



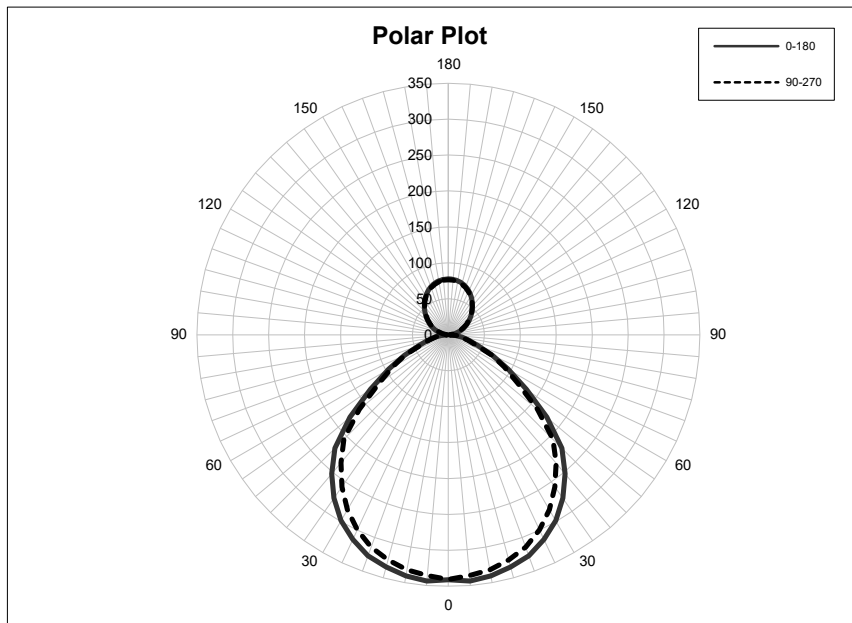
Company Whitecroft Lighting
Test Report Number 12428
Luminaire name City Edge Suspended. 2x1ft light engines in parallel. Glare compliant
Lamp ID NA
File Name 12428lu1
Date / User 14/11/2022 PA

Length/diameter of luminaire	1154 mm	Number of standard sets of lamps	1
Width of luminaire	295 mm	Number of lamps	1
Height of luminaire	58 mm	Type of lamp(s)	LED
Length/diameter of horizontal luminous area	1120 mm	Total luminous flux	5475 lm
Width of horizontal luminous area	263 mm	Colour temperature	4000k
Height of verticle luminous area C0, C180 planes	0 0 mm	Colour rendering group	1
Height of verticle luminous area C90, C270 planes	0 0 mm	Wattage, including ballast	50.7 w

Room Reflectance			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.611	0.691	0.755	0.800	0.860	0.900	0.928	0.964	0.988
0.70	0.30	0.20	0.547	0.627	0.694	0.742	0.810	0.855	0.887	0.930	0.959
0.70	0.10	0.20	0.500	0.579	0.647	0.698	0.768	0.816	0.852	0.901	0.933
0.50	0.50	0.20	0.577	0.649	0.706	0.746	0.799	0.834	0.858	0.890	0.910
0.50	0.30	0.20	0.523	0.596	0.657	0.700	0.759	0.798	0.826	0.863	0.887
0.50	0.10	0.20	0.483	0.555	0.618	0.663	0.725	0.768	0.798	0.840	0.867
0.30	0.50	0.20	0.547	0.610	0.662	0.697	0.744	0.773	0.794	0.821	0.838
0.30	0.30	0.20	0.501	0.566	0.622	0.660	0.712	0.746	0.769	0.801	0.821
0.30	0.10	0.20	0.466	0.532	0.590	0.630	0.685	0.721	0.748	0.783	0.805
0.00	0.00	0.00	0.429	0.487	0.538	0.572	0.618	0.648	0.670	0.698	0.716

LOR 100.0 %
 DLOR 79.8 %
 ULOR 20.2 %
 DFF 79.8 %
 SHR NOM 1.50
 SHR MAX 1.63
 SHR TR MAX 1.96
 British Zonal Class BZ2
 Max Luminance >=65 Deg 2996 cd/m2
 Conversion Factor 1.000

G / C	Trns	30	60	Axial
0	340.7	340.7	340.7	340.7
5	344.2	341.4	338.1	336.3
10	340.7	337.8	333.8	331.9
15	334.3	331.8	326.9	324.4
20	327.1	321.9	315.8	314.4
25	314.4	309.9	301.4	299.5
30	298.7	293.7	284.4	281.1
35	277.3	273.7	264.0	258.2
40	252.7	249.3	239.1	232.8
45	223.4	218.2	209.4	205.7
50	178.5	177.7	171.7	161.8
55	132.5	118.1	115.7	118.4
60	96.1	76.9	70.5	89.6
65	67.7	53.9	50.2	66.7
70	43.3	40.4	40.4	38.8
75	28.7	26.5	26.5	27.7
80	19.2	19.7	19.7	17.4
85	10.2	13.4	13.1	9.7
90	2.1	2.4	1.8	1.4





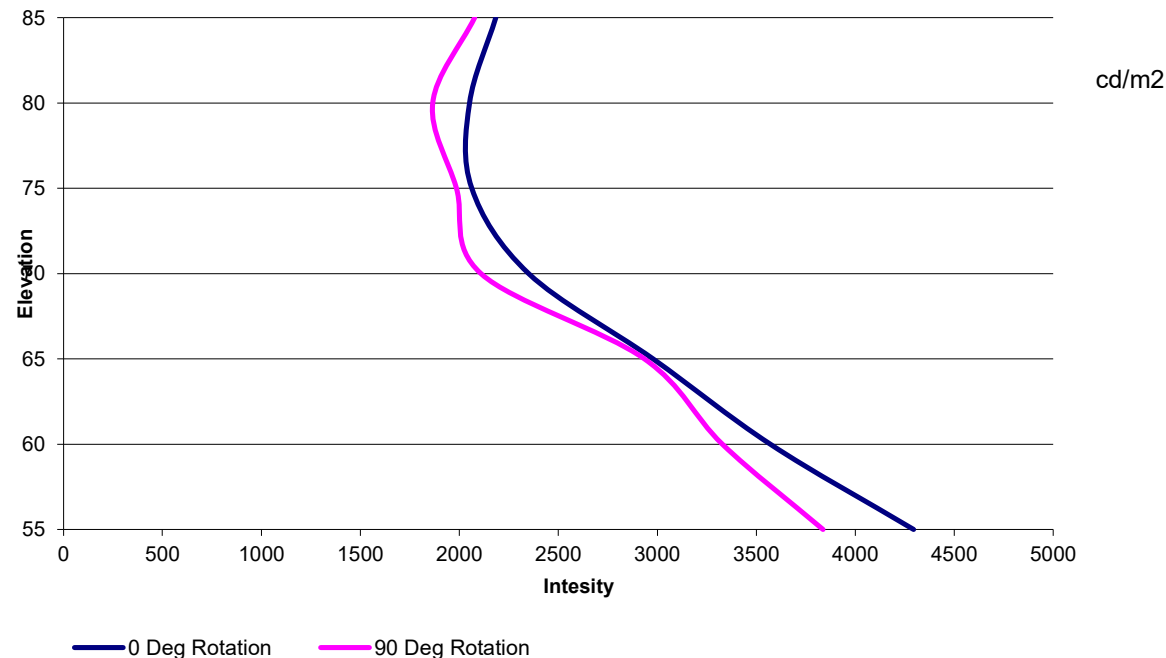
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Test Report Number 12428
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Maximum Value related to Lamp used 0

Rotation Elevation	Values in cd/m2											
	0	15	30	45	60	75	90	105	120	135	150	165
55	4294	4279	4012	3052	3756	3920	3836	3794	3740	2947	3638	4073
60	3571	3374	2921	2615	2652	3009	3329	3130	2587	2457	2796	3011
65	2978	2734	2344	2325	2235	2481	2935	2725	2180	2317	2397	2495
70	2350	2341	2242	1788	2185	1923	2110	2381	2201	1805	2151	2031
75	2062	2084	2008	1833	1994	1861	1986	2084	1810	1798	1794	1860
80	2051	1957	2117	2084	2138	1758	1865	1957	2078	1831	2092	1971
85	2184	1971	2917	2024	2996	2064	2077	1998	2598	1932	2783	2064

Rotation Elevation	180	195	210	225	240	255	270	285	300	315	330	345
	55	4294	4279	4012	3052	3756	3920	3836	3794	3740	2947	3638
60	3571	3374	2921	2615	2652	3009	3329	3130	2587	2457	2796	3011
65	2978	2734	2344	2325	2235	2481	2935	2725	2180	2317	2397	2495
70	2350	2341	2242	1788	2185	1923	2110	2381	2201	1805	2151	2031
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Maximum Value 2996 Lumens / Watt 108



Power Consumption against Stated #####