	



Candela Distribution

	0.0	15.0	30.0	45.0	60.0	75.0	90.0	105.0	120.0	135.0	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0	300.0	315.0	330.0	345.0	360.0
0.0	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84
10.0	85	86	87	86	88	89	88	89	86	87	87	88	87	87	89	86	88	88	88	86	88	88	85	90	85
20.0	87	88	88	86	86	85	85	88	88	87	87	86	85	86	88	87	87	85	85	86	86	87	86	87	87
30.0	84	85	86	85	85	85	84	85	85	85	85	84	86	85	85	84	85	83	85	85	85	84	86	85	84
40.0	81	82	83	82	83	81	82	82	82	84	83	84	83	82	82	83	82	82	83	82	81	82	83	83	81
50.0	77	78	79	77	78	78	77	78	77	78	77	78	76	77	79	79	77	77	77	77	78	77	77	77	77
60.0	71	71	72	72	72	71	71	70	71	71	71	72	71	72	72	71	72	71	72	71	70	71	71	72	71
70.0	65	66	66	65	65	65	66	65	66	65	65	65	65	65	65	66	66	65	64	65	65	65	66	66	65
80.0	62	61	61	62	61	61	62	61	61	61	61	61	61	61	62	61	61	60	61	61	61	61	60	61	62
90.0	50	50	50	50	49	49	49	49	49	49	50	50	50	49	49	50	50	49	50	49	49	49	50	50	50
100.0	48	48	48	48	47	47	48	47	49	48	48	48	48	48	47	48	48	48	48	48	48	48	47	49	48
110.0	46	45	45	46	46	45	44	44	45	45	46	45	46	45	45	45	45	45	45	45	45	45	45	45	46
120.0	41	41	42	42	41	41	41	41	42	41	41	41	41	42	41	42	42	41	42	42	42	42	41	42	41
130.0	40	37	37	38	37	37	38	37	39	38	37	38	38	37	37	37	40	37	37	37	37	37	38	37	40
140.0	37	33	34	33	33	32	36	33	33	34	34	34	34	33	33	33	33	33	36	32	33	33	34	33	37
150.0	29	28	28	28	28	28	30	27	29	32	29	28	29	28	29	28	29	28	30	28	28	32	29	29	29
160.0	24	24	24	24	24	25	24	25	25	25	25	25	24	24	24	25	24	25	23	23	25	25	23	25	24
170.0	19	20	21	21	20	22	21	22	20	22	22	21	20	20	21	21	20	21	21	22	21	20	20	20	19
180.0	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16