

PFX-3120

LED WALL PACK



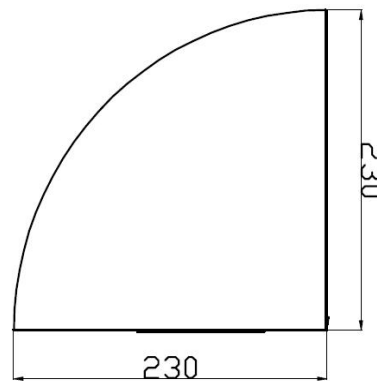
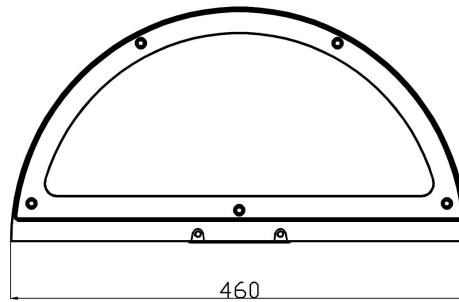
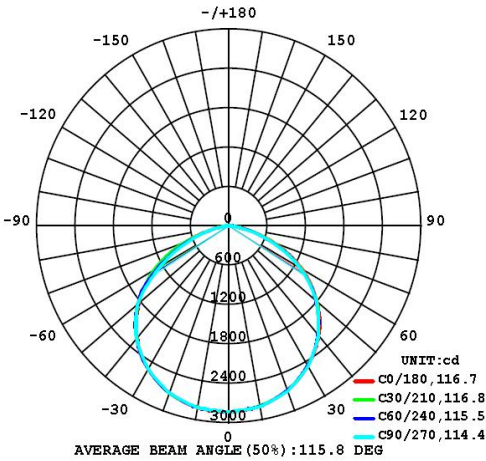
DESCRIPTION

PFX-3120 LED Wallpack fixtures are long-lasting, low maintenance, energy efficient replacements for Metal Halide and High Pressure Sodium lamp sources designed for commercial and industrial applications. LED wallpacks installed in stairways, tunnels, alleyways, building perimeters, security walls, and parking garages. The LED Wallpack series is constructed from durable die-cast aluminum to protect against rust, corrosion, dirt and insects in outdoor, wet location environments, there operating temperature range is -40°F(-40°C) to + 122°F(+50°C). PFX-3120 LED wall pack fixture designs allow for replacement of much higher voltage fixtures while providing equivalent or higher performance.



PHOTOMETRIC

INTENSITY DISTRIBUTION DIAGRAM



ORDERING GUIDE

MODEL	WATTAGE TUNABLE	CCT TUNABLE	VOLTAGE	HOUSING COLOR	OPTIONS & ACCESSORIES
PFX-3120	40W/60W/80W	345K - 3000K/4000K/5000K	27V- 120-277V	BZ - Bronze (Std) Optional WH - White BK - Black	PC - Photocell EM- 5W EM Battery Backup SP - 10kV Surge Protector

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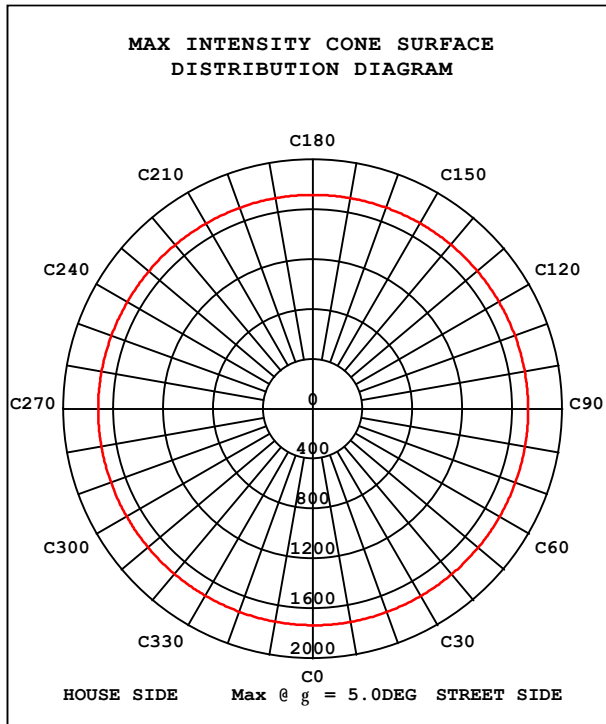
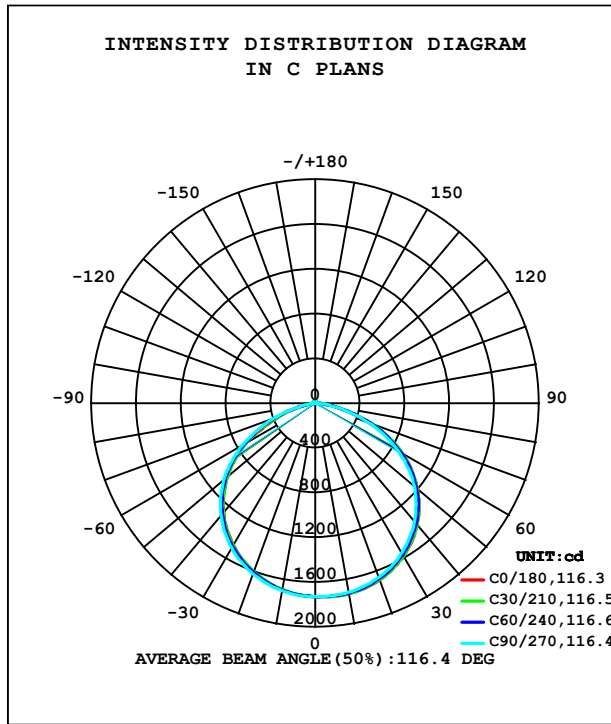
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PHOTOMETRIC TEST REPORT

DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.49 lm/W			
MODEL	PFX-3120	I _{max} (cd)	1735	h street_up (%)	1.0
NOMINAL POWER (W)	40	LOR (%)	100.0	h street_down (%)	50.9
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	5121	h house_up (%)	1.0
NOMINAL FLUX (lm)	85.3532	MAXIMUM @ (C, g)	15,5.0	h house_down (%)	47.1
LAMPS INSIDE	60	h up (%)	2.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	220	h down (%)	98.0	SLI	18.452



C Range: 0 - 360DEG C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: chen
 Test Date: 2018-04-13

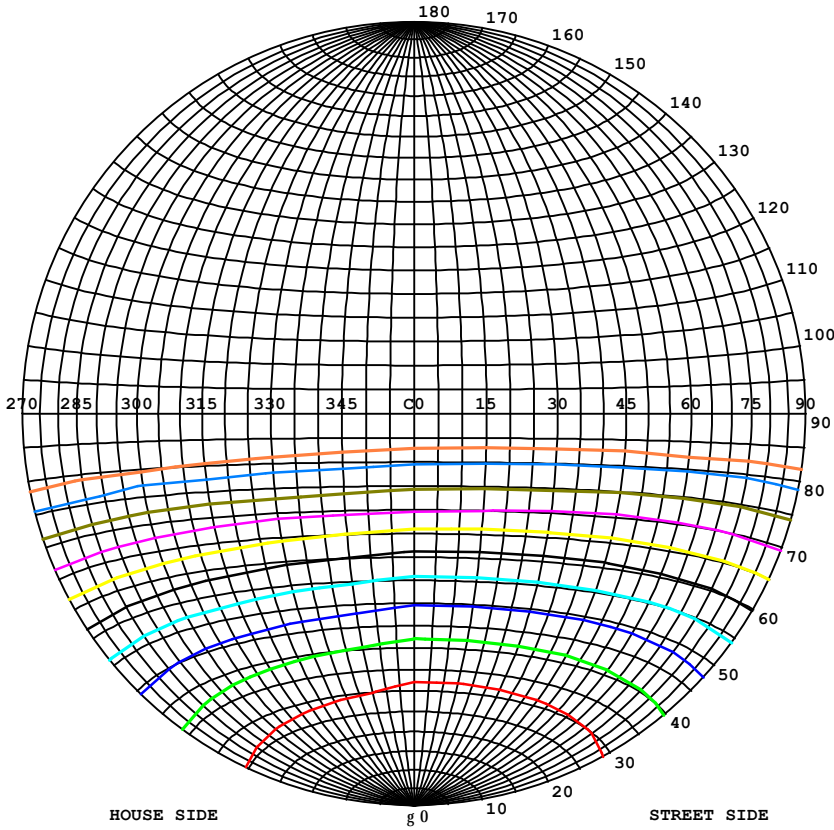
g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.404.6
 Humidity: 65.0%
 Test Distance: 8.140m [K=1.0000]
 Remarks:

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Classification:

IES:Type VS - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:32.68cd/klm
 Max.At90:1.422cd/klm
 Max.80-90:32.68cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1735
90%	1561
80%	1388
70%	1214
60%	1041
50%	867
40%	694
30%	520
20%	347
10%	173
5%	87

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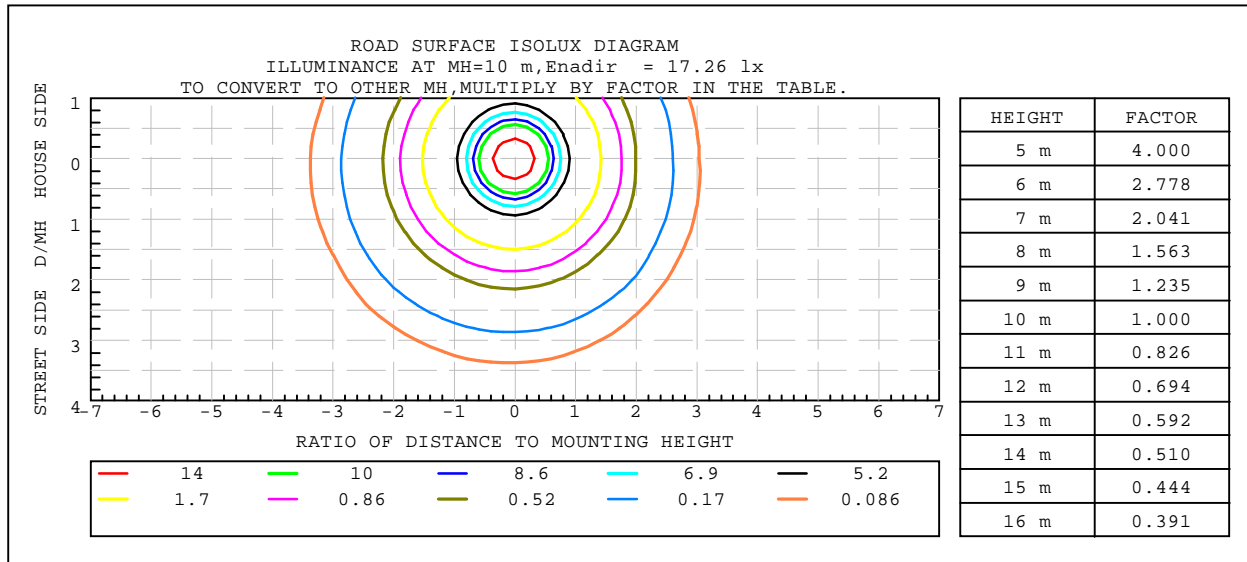
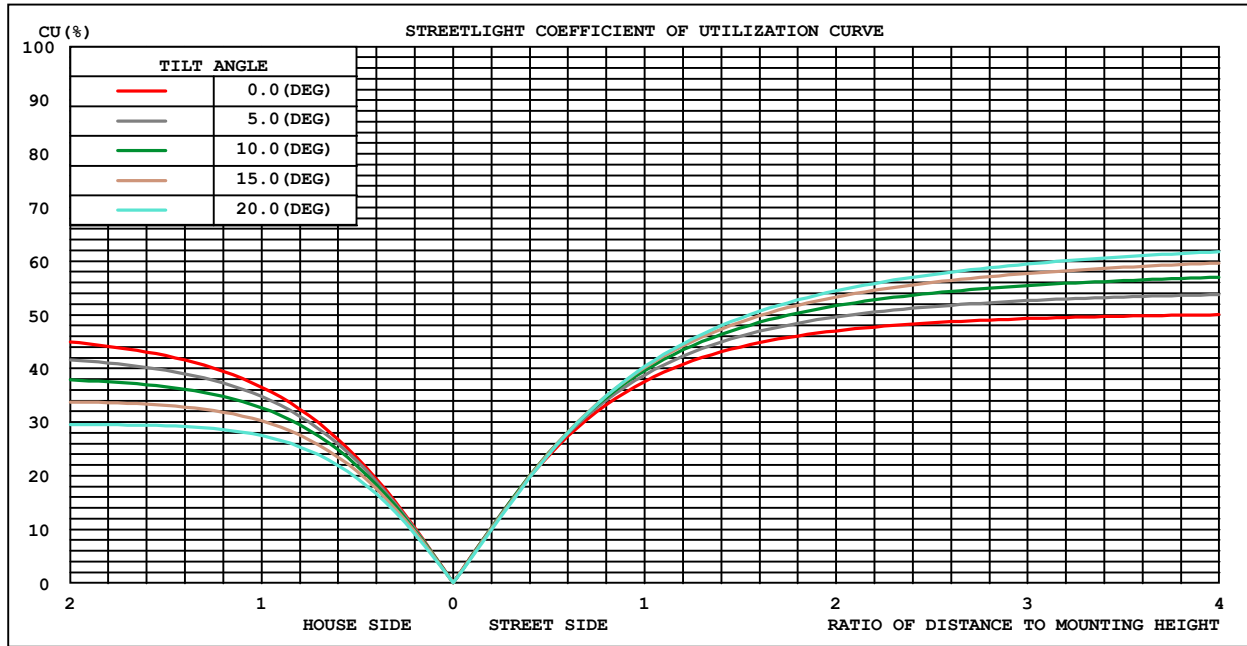
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PFX-3120
LED WALL PACK



COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
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Temperature: 25.3DEG
Operators: chen
Test Date: 2018-04-13

Range: 0 - 180DEG
Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.404.6
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ZONAL FLUX DIAGRAM

g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum, lamp
10	1730	1728	1717	1705	1693	1695	1703	1714	0-	164.2	164.2	3.21, 3.21
20	1682	1678	1659	1634	1606	1607	1625	1650	10-	475.3	639.6	12.5, 12.5
30	1579	1575	1548	1512	1466	1472	1497	1536	20-	732.8	1372	26.8, 26.8
40	1420	1415	1383	1336	1275	1283	1312	1361	30-	902.5	2275	44.4, 44.4
50	1194	1192	1157	1101	1025	1034	1069	1121	40-	953.7	3229	63, 63
60	901.0	898.8	859.4	798.7	713.7	717.5	752.0	813.8	50-	863.0	4092	79.9, 79.9
70	500.0	542.0	501.7	450.1	334.0	352.7	392.3	450.0	60-	620.3	4712	92, 92
80	151.2	162.1	128.6	107.9	54.49	46.48	51.42	97.49	70-	274.6	4987	97.4, 97.4
90	6.963	6.477	6.029	6.273	6.364	6.386	6.092	5.613	80-	34.10	5021	98, 98
100	8.297	8.278	8.603	9.212	9.527	9.516	9.130	8.499	90-100	8.063	5029	98.2, 98.2
110	11.54	11.44	11.81	12.44	12.98	12.84	12.47	11.68	100-110	11.09	5040	98.4, 98.4
120	14.92	14.70	15.14	15.67	16.37	16.16	15.90	14.92	110-120	13.67	5053	98.7, 98.7
130	18.08	17.85	18.49	18.67	19.40	19.29	19.20	18.02	120-130	15.26	5069	99, 99
140	20.90	20.91	21.63	21.47	21.99	22.11	22.20	20.95	130-140	15.48	5084	99.3, 99.3
150	23.75	24.09	24.60	24.38	24.55	24.80	24.96	23.82	140-150	14.35	5099	99.6, 99.6
160	26.67	26.96	27.23	26.95	27.25	27.25	27.28	26.37	150-160	11.83	5110	99.8, 99.8
170	29.54	29.38	29.44	29.22	29.92	29.58	29.35	28.74	160-170	7.951	5118	99.9, 99.9
180	31.27	30.78	30.48	30.32	31.30	30.76	30.49	30.30	170-180	2.854	5121	100, 100
DEG	LUMINOUS INTENSITY: cd									UNIT: lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: chen
 Test Date: 2018-04-13

g Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.404.6
 Humidity: 65.0%
 Test Distance: 8.140m [K=1.0000]
 Remarks:

Disclaimer:

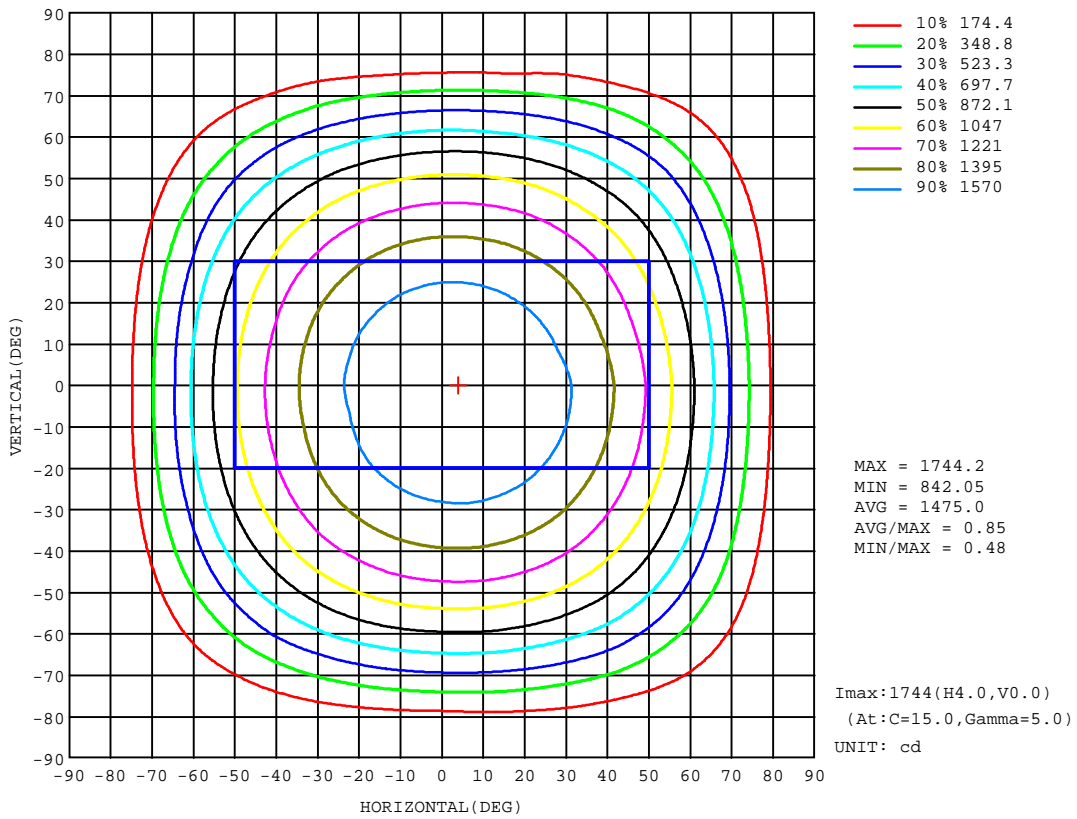
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ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: chen
Test Date: 2018-04-13

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.404.6
Humidity: 65.0%
Test Distance: 8.140m [K=1.0000]
Remarks:

Disclaimer:

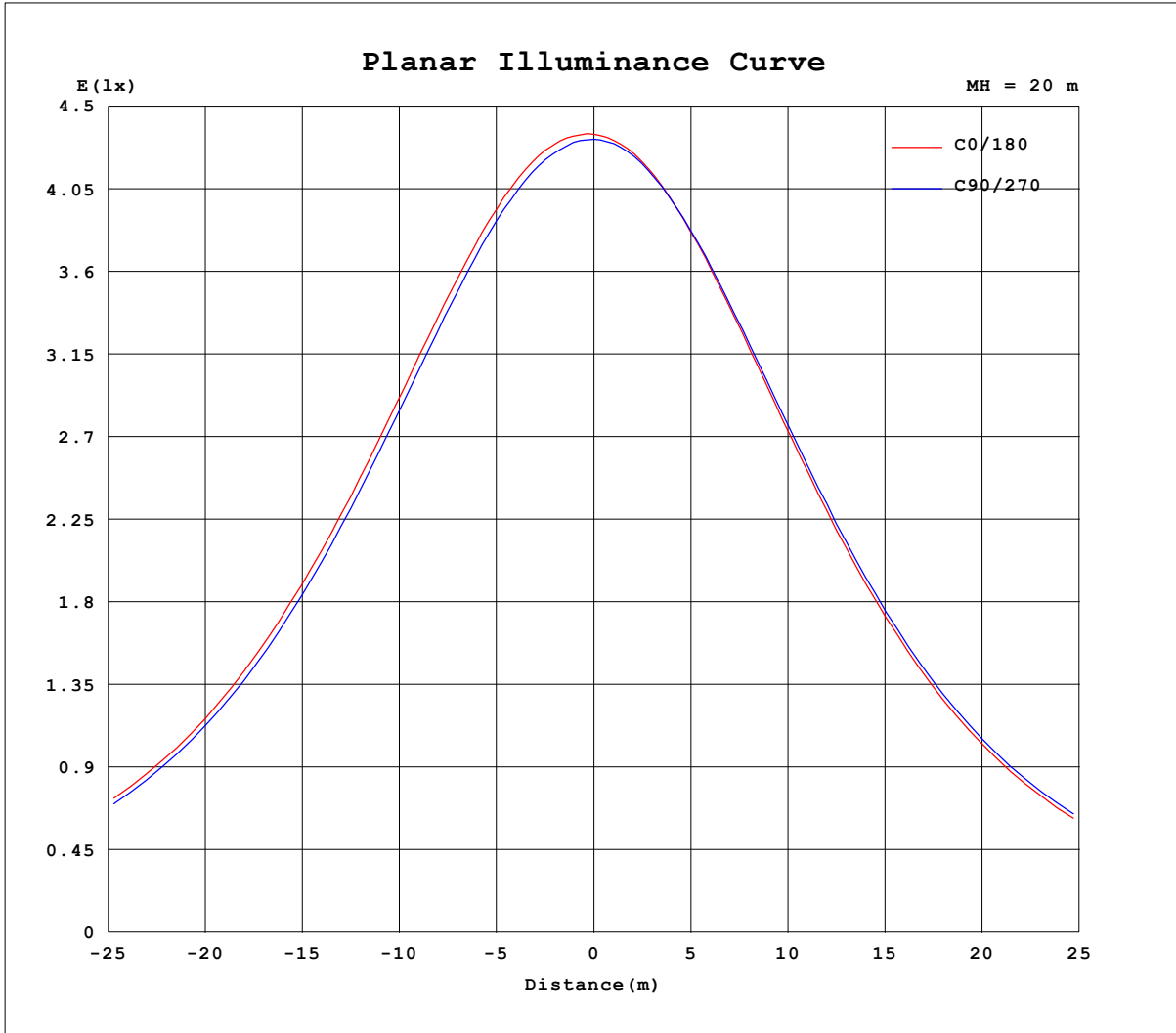
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PLANAR ILLUMINANCE CURVE



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: chen
Test Date: 2018-04-13

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.404.6
Humidity: 65.0%
Test Distance: 8.140m [K=1.0000]
Remarks:

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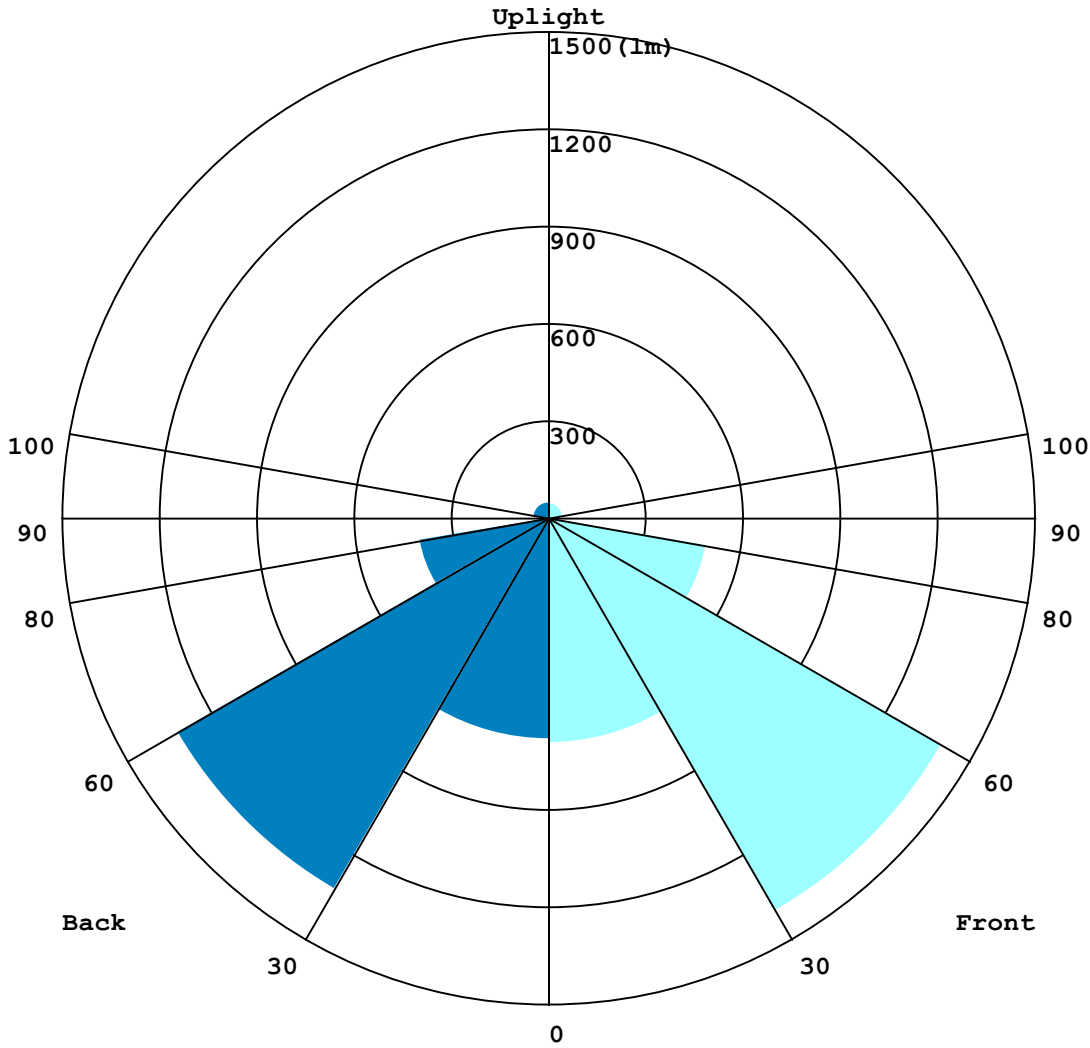
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LCS REPORT

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: chen
 Test Date: 2018-04-13

Beam Range: 0 - 180DEG
 Beam Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.404.6
 Humidity: 65.0%
 Test Distance: 8.140m [K=1.0000]
 Remarks:

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BUG REPORT

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	692.26	13.5
FM - Front-Medium(30-60)	1398.9	27.3
FH - Front-High(60-80)	492.83	9.6
FVH - Front-Very High(80-90)	23.551	0.5
Total Forward Light	2657.3	51.9

BL - Back-Low(0-30)	680.14	13.3
BM - Back-Medium(30-60)	1320.4	25.8
BH - Back-High(60-80)	402.05	7.9
BVH - Back-Very High(80-90)	10.549	0.2
Total Back Light	2463.8	48.1

UL - Uplight-Low(90-100)	8.0634	0.2
UH - Uplight-High(100-180)	92.483	1.8
Total Up Light	100.55	2.0

BUG(Back,Up,Glare) Rating	B2-U3-G1
----------------------------------	-----------------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2413.1	50.713	2463.8
Street Side	2607.5	49.833	2657.3

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:chen
Test Date:2018-04-13

Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.404.6
Humidity:65.0%
Test Distance:8.140m [K=1.0000]
Remarks:

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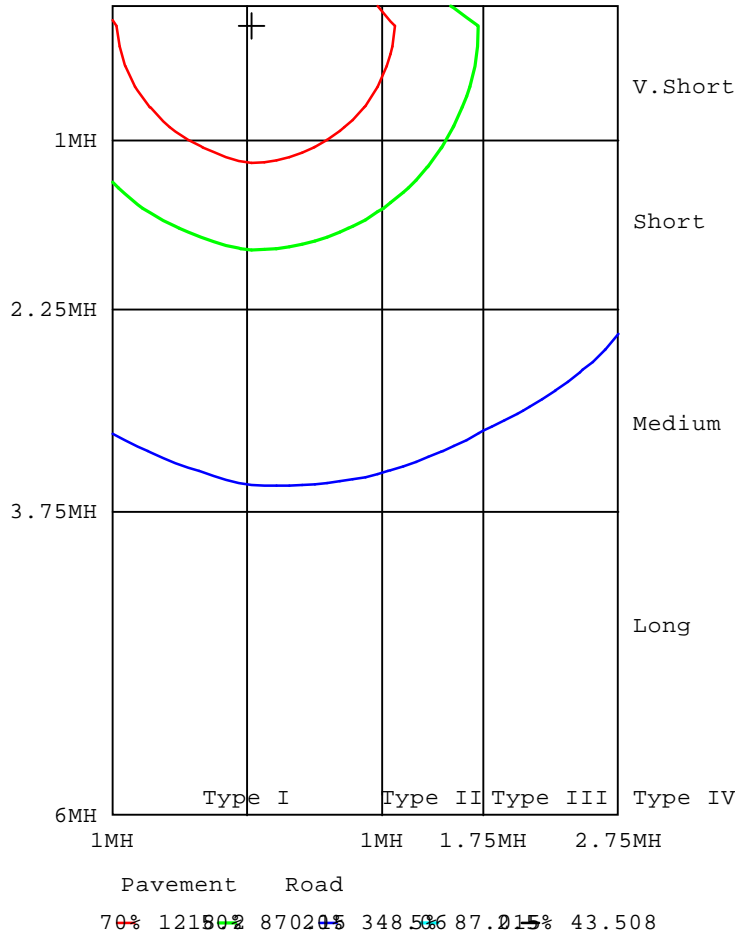
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ROAD ISOCANDELA REPORT

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: chen
 Test Date: 2018-04-13

Beam Range: 0 - 180DEG
 Beam Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.404.6
 Humidity: 65.0%
 Test Distance: 8.140m [K=1.0000]
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LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

C (DEG) g (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1730	1730	1730	1730	1730	1730	1730	1730	1730	1730	1730	1730	1730	1730	1730	1730	1730	1730	1730
5	1734	1735	1732	1732	1730	1729	1727	1726	1724	1722	1721	1719	1718	1718	1718	1720	1719	1721	1723
10	1730	1731	1728	1728	1724	1721	1717	1714	1709	1705	1700	1696	1693	1693	1693	1695	1696	1699	1703
15	1713	1714	1711	1709	1705	1700	1695	1690	1682	1675	1667	1661	1656	1654	1655	1657	1660	1665	1670
20	1682	1683	1680	1678	1671	1666	1659	1652	1643	1634	1621	1613	1606	1604	1604	1607	1611	1618	1625
25	1638	1640	1636	1634	1626	1619	1610	1601	1591	1580	1564	1553	1542	1540	1542	1546	1551	1560	1568
30	1579	1582	1579	1575	1566	1560	1548	1539	1525	1512	1493	1480	1466	1464	1467	1472	1479	1487	1497
35	1507	1511	1506	1502	1493	1485	1472	1462	1446	1430	1410	1395	1378	1378	1380	1384	1392	1401	1411
40	1420	1422	1418	1415	1405	1396	1383	1370	1353	1336	1312	1296	1275	1272	1277	1283	1291	1300	1312
45	1315	1317	1314	1312	1304	1293	1277	1265	1245	1227	1200	1181	1158	1152	1160	1166	1176	1184	1196
50	1194	1197	1193	1192	1183	1172	1157	1143	1122	1101	1072	1049	1025	1023	1027	1034	1045	1055	1069
55	1057	1061	1055	1052	1045	1034	1016	1004	985	959	928	904	875	873	878	883	896	905	917
60	901	906	903	899	887	878	859	850	830	799	771	746	714	712	715	718	726	739	752
65	723	731	728	727	713	705	690	676	658	630	603	543	499	507	537	545	553	560	572
70	500	515	536	542	529	517	502	491	470	450	393	368	334	334	336	353	372	380	392
75	322	329	329	338	334	332	319	307	287	256	232	201	166	165	180	182	200	188	190
80	151	160	167	162	160	138	129	124	120	108	90.4	69.8	54.5	50.8	53.5	46.5	43.9	47.7	51.4
85	43.4	46.3	44.6	40.5	33.3	31.8	23.9	21.5	18.0	17.8	13.1	10.8	6.91	6.49	6.18	5.94	5.84	5.83	5.99
90	6.96	7.28	6.81	6.48	6.23	6.10	6.03	6.07	6.17	6.27	6.54	6.75	6.36	6.42	6.39	6.39	6.30	6.24	6.09
95	6.83	6.76	6.78	6.80	6.89	6.97	7.11	7.25	7.46	7.68	7.96	8.24	7.88	7.94	7.93	7.90	7.81	7.72	7.58
100	8.30	8.23	8.25	8.28	8.37	8.44	8.60	8.76	8.97	9.21	9.53	9.83	9.53	9.58	9.54	9.52	9.41	9.31	9.13
105	9.87	9.80	9.81	9.84	9.92	10.0	10.2	10.3	10.6	10.8	11.2	11.5	11.2	11.3	11.2	11.2	11.0	11.0	10.8
110	11.5	11.4	11.4	11.4	11.5	11.6	11.8	11.9	12.2	12.4	12.8	13.2	13.0	13.0	12.9	12.8	12.7	12.6	12.5
115	13.2	13.1	13.1	13.1	13.1	13.2	13.5	13.6	13.8	14.1	14.5	14.8	14.7	14.8	14.6	14.5	14.3	14.3	14.2
120	14.9	14.8	14.7	14.7	14.8	14.9	15.1	15.3	15.4	15.7	16.0	16.5	16.4	16.4	16.3	16.2	16.0	16.0	15.9
125	16.5	16.4	16.3	16.3	16.4	16.6	16.9	16.9	17.0	17.2	17.6	17.9	17.9	18.0	17.9	17.8	17.6	17.7	17.6
130	18.1	17.9	17.8	17.8	17.9	18.2	18.5	18.5	18.5	18.7	19.0	19.3	19.4	19.5	19.4	19.3	19.2	19.3	19.2
135	19.5	19.3	19.3	19.4	19.5	19.8	20.1	20.0	20.0	20.1	20.3	20.7	20.7	20.8	20.8	20.7	20.7	20.8	20.7
140	20.9	20.8	20.8	20.9	21.1	21.4	21.6	21.5	21.5	21.5	21.7	22.0	22.0	22.0	22.1	22.1	22.1	22.2	22.2
145	22.3	22.3	22.4	22.5	22.7	22.9	23.1	23.0	23.0	23.0	23.1	23.4	23.3	23.3	23.4	23.5	23.5	23.6	23.6
150	23.8	23.9	23.9	24.1	24.2	24.4	24.6	24.5	24.4	24.4	24.5	24.7	24.5	24.6	24.7	24.8	24.8	25.0	25.0
155	25.2	25.4	25.5	25.5	25.6	25.8	25.9	25.8	25.7	25.7	25.8	25.9	25.8	25.9	25.9	26.0	26.1	26.2	26.2
160	26.7	27.0	26.9	27.0	27.0	27.1	27.2	27.1	27.0	26.9	27.0	27.1	27.3	27.2	27.2	27.3	27.3	27.4	27.3
165	28.2	28.4	28.3	28.2	28.2	28.3	28.4	28.3	28.2	28.1	28.1	28.2	28.6	28.5	28.5	28.5	28.5	28.4	28.4
170	29.5	29.6	29.4	29.4	29.4	29.4	29.4	29.4	29.3	29.2	29.2	29.2	29.9	29.6	29.6	29.5	29.5	29.5	29.4
175	30.7	30.5	30.3	30.3	30.2	30.2	30.2	30.1	30.0	30.0	30.0	30.0	30.9	30.6	30.5	30.5	30.3	30.2	30.2
180	31.3	30.9	30.8	30.8	30.7	30.6	30.5	30.5	30.4	30.3	30.2	30.2	31.3	30.9	30.8	30.8	30.7	30.6	30.5

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
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 Operators: chen
 Test Date: 2018-04-13

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.404.6
 Humidity: 65.0%
 Test Distance: 8.140m [K=1.0000]
 Remarks:

Disclaimer:

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LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

C (DEG) g (DEG)	285	300	315	330	345															
0	1730	1730	1730	1730	1730															
5	1724	1725	1727	1729	1732															
10	1706	1710	1714	1719	1725															
15	1676	1683	1689	1696	1704															
20	1633	1642	1650	1660	1670															
25	1577	1589	1599	1613	1625															
30	1507	1522	1536	1552	1566															
35	1423	1440	1456	1474	1491															
40	1325	1343	1361	1382	1401															
45	1211	1232	1247	1272	1293															
50	1084	1104	1121	1145	1169															
55	935	954	973	1003	1030															
60	764	787	814	847	874															
65	586	609	635	667	698															
70	406	428	450	473	479															
75	224	248	248	270	295															
80	57.0	73.9	97.5	118	134															
85	6.38	7.10	11.9	21.5	31.9															
90	5.98	5.79	5.61	5.44	5.80															
95	7.42	7.19	6.99	6.70	6.46															
100	8.99	8.74	8.50	8.18	7.90															
105	10.6	10.3	10.1	9.76	9.47															
110	12.2	11.9	11.7	11.4	11.1															
115	13.9	13.5	13.3	13.0	12.8															
120	15.6	15.2	14.9	14.6	14.4															
125	17.2	16.8	16.5	16.2	16.0															
130	18.8	18.3	18.0	17.7	17.4															
135	20.4	19.9	19.5	19.1	18.8															
140	21.8	21.4	20.9	20.5	20.1															
145	23.3	22.8	22.4	21.9	21.5															
150	24.6	24.2	23.8	23.3	23.0															
155	25.8	25.4	25.1	24.7	24.5															
160	27.0	26.7	26.4	26.1	25.9															
165	28.1	27.8	27.6	27.4	27.3															
170	29.2	28.9	28.7	28.6	28.6															
175	30.0	29.9	29.7	29.6	29.7															
180	30.4	30.4	30.3	30.2	30.2															

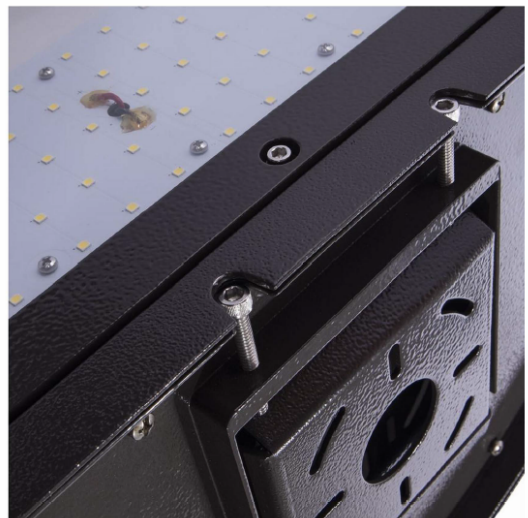
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: chen
 Test Date: 2018-04-13

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.404.6
 Humidity: 65.0%
 Test Distance: 8.140m [K=1.0000]
 Remarks:

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