

PHOTOMETRIC TEST REPORT

Report number: 0001343

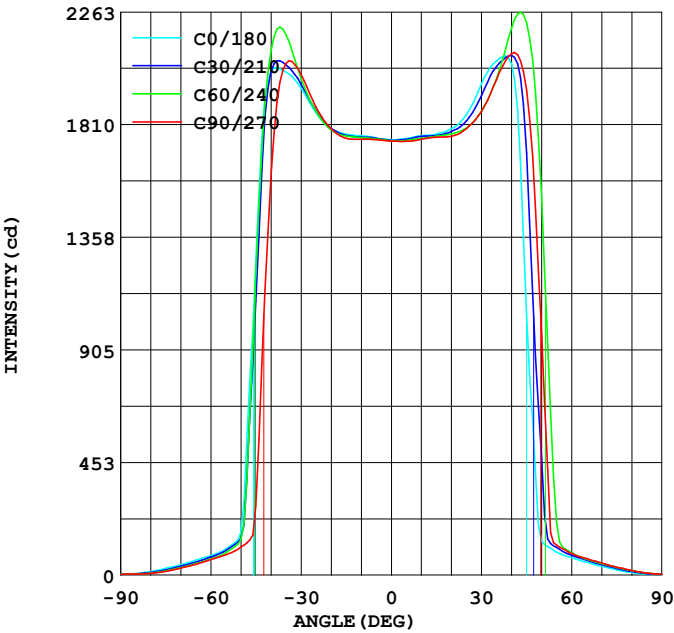
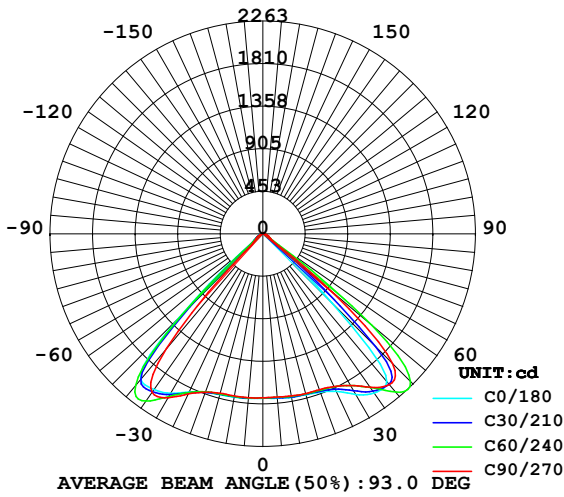
MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
NAME: WH9 MP108 CW 90D 32W 220V AC IP66	TYPE:WALL WASHER	WEIGHT:5.3
SPECIFICATION:WALL WASHER	DIMENSION: 475x310x70mm	SERIAL No.:

TEST DATA:					
MODEL:	WH9	Imax (cd) :	2263	η street_up(%) :	0.3
NOMINAL POWER(W) :	32	MAXIMUM(C, γ):	240,43.0	η street_down(%) :	54.2
RATED VOLTAGE (V) :	222	TOTAL FLUX(lm) :	4043	η house_up(%)	0.3
NOMINAL FLUX(lm) :	4043.5	EFFICIENCY(%) :	100.0	η house_down(%) :	45.2
TEST FLUX(lm:	4043	η up(%) :	0.6		
LAMPS QUANTITY:	1	η down(%) :	99.4		

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS

LUMINOUS INTENSITY DISTRIBUTION



Test:U:221.0V I:0.148A P:31.48W PF:0.961

Test System:LSG-1600
Temperature:23.5DEG
Operators:REGAIP DASTAN
Test Date:02-20-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)
Humidity:50.0%
Test Distance:9.545 m
Remarks: WH9 MP108 CW 90D 32W 220V AC IP66

ZONAL FLUX DIAGRAM

Report number: 0001343

MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
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SPECIFICATION:WALL WASHER	DIMENSION: 475x310x70mm	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
5.0	1757	1754	1750	1748	1754	1749	1743	1744	0- 5	41.78	41.78
10.0	1765	1759	1751	1750	1766	1759	1751	1754	5- 10	125.4	167.2
15.0	1771	1767	1755	1756	1772	1764	1759	1763	10- 15	208.7	376.0
20.0	1795	1793	1794	1784	1793	1776	1763	1769	15- 20	292.2	668.3
25.0	1858	1859	1880	1856	1851	1807	1794	1797	20- 25	380.0	1048
30.0	1957	1982	2012	1992	1973	1883	1863	1867	25- 30	479.9	1528
35.0	2021	2118	2057	2147	2065	2019	1991	1990	30- 35	592.3	2121
40.0	2021	2123	1594	2046	2053	2153	2095	2170	35- 40	688.2	2809
45.0	1257	1273	278.1	1017	1040	2129	1949	2174	40- 45	637.0	3446
50.0	169.9	154.9	112.5	121.3	135.2	1089	969.9	1483	45- 50	345.4	3791
55.0	104.3	89.19	82.08	81.17	92.47	143.2	120.3	200.9	50- 55	102.5	3894
60.0	78.35	63.95	62.68	58.94	69.97	92.10	86.18	97.94	55- 60	40.32	3934
65.0	59.67	45.09	43.45	41.81	51.74	67.41	66.41	69.33	60- 65	30.85	3965
70.0	41.45	28.97	27.87	26.60	35.16	48.28	48.46	50.74	65- 70	22.91	3988
75.0	27.05	16.21	15.12	14.39	21.41	31.88	32.06	34.52	70- 75	15.56	4004
80.0	14.12	7.015	7.197	6.195	10.29	18.85	18.58	20.95	75- 80	9.196	4013
85.0	6.286	3.188	4.190	2.915	4.008	8.928	8.655	10.38	80- 85	4.585	4017
90.0	4.008	2.642	3.735	2.550	2.642	4.646	3.553	5.010	85- 90	2.352	4020
95.0	3.826	2.642	3.644	2.642	2.642	3.826	2.642	3.917	90- 95	1.792	4022
100.0	3.644	2.733	3.553	2.733	2.733	3.735	2.550	3.644	95-100	1.722	4023
105.0	3.553	3.006	3.644	3.097	2.824	3.553	2.733	3.553	100-105	1.704	4025
110.0	3.735	3.644	4.190	3.826	3.188	3.735	2.824	3.735	105-110	1.790	4027
115.0	4.373	4.737	5.101	4.828	3.917	4.373	3.370	4.190	110-115	2.038	4029
120.0	5.375	5.921	6.286	6.013	5.101	5.193	4.282	5.101	115-120	2.413	4031
125.0	6.559	7.015	7.288	7.106	6.195	6.195	5.466	6.195	120-125	2.806	4034
130.0	7.652	7.926	8.381	7.926	7.288	7.197	6.559	7.015	125-130	3.092	4037
135.0	8.472	8.472	9.110	8.472	8.290	7.652	7.561	7.744	130-135	3.199	4040
140.0	9.019	8.928	9.475	9.201	8.655	8.199	8.381	8.199	135-140	3.159	4043
145.0	0	0	0	0	0	0	0	0	140-145	0	4043
150.0	0	0	0	0	0	0	0	0	145-150	0	4043
155.0	0	0	0	0	0	0	0	0	150-155	0	4043
160.0	0	0	0	0	0	0	0	0	155-160	0	4043
165.0	0	0	0	0	0	0	0	0	160-165	0	4043
170.0	0	0	0	0	0	0	0	0	165-170	0	4043
175.0	0	0	0	0	0	0	0	0	170-175	0	4043
180.0	0	0	0	0	0	0	0	0	175-180	0	4043
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

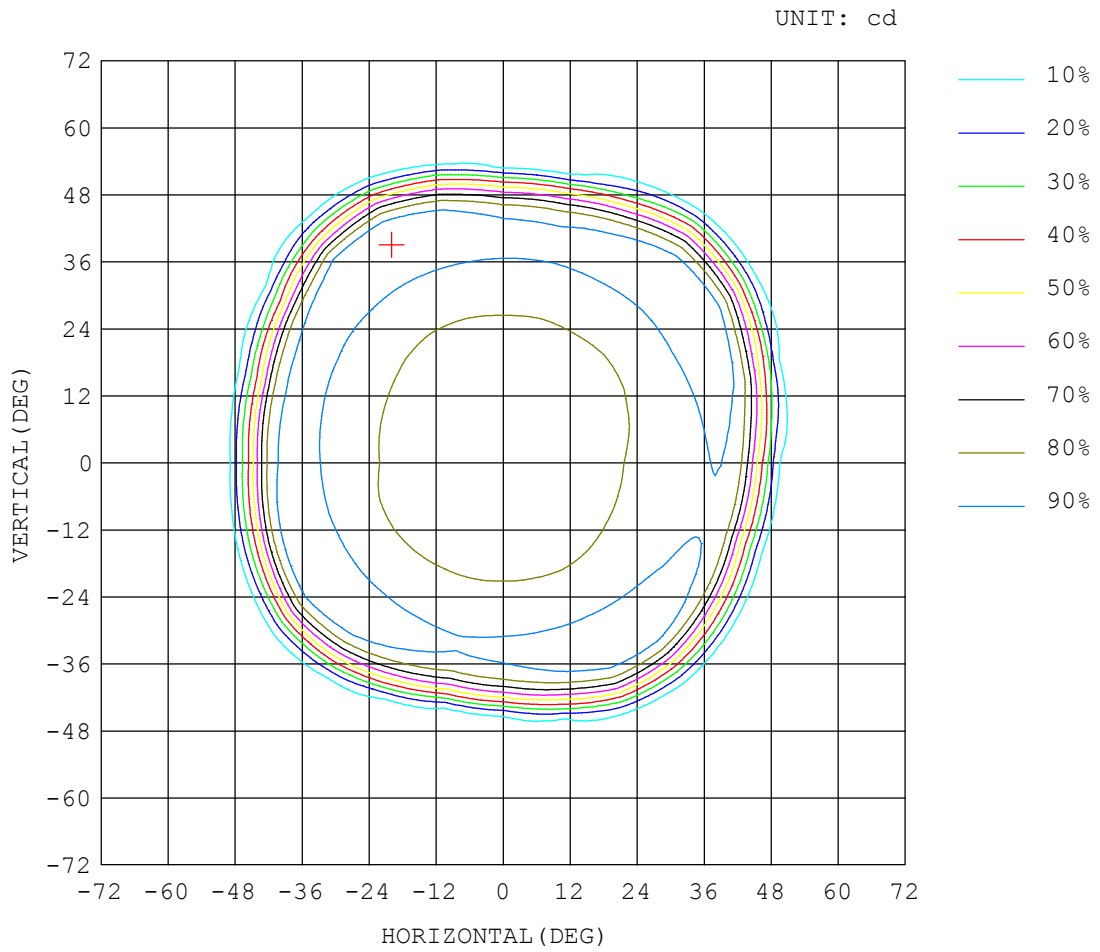
Test System:LSG-1600
 Temperature:23.5DEG
 Operators:REGAIP DASTAN
 Test Date:02-20-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)
 Humidity:50.0%
 Test Distance:9.545 m
 Remarks: WH9 MP108 CW 90D 32W 220V AC IP66

ISOCANDELA DIAGRAM

Report number: 0001343

MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
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SPECIFICATION:WALL WASHER	DIMENSION: 475x310x70mm	SERIAL No.:



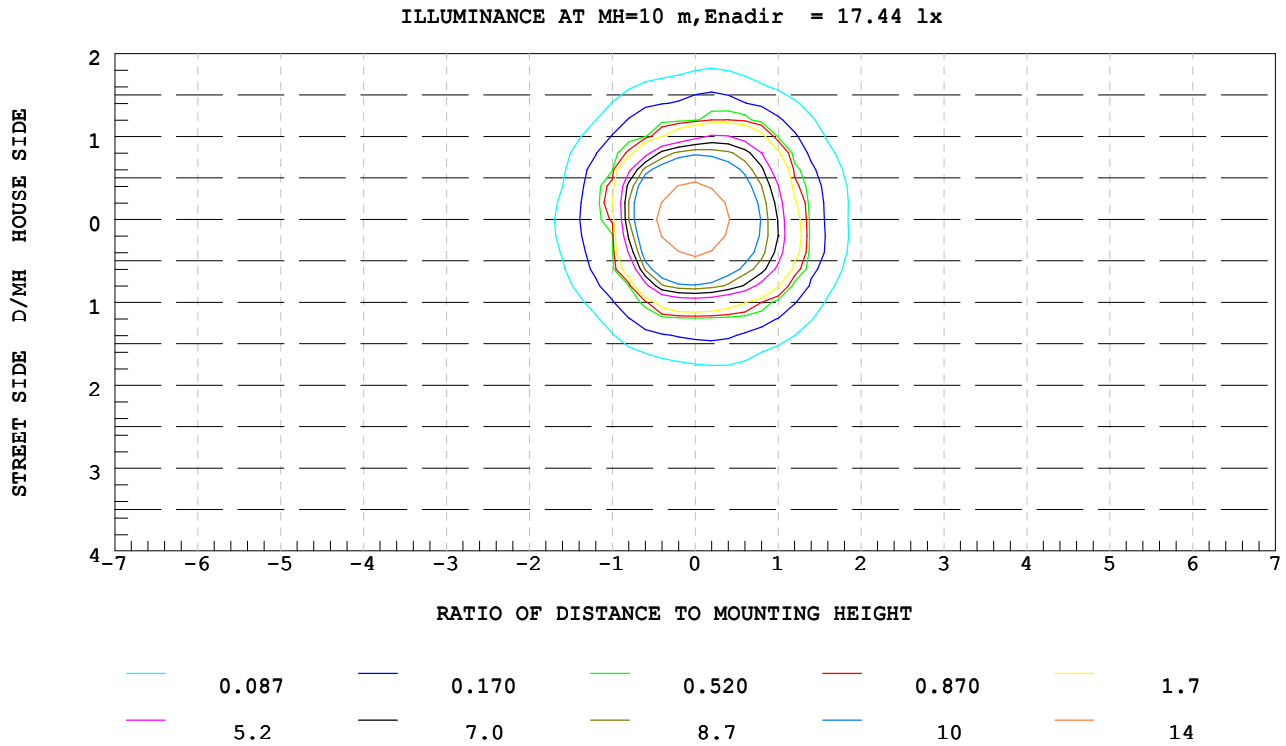
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ISOLUX DIAGRAM

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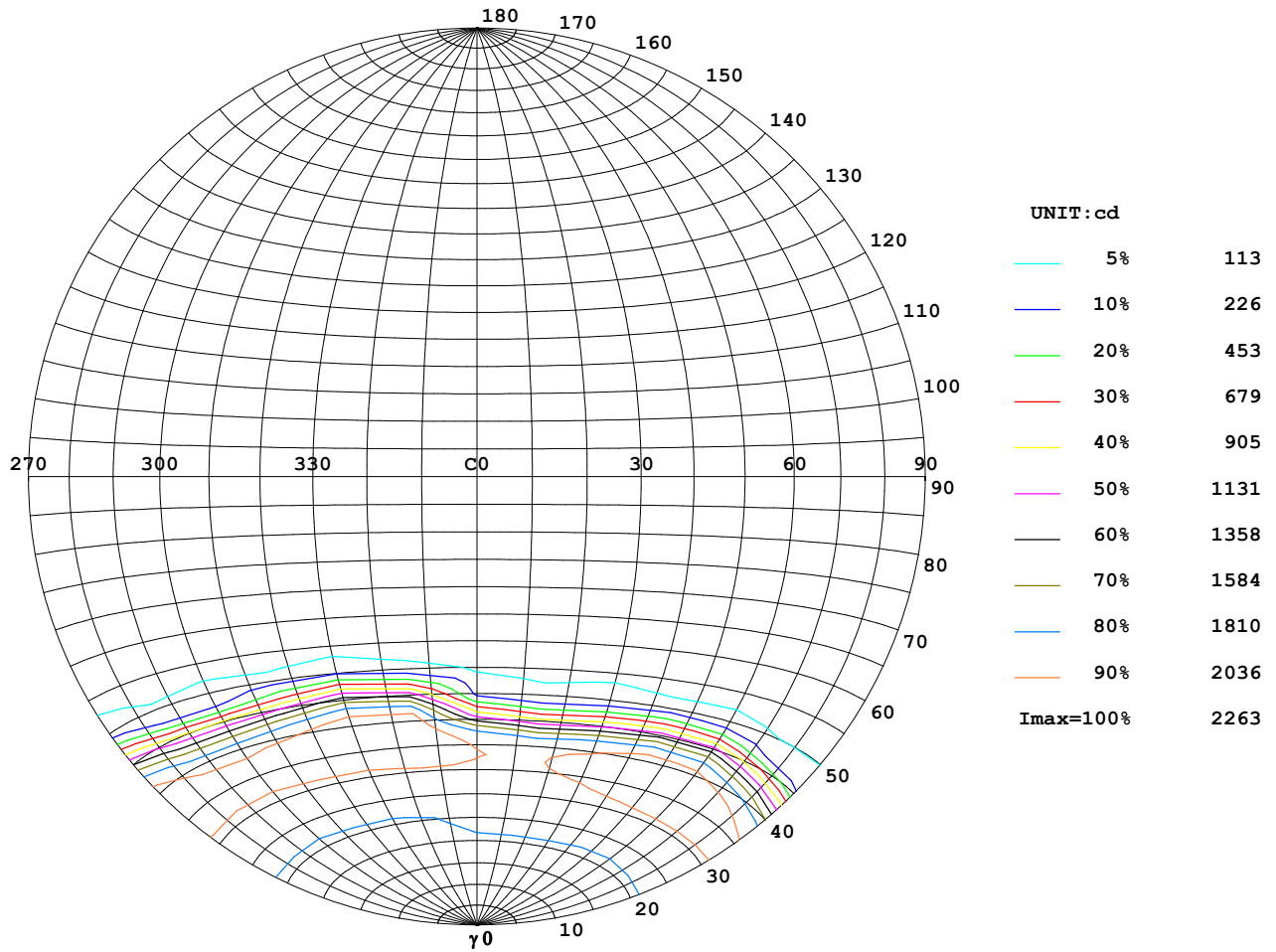
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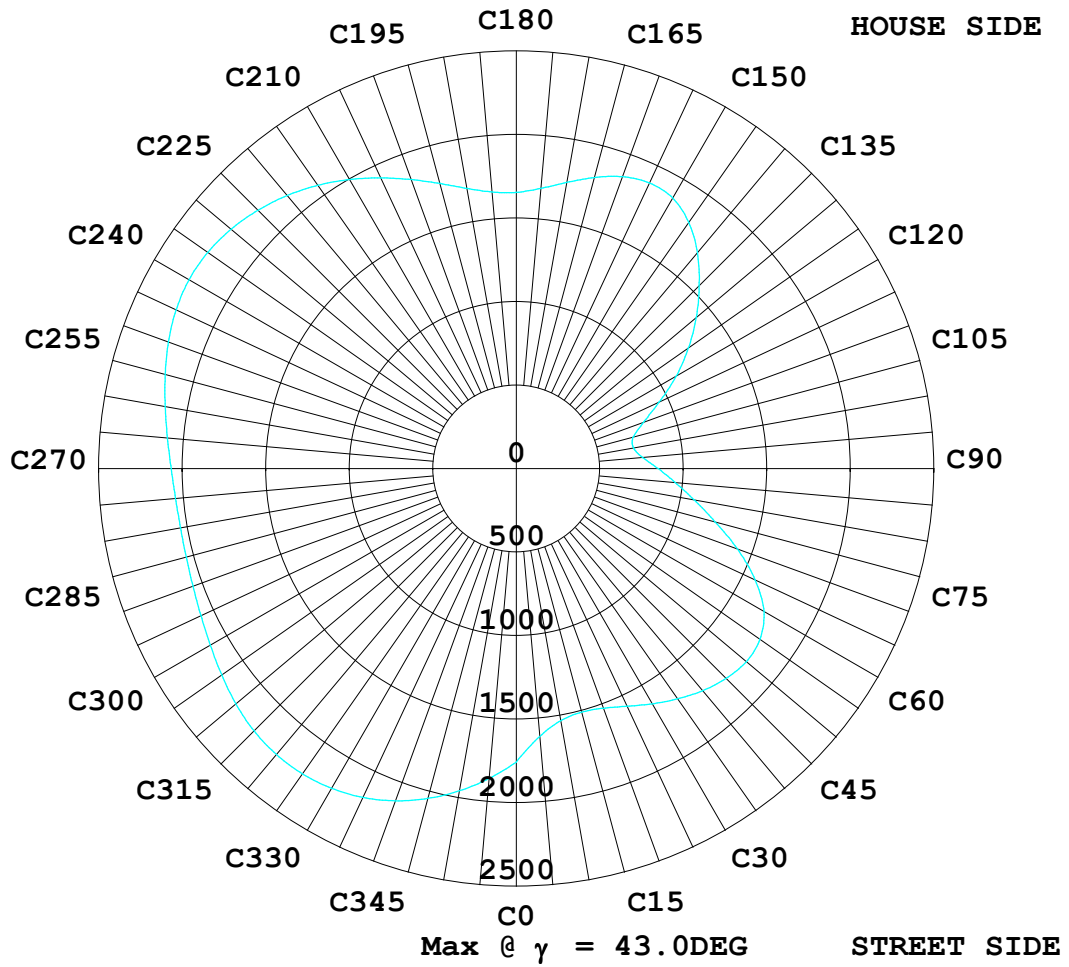
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LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: 0001343

MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
NAME: WH9 MP108 CW 90D 32W 220V AC IP66	TYPE:WALL WASHER	WEIGHT:5.3
SPECIFICATION:WALL WASHER	DIMENSION: 475x310x70mm	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	1750	1748	1747	1746	1746	1745	1744	1743	1743	1742	1742	1742	1750	1748	1747
5.0	1757	1756	1755	1754	1753	1751	1750	1748	1748	1748	1748	1747	1754	1752	1751
10.0	1765	1762	1760	1759	1758	1755	1751	1748	1749	1750	1754	1756	1766	1765	1763
15.0	1771	1768	1767	1767	1765	1760	1755	1752	1752	1756	1760	1761	1772	1769	1766
20.0	1795	1795	1795	1793	1789	1793	1794	1791	1789	1784	1781	1782	1793	1788	1783
25.0	1858	1867	1866	1859	1863	1874	1880	1875	1868	1856	1843	1838	1851	1840	1824
30.0	1957	1967	1973	1982	1996	2010	2012	2000	2001	1992	1969	1962	1973	1956	1926
35.0	2021	2021	2050	2118	2172	2113	2057	2029	2090	2147	2179	2097	2065	2053	2043
40.0	2021	1970	2021	2123	2104	1870	1594	1501	1770	2046	2188	2118	2053	2058	2088
45.0	1257	970	1101	1273	1216	702	278	208	547	1017	1393	1250	1040	1199	1696
50.0	170	131	147	155	143	113	113	103	117	121	177	154	135	168	467
55.0	104	92.3	98.9	89.1	89.9	79.3	82.0	77.3	82.9	81.1	94.3	91.1	92.4	104	111
60.0	78.3	70.3	72.7	63.9	64.6	57.3	62.6	60.7	61.4	58.9	68.3	66.6	69.9	78.9	79.3
65.0	59.6	53.1	52.6	45.0	46.3	39.9	43.4	42.7	43.0	41.8	48.2	47.8	51.7	62.3	59.4
70.0	41.4	35.4	35.7	28.9	30.2	25.4	27.8	26.7	28.1	26.6	31.7	31.7	35.1	43.2	41.9
75.0	27.0	21.6	21.4	16.2	17.5	13.5	15.1	13.4	15.7	14.3	18.8	18.4	21.4	27.9	26.9
80.0	14.1	9.93	10.7	7.01	8.38	5.64	7.19	5.37	7.56	6.19	9.20	8.65	10.2	15.0	14.3
85.0	6.28	3.82	5.19	3.18	4.55	2.82	4.19	2.64	4.37	2.91	4.82	3.55	4.00	6.55	5.83
90.0	4.00	2.55	3.91	2.64	3.82	2.55	3.73	2.55	3.82	2.55	3.91	2.64	2.64	4.00	2.73
95.0	3.82	2.64	3.73	2.64	3.64	2.55	3.64	2.64	3.64	2.64	3.73	2.64	2.64	3.73	2.64
100.0	3.64	2.64	3.64	2.73	3.55	2.73	3.55	2.73	3.55	2.73	3.55	2.73	2.73	3.64	2.64
105.0	3.55	2.82	3.64	3.00	3.73	3.09	3.64	2.91	3.64	3.09	3.73	2.91	2.82	3.46	2.73
110.0	3.73	3.18	4.00	3.64	4.37	3.82	4.19	3.64	4.28	3.82	4.37	3.55	3.18	3.64	3.00
115.0	4.37	4.00	4.82	4.73	5.28	4.82	5.10	4.64	5.19	4.82	5.19	4.46	3.91	4.19	3.73
120.0	5.37	5.19	5.83	5.92	6.37	6.10	6.28	5.92	6.28	6.01	6.28	5.64	5.10	5.10	4.73
125.0	6.55	6.37	7.01	7.01	7.56	7.19	7.28	7.10	7.37	7.10	7.37	6.74	6.19	6.19	5.92
130.0	7.65	7.56	8.01	7.92	8.01	8.01	8.38	8.19	8.29	7.92	8.01	7.74	7.28	7.28	6.92
135.0	8.47	8.47	8.74	8.47	8.47	8.65	9.11	9.01	9.01	8.47	8.38	8.38	8.29	8.10	7.74
140.0	9.01	9.01	9.11	8.92	9.11	9.29	9.47	9.29	9.38	9.20	9.01	8.83	8.65	8.65	8.38
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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SPECIFICATION:WALL WASHER	DIMENSION: 475x310x70mm	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	225	240	255	270	285	300	315	330	345
0.0	1746	1746	1745	1744	1743	1743	1742	1742	1742
5.0	1749	1747	1745	1743	1742	1743	1744	1746	1748
10.0	1759	1755	1752	1751	1749	1751	1754	1758	1760
15.0	1764	1764	1762	1759	1757	1759	1763	1763	1765
20.0	1776	1772	1768	1763	1761	1766	1769	1775	1782
25.0	1807	1796	1792	1794	1792	1795	1797	1807	1829
30.0	1883	1864	1860	1863	1861	1866	1867	1883	1923
35.0	2019	1994	1987	1991	1991	1994	1990	2016	2019
40.0	2153	2198	2144	2095	2085	2119	2170	2162	2081
45.0	2129	2219	2123	1949	1925	2023	2174	2161	1857
50.0	1089	1517	1351	970	941	1127	1483	1263	682
55.0	143	208	155	120	127	129	201	146	119
60.0	92.1	90.3	95.3	86.1	92.6	89.4	97.9	85.9	85.1
65.0	67.4	64.2	68.7	66.4	73.0	65.3	69.3	63.2	63.5
70.0	48.2	46.2	50.6	48.4	56.0	46.8	50.7	44.5	45.1
75.0	31.8	30.7	34.8	32.0	38.0	31.3	34.5	28.6	29.4
80.0	18.8	17.9	21.5	18.5	23.4	18.3	20.9	16.1	16.4
85.0	8.92	8.10	10.9	8.65	11.2	8.56	10.3	6.74	7.56
90.0	4.64	3.27	5.19	3.55	5.28	3.46	5.01	3.00	4.28
95.0	3.82	2.55	3.91	2.64	3.91	2.55	3.91	2.55	3.82
100.0	3.73	2.64	3.73	2.55	3.73	2.64	3.64	2.64	3.64
105.0	3.55	2.73	3.55	2.73	3.55	2.73	3.55	2.73	3.55
110.0	3.73	3.00	3.64	2.82	3.46	2.91	3.73	3.09	3.73
115.0	4.37	3.73	4.09	3.37	3.82	3.46	4.19	3.82	4.37
120.0	5.19	4.73	4.91	4.28	4.64	4.46	5.10	4.82	5.28
125.0	6.19	5.83	6.01	5.46	5.73	5.55	6.19	6.01	6.37
130.0	7.19	6.83	6.92	6.55	6.83	6.65	7.01	7.01	7.28
135.0	7.65	7.37	7.74	7.56	7.74	7.56	7.74	7.47	8.01
140.0	8.19	7.92	8.29	8.38	8.56	8.38	8.19	8.10	8.47
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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