

PHOTOMETRIC RESULTS

| | | | |
|-----------------------|---|---------------|---------|
| File Name: | PUK ITALIA 1170-QL16-S32 HYDROFLOOR MAXI COMPACT 201048 FLOOD 45deg | | |
| Sample Number: | 1170-QL16-S32 | | |
| Report Number: | | | |
| Model: | HYDROFLOOR MAXI COMPACT 201048 FLOOD 45deg | | |
| Flux: | 1655 lm | Flux 2 | 0.00 lm |
| Date: | 15/11/2016 15.25.17 | | |
| Manufacturer: | PUK ITALIA | | |

Protocol

LiTG-class: E0
UTE-class: Not available
IES-class: 0 - 0 - 0 - 0 - 100
TM5-class: Not available

Divergences in the plane through maximum intensity:

| | Horizontal | Vertical |
|-------------------------------|------------|----------|
| One half peak divergence | -322.0° | -322.7° |
| Half peak side angle (left) | 161.2° | 161.2° |
| Half peak side angle (right) | -160.7° | -161.5° |
| One tenth peak divergence | -306.3° | -307.2° |
| Tenth peak side angle (left) | 153.6° | 153.3° |
| Tenth peak side angle (right) | -152.8° | -153.9° |

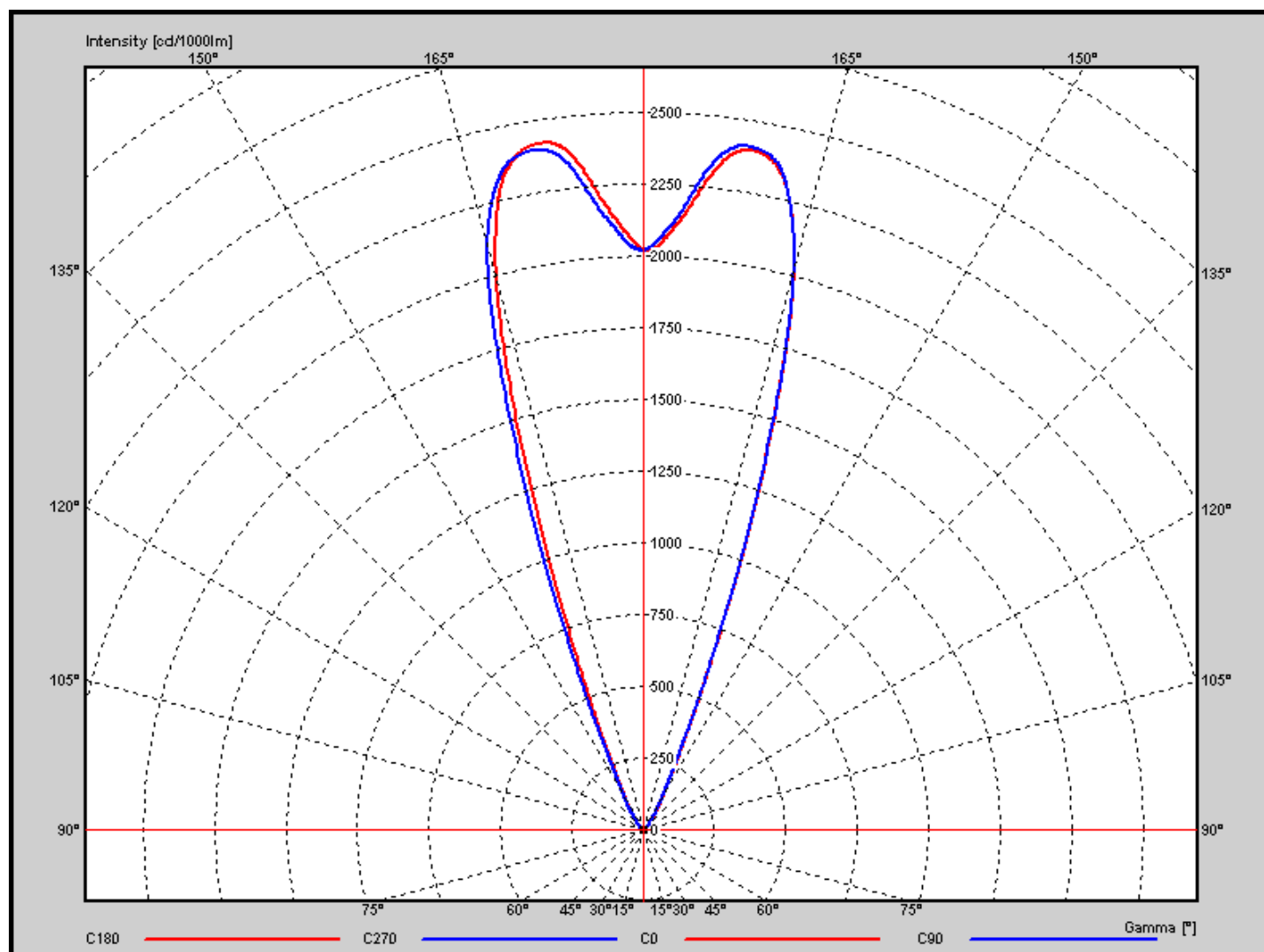
| C-planes: | 0.0° | 5.0° | 10.0° | 15.0° | 20.0° | 25.0° | 30.0° | 35.0° | 40.0° | 45.0° |
|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 50.0° | 55.0° | 60.0° | 65.0° | 70.0° | 75.0° | 80.0° | 85.0° | 90.0° | 95.0° |
| | 100.0° | 105.0° | 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° | 185.0° | 190.0° | 195.0° |
| | 200.0° | 205.0° | 210.0° | 215.0° | 220.0° | 225.0° | 230.0° | 235.0° | 240.0° | 245.0° |
| | 250.0° | 255.0° | 260.0° | 265.0° | 270.0° | 275.0° | 280.0° | 285.0° | 290.0° | 295.0° |
| | 300.0° | 305.0° | 310.0° | 315.0° | 320.0° | 325.0° | 330.0° | 335.0° | 340.0° | 345.0° |
| | 350.0° | 355.0° | | | | | | | | |

| Gamma: | 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° | 166.0° | 167.0° | 168.0° | 169.0° |
| | 170.0° | 171.0° | 172.0° | 173.0° | 174.0° | 175.0° | 176.0° | 177.0° | 178.0° | 179.0° |
| | 180.0° | | | | | | | | | |

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| Report Number: | | | |
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| Flux: | 1655 lm | Flux 2 | 0.00 lm |
| Date: | 15/11/2016 15.25.17 | | |
| Manufacturer: | PUK ITALIA | | |

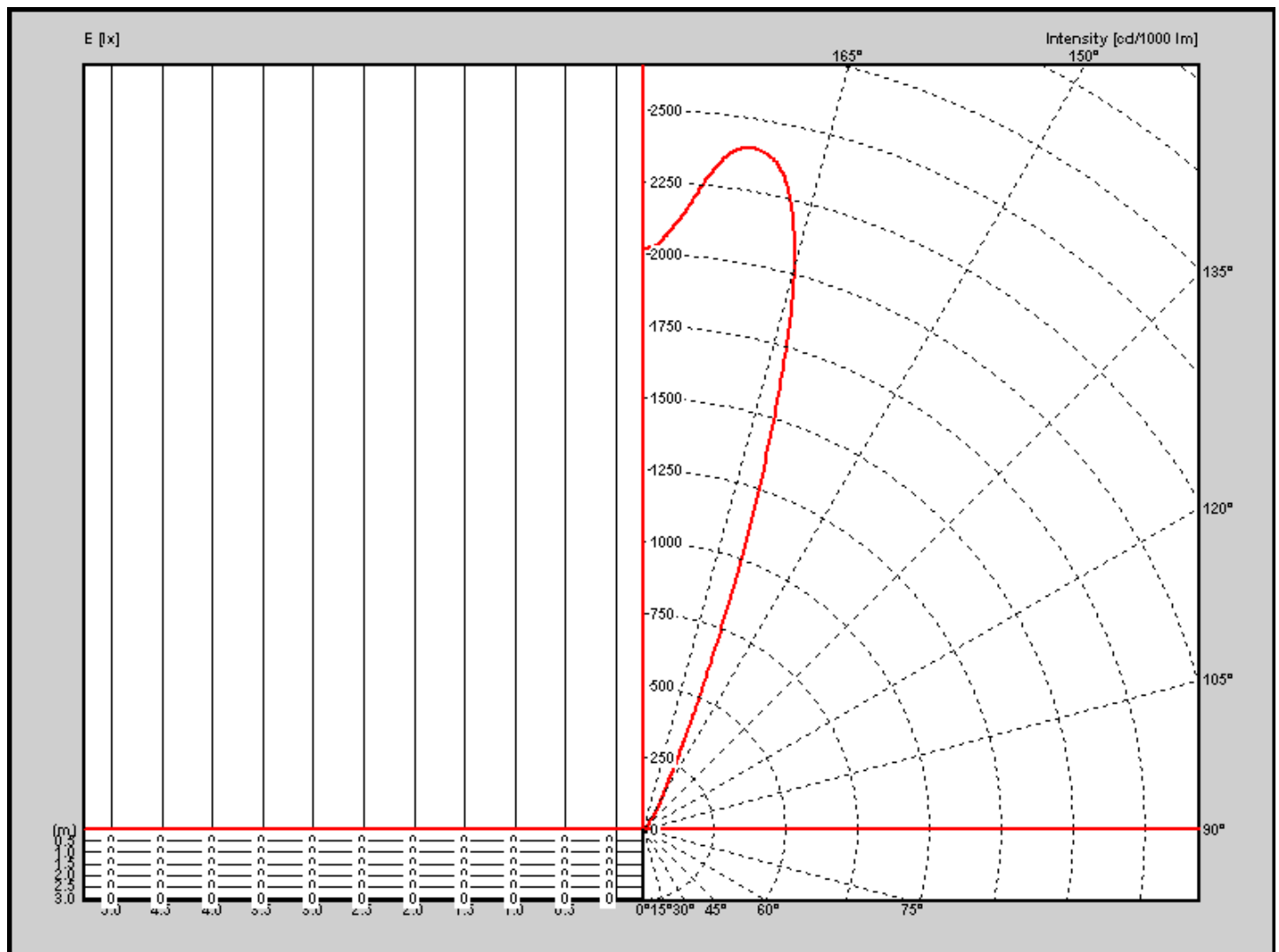
Polar diagram PUK ITALIA 1170-QL16-S32 HYDROFLOOR MAXI COMPACT 201048 FLOOD 45deg / C0 to C355 in 5 - Gamma 90 to 180



PHOTOMETRIC RESULTS

| | | | |
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Illuminance and Intensity diagram PUK ITALIA 1170-QL16-S32 HYDROFLOOR MAXI COMPACT 201048 FLOOD 45deg / C0 to C355 in 5 - Gamma 90 to 180



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| Flux: | 1655 lm | Flux 2 | 0.00 lm |
| Date: | 15/11/2016 15.25.17 | | |
| Manufacturer: | PUK ITALIA | | |

Zonal flux PUK ITALIA 1170-QL16-S32 HYDROFLOOR MAXI COMPACT 201048 FLOOD 45deg / C0 to C355 in 5 - Gamma 90 to 180

| Gamma [°] | Imin [cd/klm] | Imax [cd/klm] | Imean [cd/klm] | Zonal flux [lm] | Sum. zonal flux [lm] | Rel. zonal flux [%] | Sum. rel. zonal flux [%] |
|-----------|---------------|---------------|----------------|-----------------|----------------------|---------------------|--------------------------|
| 90.0 | 0.02 | 0.06 | 0.03 | 0 | 0 | 0.00 | 0.00 |
| 95.0 | 0.11 | 0.21 | 0.15 | 0 | 0 | 0.00 | 0.00 |
| 100.0 | 0.41 | 0.74 | 0.64 | 0 | 0 | 0.02 | 0.03 |
| 105.0 | 1.29 | 1.71 | 1.57 | 1 | 1 | 0.06 | 0.09 |
| 110.0 | 2.55 | 3.25 | 2.94 | 2 | 3 | 0.12 | 0.20 |
| 115.0 | 4.23 | 5.19 | 4.73 | 3 | 7 | 0.19 | 0.40 |
| 120.0 | 6.67 | 7.92 | 7.19 | 5 | 11 | 0.29 | 0.69 |
| 125.0 | 9.93 | 12.29 | 11.04 | 7 | 18 | 0.42 | 1.11 |
| 130.0 | 14.64 | 18.40 | 16.35 | 10 | 28 | 0.60 | 1.70 |
| 135.0 | 22.54 | 28.45 | 24.81 | 14 | 42 | 0.83 | 2.54 |
| 140.0 | 36.58 | 42.33 | 39.29 | 20 | 62 | 1.19 | 3.72 |
| 145.0 | 63.94 | 72.06 | 68.70 | 30 | 91 | 1.80 | 5.52 |
| 150.0 | 121.94 | 137.26 | 129.60 | 48 | 140 | 2.92 | 8.44 |
| 155.0 | 258.59 | 325.33 | 291.21 | 88 | 228 | 5.33 | 13.77 |
| 160.0 | 818.25 | 1062.89 | 936.24 | 213 | 441 | 12.87 | 26.64 |
| 165.0 | 1941.35 | 2129.42 | 2032.02 | 405 | 846 | 24.46 | 51.11 |
| 166.0 | 2089.99 | 2241.66 | 2165.15 | 95 | 941 | 5.76 | 56.87 |
| 167.0 | 2193.12 | 2329.63 | 2265.44 | 94 | 1035 | 5.67 | 62.54 |
| 168.0 | 2267.44 | 2388.78 | 2335.44 | 90 | 1126 | 5.46 | 68.00 |
| 169.0 | 2306.87 | 2419.11 | 2374.94 | 85 | 1211 | 5.15 | 73.15 |
| 170.0 | 2334.17 | 2440.34 | 2394.32 | 79 | 1290 | 4.77 | 77.91 |
| 171.0 | 2341.76 | 2447.93 | 2400.51 | 72 | 1362 | 4.34 | 82.25 |
| 172.0 | 2335.69 | 2440.34 | 2393.51 | 64 | 1426 | 3.89 | 86.14 |
| 173.0 | 2311.42 | 2416.08 | 2369.23 | 56 | 1482 | 3.41 | 89.55 |
| 174.0 | 2264.41 | 2367.54 | 2321.81 | 48 | 1531 | 2.91 | 92.46 |
| 175.0 | 2199.19 | 2299.29 | 2253.77 | 40 | 1570 | 2.40 | 94.86 |
| 176.0 | 2135.49 | 2217.39 | 2181.73 | 32 | 1602 | 1.91 | 96.77 |
| 177.0 | 2080.89 | 2153.69 | 2123.21 | 24 | 1626 | 1.44 | 98.21 |
| 178.0 | 2036.91 | 2100.61 | 2074.11 | 17 | 1642 | 1.00 | 99.22 |
| 179.0 | 2008.09 | 2053.59 | 2034.15 | 10 | 1652 | 0.59 | 99.81 |
| 180.0 | 2020.52 | 2020.52 | 2020.52 | 3 | 1655 | 0.19 | 100.00 |

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Zonal flux PUK ITALIA 1170-QL16-S32 HYDROFLOOR MAXI COMPACT 201048 FLOOD
45deg / C0 to C355 in 5 - Gamma 90 to 180

PHOTOMETRIC RESULTS

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| Flux: | 1655 lm | Flux 2 | 0.00 lm |
| Date: | 15/11/2016 15.25.17 | | |
| Manufacturer: | PUK ITALIA | | |

Intensity [cd/klm] PUK ITALIA 1170-QL16-S32 HYDROFLOOR MAXI COMPACT 201048 FLOOD 45deg / C0 to C355 in 5 - Gamma 90 to 180

| G/C [cd/klm] | 0.0 | 5.0 | 10.0 | 15.0 | 20.0 | 25.0 | 30.0 | 35.0 |
|--------------|---------|---------|---------|---------|---------|---------|---------|---------|
| 90.0 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 95.0 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.12 |
| 100.0 | 0.59 | 0.59 | 0.59 | 0.59 | 0.59 | 0.58 | 0.58 | 0.58 |
| 105.0 | 1.62 | 1.58 | 1.53 | 1.52 | 1.50 | 1.50 | 1.50 | 1.52 |
| 110.0 | 3.25 | 3.11 | 3.03 | 2.97 | 2.91 | 2.93 | 2.93 | 2.90 |
| 115.0 | 5.10 | 4.99 | 4.94 | 4.88 | 4.81 | 4.78 | 4.78 | 4.79 |
| 120.0 | 7.61 | 7.58 | 7.67 | 7.61 | 7.54 | 7.49 | 7.49 | 7.54 |
| 125.0 | 11.71 | 11.72 | 12.00 | 12.12 | 12.09 | 11.97 | 11.94 | 11.94 |
| 130.0 | 17.18 | 17.65 | 18.28 | 18.19 | 18.11 | 17.90 | 17.84 | 17.70 |
| 135.0 | 26.86 | 27.13 | 27.18 | 27.68 | 27.92 | 27.86 | 27.80 | 26.60 |
| 140.0 | 41.06 | 40.84 | 41.48 | 41.68 | 41.21 | 41.74 | 41.21 | 40.25 |
| 145.0 | 70.43 | 70.71 | 70.83 | 70.47 | 70.31 | 70.33 | 69.59 | 69.02 |
| 150.0 | 131.95 | 130.89 | 129.68 | 128.92 | 130.89 | 131.80 | 130.13 | 127.55 |
| 155.0 | 298.33 | 294.99 | 293.17 | 295.60 | 300.76 | 305.00 | 301.06 | 291.66 |
| 160.0 | 949.90 | 950.66 | 955.66 | 972.50 | 996.16 | 1007.99 | 994.19 | 960.36 |
| 165.0 | 2030.84 | 2049.04 | 2058.14 | 2059.65 | 2068.76 | 2074.82 | 2064.21 | 2052.07 |
| 166.0 | 2161.27 | 2177.96 | 2185.54 | 2182.51 | 2184.02 | 2190.09 | 2187.06 | 2180.99 |
| 167.0 | 2262.89 | 2282.61 | 2287.16 | 2281.09 | 2279.57 | 2284.12 | 2281.09 | 2278.06 |
| 168.0 | 2332.66 | 2352.37 | 2355.41 | 2349.34 | 2346.31 | 2352.37 | 2349.34 | 2346.31 |
| 169.0 | 2373.61 | 2391.81 | 2391.81 | 2384.23 | 2382.71 | 2385.74 | 2385.74 | 2384.23 |
| 170.0 | 2393.33 | 2408.49 | 2413.04 | 2405.46 | 2403.94 | 2405.46 | 2400.91 | 2400.91 |
| 171.0 | 2399.39 | 2413.04 | 2417.59 | 2410.01 | 2405.46 | 2406.98 | 2406.98 | 2408.49 |
| 172.0 | 2388.78 | 2400.91 | 2403.94 | 2400.91 | 2396.36 | 2399.39 | 2397.88 | 2396.36 |
| 173.0 | 2359.96 | 2369.06 | 2373.61 | 2372.09 | 2370.58 | 2373.61 | 2369.06 | 2362.99 |
| 174.0 | 2305.36 | 2312.94 | 2317.49 | 2317.49 | 2314.46 | 2315.97 | 2312.94 | 2306.87 |
| 175.0 | 2237.11 | 2241.66 | 2241.66 | 2240.14 | 2240.14 | 2244.69 | 2241.66 | 2235.59 |
| 176.0 | 2164.31 | 2167.34 | 2167.34 | 2167.34 | 2167.34 | 2171.89 | 2171.89 | 2168.86 |
| 177.0 | 2109.71 | 2109.71 | 2108.19 | 2108.19 | 2109.71 | 2115.77 | 2115.77 | 2114.26 |
| 178.0 | 2062.69 | 2062.69 | 2061.17 | 2059.65 | 2062.69 | 2068.76 | 2068.76 | 2065.72 |
| 179.0 | 2027.80 | 2029.32 | 2027.80 | 2026.29 | 2029.32 | 2033.87 | 2033.87 | 2029.32 |
| 180.0 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 |

| G/C [cd/klm] | 40.0 | 45.0 | 50.0 | 55.0 | 60.0 | 65.0 | 70.0 | 75.0 |
|--------------|------|------|------|------|------|------|------|------|
| 90.0 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 95.0 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.11 |
| 100.0 | 0.58 | 0.59 | 0.59 | 0.58 | 0.56 | 0.52 | 0.47 | 0.42 |
| 105.0 | 1.52 | 1.53 | 1.55 | 1.55 | 1.52 | 1.43 | 1.35 | 1.30 |
| 110.0 | 2.93 | 2.96 | 2.97 | 3.03 | 2.96 | 2.87 | 2.82 | 2.67 |
| 115.0 | 4.87 | 4.91 | 4.90 | 4.88 | 4.79 | 4.70 | 4.61 | 4.47 |
| 120.0 | 7.57 | 7.57 | 7.46 | 7.28 | 7.08 | 7.04 | 7.08 | 7.01 |

Intensity [cd/klm] PUK ITALIA 1170-QL16-S32 HYDROFLOOR MAXI COMPACT 201048 FLOOD 45deg / C0 to C355 in 5 - Gamma 90 to 180

| G/C [cd/klm] | 40.0 | 45.0 | 50.0 | 55.0 | 60.0 | 65.0 | 70.0 | 75.0 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| 125.0 | 11.80 | 11.72 | 11.44 | 11.09 | 10.90 | 10.89 | 10.94 | 10.78 |
| 130.0 | 17.67 | 17.41 | 16.82 | 16.30 | 16.11 | 16.27 | 16.24 | 16.03 |
| 135.0 | 26.10 | 25.75 | 25.09 | 25.04 | 24.57 | 24.52 | 24.39 | 24.31 |
| 140.0 | 39.75 | 39.71 | 39.30 | 39.59 | 39.04 | 37.99 | 38.01 | 37.98 |
| 145.0 | 69.39 | 69.25 | 69.42 | 68.21 | 66.57 | 65.93 | 65.73 | 65.49 |
| 150.0 | 127.25 | 128.92 | 128.61 | 127.40 | 126.04 | 124.97 | 125.13 | 126.19 |
| 155.0 | 284.07 | 280.89 | 279.68 | 279.22 | 277.70 | 276.34 | 279.22 | 282.25 |
| 160.0 | 920.93 | 897.12 | 886.80 | 881.80 | 878.61 | 872.24 | 878.01 | 892.26 |
| 165.0 | 2030.84 | 2009.60 | 1992.92 | 1980.79 | 1977.75 | 1964.10 | 1948.94 | 1961.07 |
| 166.0 | 2164.31 | 2149.14 | 2132.46 | 2124.87 | 2124.87 | 2103.64 | 2089.99 | 2099.09 |
| 167.0 | 2267.44 | 2255.31 | 2241.66 | 2237.11 | 2228.01 | 2203.74 | 2193.12 | 2205.26 |
| 168.0 | 2337.21 | 2329.63 | 2315.97 | 2308.39 | 2294.74 | 2273.51 | 2267.44 | 2281.09 |
| 169.0 | 2376.64 | 2372.09 | 2358.44 | 2349.34 | 2334.17 | 2312.94 | 2306.87 | 2323.56 |
| 170.0 | 2397.88 | 2390.29 | 2375.13 | 2362.99 | 2352.37 | 2337.21 | 2337.21 | 2347.82 |
| 171.0 | 2400.91 | 2391.81 | 2375.13 | 2364.51 | 2358.44 | 2349.34 | 2353.89 | 2366.03 |
| 172.0 | 2387.26 | 2381.19 | 2367.54 | 2361.48 | 2358.44 | 2352.37 | 2358.44 | 2369.06 |
| 173.0 | 2353.89 | 2349.34 | 2343.27 | 2341.76 | 2343.27 | 2338.72 | 2346.31 | 2353.89 |
| 174.0 | 2300.81 | 2300.81 | 2294.74 | 2297.77 | 2302.32 | 2300.81 | 2308.39 | 2317.49 |
| 175.0 | 2231.04 | 2235.59 | 2234.07 | 2237.11 | 2240.14 | 2240.14 | 2249.24 | 2258.34 |
| 176.0 | 2165.82 | 2170.37 | 2167.34 | 2170.37 | 2173.41 | 2171.89 | 2182.51 | 2188.57 |
| 177.0 | 2112.74 | 2117.29 | 2114.26 | 2114.26 | 2115.77 | 2114.26 | 2123.36 | 2129.42 |
| 178.0 | 2067.24 | 2073.31 | 2070.27 | 2071.79 | 2070.27 | 2070.27 | 2079.37 | 2085.44 |
| 179.0 | 2029.32 | 2035.39 | 2032.35 | 2033.87 | 2032.35 | 2029.32 | 2038.42 | 2042.97 |
| 180.0 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 |

| G/C [cd/klm] | 80.0 | 85.0 | 90.0 | 95.0 | 100.0 | 105.0 | 110.0 | 115.0 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| 90.0 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 |
| 95.0 | 0.11 | 0.11 | 0.12 | 0.12 | 0.14 | 0.14 | 0.12 | 0.14 |
| 100.0 | 0.41 | 0.46 | 0.50 | 0.50 | 0.56 | 0.55 | 0.53 | 0.59 |
| 105.0 | 1.29 | 1.30 | 1.35 | 1.40 | 1.41 | 1.46 | 1.53 | 1.53 |
| 110.0 | 2.55 | 2.58 | 2.62 | 2.64 | 2.75 | 2.82 | 2.87 | 2.97 |
| 115.0 | 4.32 | 4.23 | 4.34 | 4.46 | 4.58 | 4.64 | 4.67 | 4.66 |
| 120.0 | 6.92 | 6.75 | 6.75 | 6.96 | 7.08 | 7.05 | 6.93 | 6.93 |
| 125.0 | 10.72 | 10.62 | 10.54 | 10.54 | 10.51 | 10.50 | 10.45 | 10.51 |
| 130.0 | 15.82 | 15.53 | 15.36 | 15.35 | 15.55 | 15.47 | 15.41 | 15.26 |
| 135.0 | 24.22 | 23.77 | 23.48 | 23.34 | 23.13 | 23.11 | 23.33 | 23.13 |
| 140.0 | 37.33 | 37.42 | 36.90 | 36.78 | 36.70 | 36.58 | 37.05 | 37.63 |
| 145.0 | 64.75 | 64.05 | 63.94 | 64.05 | 64.63 | 65.02 | 65.72 | 66.20 |
| 150.0 | 126.79 | 126.34 | 125.28 | 124.22 | 123.46 | 122.55 | 123.00 | 124.67 |
| 155.0 | 288.02 | 290.44 | 287.26 | 280.13 | 272.24 | 266.18 | 264.96 | 265.57 |
| 160.0 | 917.90 | 935.19 | 933.97 | 904.09 | 867.24 | 839.79 | 828.72 | 825.53 |
| 165.0 | 1985.34 | 2008.09 | 2026.29 | 2023.25 | 2002.02 | 1974.72 | 1959.55 | 1951.97 |
| 166.0 | 2115.77 | 2137.01 | 2159.76 | 2167.34 | 2158.24 | 2138.52 | 2124.87 | 2117.29 |
| 167.0 | 2218.91 | 2237.11 | 2261.37 | 2273.51 | 2271.99 | 2256.82 | 2246.21 | 2238.62 |
| 168.0 | 2296.26 | 2314.46 | 2338.72 | 2352.37 | 2355.41 | 2344.79 | 2337.21 | 2329.63 |
| 169.0 | 2340.24 | 2359.96 | 2384.23 | 2399.39 | 2405.46 | 2396.36 | 2390.29 | 2384.23 |
| 170.0 | 2361.48 | 2381.19 | 2403.94 | 2417.59 | 2428.21 | 2422.14 | 2417.59 | 2411.53 |
| 171.0 | 2376.64 | 2393.33 | 2410.01 | 2425.18 | 2438.83 | 2434.28 | 2429.73 | 2425.18 |
| 172.0 | 2379.68 | 2391.81 | 2408.49 | 2422.14 | 2435.79 | 2432.76 | 2429.73 | 2423.66 |
| 173.0 | 2362.99 | 2375.13 | 2385.74 | 2399.39 | 2411.53 | 2408.49 | 2406.98 | 2406.98 |
| 174.0 | 2326.59 | 2334.17 | 2344.79 | 2355.41 | 2367.54 | 2367.54 | 2367.54 | 2364.51 |
| 175.0 | 2264.41 | 2270.47 | 2276.54 | 2285.64 | 2297.77 | 2299.29 | 2299.29 | 2297.77 |
| 176.0 | 2193.12 | 2196.16 | 2199.19 | 2205.26 | 2215.87 | 2212.84 | 2215.87 | 2217.39 |
| 177.0 | 2133.97 | 2132.46 | 2132.46 | 2138.52 | 2146.11 | 2144.59 | 2146.11 | 2147.62 |
| 178.0 | 2086.96 | 2085.44 | 2085.44 | 2089.99 | 2096.06 | 2093.02 | 2094.54 | 2096.06 |

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Intensity [cd/klm] PUK ITALIA 1170-QL16-S32 HYDROFLOOR MAXI COMPACT 201048
FLOOD 45deg / C0 to C355 in 5 - Gamma 90 to 180

| G/C [cd/klm] | 80.0 | 85.0 | 90.0 | 95.0 | 100.0 | 105.0 | 110.0 | 115.0 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| 179.0 | 2046.01 | 2044.49 | 2042.97 | 2046.01 | 2050.56 | 2044.49 | 2046.01 | 2047.52 |
| 180.0 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 |

| G/C [cd/klm] | 120.0 | 125.0 | 130.0 | 135.0 | 140.0 | 145.0 | 150.0 | 155.0 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| 90.0 | 0.03 | 0.03 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 |
| 95.0 | 0.15 | 0.15 | 0.17 | 0.18 | 0.18 | 0.20 | 0.20 | 0.20 |
| 100.0 | 0.62 | 0.67 | 0.68 | 0.70 | 0.70 | 0.70 | 0.70 | 0.71 |
| 105.0 | 1.55 | 1.58 | 1.58 | 1.58 | 1.58 | 1.55 | 1.56 | 1.55 |
| 110.0 | 2.94 | 2.88 | 2.87 | 2.84 | 2.81 | 2.84 | 2.82 | 2.81 |
| 115.0 | 4.63 | 4.58 | 4.55 | 4.53 | 4.50 | 4.47 | 4.44 | 4.44 |
| 120.0 | 6.90 | 6.90 | 6.98 | 7.01 | 6.89 | 6.78 | 6.69 | 6.67 |
| 125.0 | 10.48 | 10.37 | 10.57 | 10.77 | 10.66 | 10.66 | 10.60 | 10.47 |
| 130.0 | 15.27 | 15.49 | 15.58 | 15.55 | 15.59 | 15.58 | 15.42 | 15.27 |
| 135.0 | 22.83 | 23.14 | 23.11 | 23.42 | 23.86 | 23.93 | 23.54 | 23.21 |
| 140.0 | 37.25 | 36.81 | 37.66 | 38.39 | 38.31 | 38.55 | 37.96 | 37.63 |
| 145.0 | 65.64 | 65.11 | 66.02 | 66.95 | 66.83 | 66.86 | 65.99 | 65.93 |
| 150.0 | 123.46 | 121.94 | 122.70 | 123.61 | 125.13 | 126.34 | 124.97 | 124.22 |
| 155.0 | 262.54 | 258.59 | 261.48 | 267.54 | 275.73 | 282.71 | 280.89 | 277.55 |
| 160.0 | 821.59 | 818.25 | 830.38 | 856.02 | 890.44 | 916.53 | 916.83 | 898.03 |
| 165.0 | 1951.97 | 1951.97 | 1965.62 | 1991.40 | 2014.15 | 2027.80 | 2023.25 | 2005.05 |
| 166.0 | 2117.29 | 2115.77 | 2127.91 | 2144.59 | 2161.27 | 2167.34 | 2159.76 | 2141.56 |
| 167.0 | 2240.14 | 2238.62 | 2246.21 | 2259.86 | 2267.44 | 2267.44 | 2259.86 | 2243.17 |
| 168.0 | 2326.59 | 2325.07 | 2331.14 | 2341.76 | 2344.79 | 2343.27 | 2326.59 | 2306.87 |
| 169.0 | 2381.19 | 2376.64 | 2381.19 | 2388.78 | 2388.78 | 2382.71 | 2366.03 | 2344.79 |
| 170.0 | 2410.01 | 2405.46 | 2410.01 | 2414.56 | 2411.53 | 2400.91 | 2379.68 | 2362.99 |
| 171.0 | 2422.14 | 2413.04 | 2416.08 | 2420.63 | 2413.04 | 2400.91 | 2381.19 | 2370.58 |
| 172.0 | 2419.11 | 2410.01 | 2414.56 | 2414.56 | 2403.94 | 2391.81 | 2375.13 | 2369.06 |
| 173.0 | 2399.39 | 2387.26 | 2390.29 | 2388.78 | 2381.19 | 2370.58 | 2359.96 | 2355.41 |
| 174.0 | 2358.44 | 2347.82 | 2346.31 | 2346.31 | 2340.24 | 2337.21 | 2328.11 | 2326.59 |
| 175.0 | 2288.67 | 2273.51 | 2275.02 | 2278.06 | 2276.54 | 2276.54 | 2268.96 | 2268.96 |
| 176.0 | 2211.32 | 2199.19 | 2202.22 | 2206.77 | 2203.74 | 2200.71 | 2193.12 | 2194.64 |
| 177.0 | 2141.56 | 2130.94 | 2138.52 | 2143.07 | 2144.59 | 2143.07 | 2133.97 | 2133.97 |
| 178.0 | 2088.47 | 2077.86 | 2085.44 | 2091.51 | 2094.54 | 2091.51 | 2082.41 | 2083.92 |
| 179.0 | 2039.94 | 2030.84 | 2038.42 | 2046.01 | 2046.01 | 2044.49 | 2033.87 | 2035.39 |
| 180.0 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 |

| G/C [cd/klm] | 160.0 | 165.0 | 170.0 | 175.0 | 180.0 | 185.0 | 190.0 | 195.0 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| 90.0 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 |
| 95.0 | 0.20 | 0.20 | 0.20 | 0.20 | 0.21 | 0.20 | 0.20 | 0.20 |
| 100.0 | 0.71 | 0.71 | 0.71 | 0.71 | 0.74 | 0.74 | 0.74 | 0.74 |
| 105.0 | 1.55 | 1.58 | 1.62 | 1.65 | 1.67 | 1.67 | 1.61 | 1.58 |
| 110.0 | 2.85 | 2.88 | 2.96 | 3.11 | 3.17 | 3.00 | 2.88 | 2.85 |
| 115.0 | 4.47 | 4.55 | 4.64 | 4.82 | 4.76 | 4.60 | 4.52 | 4.47 |
| 120.0 | 6.76 | 6.79 | 6.79 | 6.76 | 6.72 | 6.75 | 6.79 | 6.73 |
| 125.0 | 10.39 | 10.18 | 10.01 | 9.93 | 9.93 | 9.98 | 10.18 | 10.34 |
| 130.0 | 15.20 | 15.02 | 14.89 | 14.71 | 14.64 | 14.79 | 15.02 | 15.26 |
| 135.0 | 23.13 | 22.80 | 22.54 | 22.60 | 22.60 | 22.74 | 22.77 | 22.95 |
| 140.0 | 37.51 | 37.08 | 37.05 | 37.43 | 37.55 | 37.60 | 37.83 | 38.34 |
| 145.0 | 66.19 | 66.04 | 65.99 | 66.45 | 66.67 | 67.08 | 67.42 | 67.96 |
| 150.0 | 123.91 | 123.61 | 124.52 | 126.04 | 126.64 | 126.79 | 126.34 | 127.10 |
| 155.0 | 272.85 | 268.15 | 268.60 | 273.00 | 275.28 | 275.13 | 275.28 | 279.98 |
| 160.0 | 868.76 | 840.70 | 834.02 | 848.58 | 865.72 | 874.37 | 879.37 | 900.00 |
| 165.0 | 1970.17 | 1941.35 | 1942.87 | 1961.07 | 1985.34 | 2011.12 | 2021.74 | 2035.39 |
| 166.0 | 2111.22 | 2093.02 | 2094.54 | 2112.74 | 2133.97 | 2161.27 | 2173.41 | 2179.47 |

Intensity [cd/klm] PUK ITALIA 1170-QL16-S32 HYDROFLOOR MAXI COMPACT 201048 FLOOD 45deg / C0 to C355 in 5 - Gamma 90 to 180

| G/C [cd/klm] | 160.0 | 165.0 | 170.0 | 175.0 | 180.0 | 185.0 | 190.0 | 195.0 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| 167.0 | 2217.39 | 2202.22 | 2209.81 | 2228.01 | 2252.27 | 2276.54 | 2284.12 | 2287.16 |
| 168.0 | 2285.64 | 2281.09 | 2291.71 | 2312.94 | 2335.69 | 2356.92 | 2362.99 | 2366.03 |
| 169.0 | 2328.11 | 2326.59 | 2340.24 | 2361.48 | 2382.71 | 2402.43 | 2406.98 | 2406.98 |
| 170.0 | 2352.37 | 2353.89 | 2369.06 | 2391.81 | 2411.53 | 2428.21 | 2431.24 | 2431.24 |
| 171.0 | 2362.99 | 2367.54 | 2384.23 | 2405.46 | 2420.63 | 2432.76 | 2438.83 | 2440.34 |
| 172.0 | 2366.03 | 2370.58 | 2382.71 | 2405.46 | 2419.11 | 2426.69 | 2428.21 | 2431.24 |
| 173.0 | 2356.92 | 2361.48 | 2375.13 | 2393.33 | 2402.43 | 2406.98 | 2405.46 | 2408.49 |
| 174.0 | 2328.11 | 2331.14 | 2341.76 | 2358.44 | 2361.48 | 2361.48 | 2358.44 | 2358.44 |
| 175.0 | 2270.47 | 2273.51 | 2281.09 | 2293.22 | 2294.74 | 2291.71 | 2287.16 | 2288.67 |
| 176.0 | 2194.64 | 2194.64 | 2202.22 | 2217.39 | 2217.39 | 2212.84 | 2205.26 | 2205.26 |
| 177.0 | 2132.46 | 2133.97 | 2141.56 | 2153.69 | 2152.17 | 2147.62 | 2140.04 | 2138.52 |
| 178.0 | 2082.41 | 2082.41 | 2088.47 | 2100.61 | 2099.09 | 2094.54 | 2088.47 | 2085.44 |
| 179.0 | 2035.39 | 2033.87 | 2041.46 | 2053.59 | 2052.07 | 2047.52 | 2039.94 | 2036.91 |
| 180.0 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 |

| G/C [cd/klm] | 200.0 | 205.0 | 210.0 | 215.0 | 220.0 | 225.0 | 230.0 | 235.0 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| 90.0 | 0.06 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 |
| 95.0 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| 100.0 | 0.73 | 0.73 | 0.73 | 0.74 | 0.74 | 0.74 | 0.73 | 0.73 |
| 105.0 | 1.61 | 1.61 | 1.62 | 1.61 | 1.62 | 1.62 | 1.67 | 1.70 |
| 110.0 | 2.84 | 2.87 | 2.87 | 2.85 | 2.90 | 2.94 | 2.99 | 3.05 |
| 115.0 | 4.44 | 4.46 | 4.49 | 4.55 | 4.66 | 4.76 | 4.82 | 4.91 |
| 120.0 | 6.69 | 6.70 | 6.76 | 6.87 | 7.07 | 7.20 | 7.17 | 7.10 |
| 125.0 | 10.43 | 10.54 | 10.62 | 10.71 | 10.77 | 10.68 | 10.54 | 10.50 |
| 130.0 | 15.55 | 15.77 | 15.97 | 16.05 | 15.94 | 15.74 | 15.71 | 15.62 |
| 135.0 | 23.40 | 23.57 | 23.63 | 23.83 | 23.81 | 23.71 | 23.84 | 23.74 |
| 140.0 | 38.69 | 38.86 | 39.07 | 39.33 | 39.84 | 39.83 | 39.54 | 39.45 |
| 145.0 | 68.78 | 68.81 | 69.10 | 69.87 | 70.45 | 70.45 | 71.07 | 70.68 |
| 150.0 | 129.52 | 130.13 | 130.28 | 131.19 | 131.04 | 130.43 | 132.71 | 133.32 |
| 155.0 | 289.84 | 295.45 | 295.90 | 293.33 | 288.47 | 284.68 | 288.78 | 293.17 |
| 160.0 | 938.52 | 965.98 | 971.74 | 959.45 | 940.19 | 924.42 | 925.48 | 936.55 |
| 165.0 | 2058.14 | 2073.31 | 2076.34 | 2074.82 | 2073.31 | 2064.21 | 2062.69 | 2059.65 |
| 166.0 | 2191.61 | 2197.67 | 2202.22 | 2203.74 | 2209.81 | 2200.71 | 2200.71 | 2196.16 |
| 167.0 | 2299.29 | 2305.36 | 2305.36 | 2303.84 | 2305.36 | 2302.32 | 2303.84 | 2299.29 |
| 168.0 | 2373.61 | 2375.13 | 2373.61 | 2372.09 | 2375.13 | 2372.09 | 2372.09 | 2364.51 |
| 169.0 | 2414.56 | 2414.56 | 2410.01 | 2406.98 | 2411.53 | 2411.53 | 2414.56 | 2400.91 |
| 170.0 | 2440.34 | 2437.31 | 2429.73 | 2428.21 | 2434.28 | 2429.73 | 2425.18 | 2410.01 |
| 171.0 | 2447.93 | 2443.38 | 2435.79 | 2432.76 | 2440.34 | 2431.24 | 2426.69 | 2410.01 |
| 172.0 | 2440.34 | 2435.79 | 2426.69 | 2423.66 | 2426.69 | 2419.11 | 2413.04 | 2397.88 |
| 173.0 | 2416.08 | 2411.53 | 2403.94 | 2397.88 | 2397.88 | 2387.26 | 2382.71 | 2367.54 |
| 174.0 | 2367.54 | 2361.48 | 2349.34 | 2344.79 | 2344.79 | 2332.66 | 2329.63 | 2319.01 |
| 175.0 | 2294.74 | 2290.19 | 2278.06 | 2273.51 | 2270.47 | 2259.86 | 2261.37 | 2250.76 |
| 176.0 | 2214.36 | 2209.81 | 2202.22 | 2200.71 | 2200.71 | 2193.12 | 2197.67 | 2190.09 |
| 177.0 | 2147.62 | 2144.59 | 2138.52 | 2138.52 | 2141.56 | 2135.49 | 2140.04 | 2132.46 |
| 178.0 | 2094.54 | 2089.99 | 2085.44 | 2085.44 | 2088.47 | 2083.92 | 2089.99 | 2082.41 |
| 179.0 | 2046.01 | 2041.46 | 2036.91 | 2038.42 | 2041.46 | 2038.42 | 2044.49 | 2039.94 |
| 180.0 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 |

| G/C [cd/klm] | 240.0 | 245.0 | 250.0 | 255.0 | 260.0 | 265.0 | 270.0 | 275.0 |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 90.0 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 |
| 95.0 | 0.20 | 0.20 | 0.18 | 0.18 | 0.18 | 0.17 | 0.17 | 0.17 |
| 100.0 | 0.71 | 0.71 | 0.70 | 0.68 | 0.68 | 0.68 | 0.68 | 0.70 |
| 105.0 | 1.71 | 1.68 | 1.67 | 1.67 | 1.65 | 1.65 | 1.65 | 1.67 |
| 110.0 | 3.03 | 2.97 | 2.97 | 2.97 | 2.96 | 2.96 | 2.97 | 2.97 |

Intensity [cd/klm] PUK ITALIA 1170-QL16-S32 HYDROFLOOR MAXI COMPACT 201048 FLOOD 45deg / C0 to C355 in 5 - Gamma 90 to 180

| G/C [cd/klm] | 240.0 | 245.0 | 250.0 | 255.0 | 260.0 | 265.0 | 270.0 | 275.0 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| 115.0 | 4.88 | 4.82 | 4.78 | 4.78 | 4.72 | 4.72 | 4.75 | 4.82 |
| 120.0 | 7.01 | 6.95 | 7.04 | 7.13 | 7.11 | 7.11 | 7.20 | 7.37 |
| 125.0 | 10.51 | 10.53 | 10.65 | 10.72 | 10.75 | 10.77 | 10.94 | 11.06 |
| 130.0 | 15.58 | 15.55 | 15.73 | 15.76 | 15.76 | 15.76 | 15.83 | 15.94 |
| 135.0 | 23.58 | 23.42 | 23.57 | 23.83 | 23.66 | 24.15 | 24.22 | 24.37 |
| 140.0 | 39.28 | 39.01 | 39.18 | 39.18 | 38.81 | 39.24 | 39.66 | 39.78 |
| 145.0 | 70.43 | 70.57 | 70.90 | 70.80 | 70.50 | 70.22 | 70.80 | 70.94 |
| 150.0 | 134.07 | 134.68 | 135.59 | 135.59 | 136.20 | 136.96 | 137.26 | 135.89 |
| 155.0 | 296.97 | 299.09 | 302.73 | 307.58 | 314.41 | 321.99 | 325.18 | 320.32 |
| 160.0 | 947.62 | 954.45 | 966.13 | 981.29 | 1010.26 | 1038.32 | 1055.00 | 1049.24 |
| 165.0 | 2053.59 | 2050.56 | 2046.01 | 2046.01 | 2064.21 | 2082.41 | 2108.19 | 2129.42 |
| 166.0 | 2188.57 | 2177.96 | 2167.34 | 2165.82 | 2177.96 | 2191.61 | 2217.39 | 2241.66 |
| 167.0 | 2287.16 | 2265.92 | 2250.76 | 2252.27 | 2264.41 | 2275.02 | 2299.29 | 2326.59 |
| 168.0 | 2350.86 | 2326.59 | 2311.42 | 2312.94 | 2322.04 | 2332.66 | 2358.44 | 2381.19 |
| 169.0 | 2382.71 | 2358.44 | 2347.82 | 2350.86 | 2355.41 | 2361.48 | 2385.74 | 2411.53 |
| 170.0 | 2393.33 | 2376.64 | 2369.06 | 2370.58 | 2373.61 | 2376.64 | 2397.88 | 2419.11 |
| 171.0 | 2388.78 | 2376.64 | 2372.09 | 2376.64 | 2379.68 | 2384.23 | 2400.91 | 2422.14 |
| 172.0 | 2381.19 | 2369.06 | 2369.06 | 2372.09 | 2373.61 | 2376.64 | 2388.78 | 2405.46 |
| 173.0 | 2353.89 | 2347.82 | 2349.34 | 2353.89 | 2350.86 | 2350.86 | 2361.48 | 2375.13 |
| 174.0 | 2309.91 | 2303.84 | 2303.84 | 2303.84 | 2302.32 | 2300.81 | 2306.87 | 2317.49 |
| 175.0 | 2241.66 | 2235.59 | 2238.62 | 2240.14 | 2237.11 | 2231.04 | 2234.07 | 2240.14 |
| 176.0 | 2180.99 | 2176.44 | 2177.96 | 2176.44 | 2171.89 | 2161.27 | 2164.31 | 2167.34 |
| 177.0 | 2124.87 | 2120.32 | 2121.84 | 2121.84 | 2117.29 | 2109.71 | 2112.74 | 2115.77 |
| 178.0 | 2076.34 | 2073.31 | 2076.34 | 2076.34 | 2070.27 | 2064.21 | 2064.21 | 2064.21 |
| 179.0 | 2033.87 | 2032.35 | 2036.91 | 2038.42 | 2033.87 | 2027.80 | 2029.32 | 2029.32 |
| 180.0 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 |

| G/C [cd/klm] | 280.0 | 285.0 | 290.0 | 295.0 | 300.0 | 305.0 | 310.0 | 315.0 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| 90.0 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 95.0 | 0.17 | 0.15 | 0.15 | 0.15 | 0.14 | 0.12 | 0.14 | 0.12 |
| 100.0 | 0.70 | 0.68 | 0.65 | 0.65 | 0.64 | 0.64 | 0.62 | 0.62 |
| 105.0 | 1.65 | 1.64 | 1.65 | 1.68 | 1.67 | 1.62 | 1.59 | 1.59 |
| 110.0 | 3.02 | 3.05 | 3.11 | 3.19 | 3.17 | 3.09 | 3.08 | 3.05 |
| 115.0 | 4.91 | 4.96 | 4.93 | 4.93 | 4.94 | 4.91 | 4.93 | 4.90 |
| 120.0 | 7.57 | 7.57 | 7.46 | 7.48 | 7.51 | 7.52 | 7.64 | 7.70 |
| 125.0 | 11.27 | 11.33 | 11.30 | 11.39 | 11.66 | 11.74 | 11.91 | 12.03 |
| 130.0 | 16.32 | 16.70 | 16.79 | 16.82 | 17.26 | 17.81 | 18.22 | 18.12 |
| 135.0 | 24.54 | 25.09 | 25.45 | 25.87 | 26.21 | 26.78 | 27.03 | 27.77 |
| 140.0 | 40.65 | 40.75 | 40.36 | 41.21 | 41.45 | 41.34 | 42.01 | 42.33 |
| 145.0 | 71.56 | 71.53 | 70.83 | 70.68 | 70.97 | 70.84 | 71.04 | 71.51 |
| 150.0 | 135.14 | 134.68 | 134.38 | 134.38 | 134.38 | 132.71 | 131.19 | 132.10 |
| 155.0 | 312.59 | 307.43 | 305.91 | 306.82 | 307.28 | 304.25 | 303.79 | 309.55 |
| 160.0 | 1018.00 | 996.92 | 984.93 | 983.27 | 985.24 | 985.69 | 992.82 | 1015.42 |
| 165.0 | 2120.32 | 2100.61 | 2074.82 | 2068.76 | 2071.79 | 2074.82 | 2080.89 | 2094.54 |
| 166.0 | 2240.14 | 2224.97 | 2202.22 | 2190.09 | 2196.16 | 2197.67 | 2202.22 | 2208.29 |
| 167.0 | 2329.63 | 2317.49 | 2296.26 | 2288.67 | 2291.71 | 2291.71 | 2291.71 | 2293.22 |
| 168.0 | 2388.78 | 2381.19 | 2361.48 | 2352.37 | 2356.92 | 2355.41 | 2350.86 | 2349.34 |
| 169.0 | 2419.11 | 2414.56 | 2397.88 | 2390.29 | 2396.36 | 2393.33 | 2388.78 | 2382.71 |
| 170.0 | 2429.73 | 2429.73 | 2413.04 | 2403.94 | 2408.49 | 2408.49 | 2402.43 | 2390.29 |
| 171.0 | 2432.76 | 2432.76 | 2416.08 | 2410.01 | 2414.56 | 2410.01 | 2403.94 | 2393.33 |
| 172.0 | 2417.59 | 2417.59 | 2402.43 | 2396.36 | 2402.43 | 2396.36 | 2388.78 | 2376.64 |
| 173.0 | 2381.19 | 2382.71 | 2370.58 | 2364.51 | 2369.06 | 2361.48 | 2349.34 | 2338.72 |
| 174.0 | 2322.04 | 2323.56 | 2314.46 | 2308.39 | 2311.42 | 2303.84 | 2293.22 | 2282.61 |
| 175.0 | 2243.17 | 2243.17 | 2232.56 | 2228.01 | 2237.11 | 2229.52 | 2221.94 | 2215.87 |
| 176.0 | 2168.86 | 2167.34 | 2156.72 | 2152.17 | 2161.27 | 2156.72 | 2150.66 | 2147.62 |

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Intensity [cd/klm] PUK ITALIA 1170-QL16-S32 HYDROFLOOR MAXI COMPACT 201048
FLOOD 45deg / C0 to C355 in 5 - Gamma 90 to 180

| G/C [cd/klm] | 280.0 | 285.0 | 290.0 | 295.0 | 300.0 | 305.0 | 310.0 | 315.0 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| 177.0 | 2115.77 | 2112.74 | 2100.61 | 2096.06 | 2108.19 | 2103.64 | 2100.61 | 2097.57 |
| 178.0 | 2064.21 | 2059.65 | 2050.56 | 2044.49 | 2056.62 | 2052.07 | 2049.04 | 2047.52 |
| 179.0 | 2029.32 | 2027.80 | 2018.70 | 2012.64 | 2024.77 | 2021.74 | 2018.70 | 2018.70 |
| 180.0 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 |

| G/C [cd/klm] | 320.0 | 325.0 | 330.0 | 335.0 | 340.0 | 345.0 | 350.0 | 355.0 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| 90.0 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 95.0 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.11 | 0.11 |
| 100.0 | 0.62 | 0.61 | 0.59 | 0.59 | 0.59 | 0.59 | 0.59 | 0.58 |
| 105.0 | 1.58 | 1.56 | 1.58 | 1.58 | 1.56 | 1.59 | 1.62 | 1.64 |
| 110.0 | 2.97 | 2.97 | 2.97 | 2.96 | 3.00 | 3.05 | 3.11 | 3.20 |
| 115.0 | 4.85 | 4.84 | 4.85 | 4.90 | 4.99 | 5.07 | 5.11 | 5.19 |
| 120.0 | 7.64 | 7.60 | 7.61 | 7.70 | 7.89 | 7.92 | 7.81 | 7.70 |
| 125.0 | 12.01 | 12.03 | 12.12 | 12.19 | 12.29 | 12.07 | 11.83 | 11.71 |
| 130.0 | 18.20 | 17.96 | 17.96 | 17.99 | 18.25 | 18.40 | 17.99 | 17.44 |
| 135.0 | 28.30 | 28.45 | 28.27 | 27.94 | 27.77 | 27.24 | 27.07 | 26.89 |
| 140.0 | 41.80 | 42.24 | 41.77 | 40.83 | 40.92 | 40.90 | 40.34 | 41.07 |
| 145.0 | 71.39 | 71.57 | 71.25 | 71.06 | 71.12 | 72.06 | 70.81 | 70.47 |
| 150.0 | 133.92 | 136.20 | 135.74 | 134.53 | 134.53 | 135.59 | 134.23 | 132.86 |
| 155.0 | 318.50 | 325.33 | 323.66 | 315.93 | 309.71 | 306.22 | 301.52 | 300.30 |
| 160.0 | 1044.69 | 1062.89 | 1057.89 | 1030.74 | 1004.04 | 977.35 | 950.66 | 947.02 |
| 165.0 | 2105.16 | 2103.64 | 2094.54 | 2068.76 | 2035.39 | 2015.67 | 2008.09 | 2009.60 |
| 166.0 | 2215.87 | 2209.81 | 2197.67 | 2170.37 | 2146.11 | 2137.01 | 2130.94 | 2138.52 |
| 167.0 | 2296.26 | 2287.16 | 2271.99 | 2243.17 | 2224.97 | 2224.97 | 2226.49 | 2237.11 |
| 168.0 | 2349.34 | 2338.72 | 2319.01 | 2293.22 | 2282.61 | 2290.19 | 2296.26 | 2311.42 |
| 169.0 | 2378.16 | 2362.99 | 2340.24 | 2322.04 | 2319.01 | 2328.11 | 2334.17 | 2349.34 |
| 170.0 | 2384.23 | 2364.51 | 2347.82 | 2334.17 | 2338.72 | 2352.37 | 2358.44 | 2372.09 |
| 171.0 | 2382.71 | 2364.51 | 2349.34 | 2341.76 | 2350.86 | 2362.99 | 2369.06 | 2381.19 |
| 172.0 | 2367.54 | 2353.89 | 2343.27 | 2335.69 | 2344.79 | 2359.96 | 2364.51 | 2373.61 |
| 173.0 | 2331.14 | 2323.56 | 2317.49 | 2311.42 | 2323.56 | 2338.72 | 2341.76 | 2349.34 |
| 174.0 | 2275.02 | 2270.47 | 2267.44 | 2264.41 | 2276.54 | 2290.19 | 2288.67 | 2294.74 |
| 175.0 | 2212.84 | 2206.77 | 2203.74 | 2199.19 | 2211.32 | 2226.49 | 2226.49 | 2229.52 |
| 176.0 | 2146.11 | 2143.07 | 2140.04 | 2135.49 | 2146.11 | 2159.76 | 2155.21 | 2158.24 |
| 177.0 | 2096.06 | 2093.02 | 2086.96 | 2080.89 | 2093.02 | 2109.71 | 2103.64 | 2105.16 |
| 178.0 | 2047.52 | 2046.01 | 2041.46 | 2036.91 | 2049.04 | 2064.21 | 2058.14 | 2058.14 |
| 179.0 | 2018.70 | 2015.67 | 2014.15 | 2008.09 | 2020.22 | 2033.87 | 2026.29 | 2024.77 |
| 180.0 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 | 2020.52 |

PHOTOMETRIC RESULTS

| | | | |
|-----------------------|---|---------------|---------|
| File Name: | PUK ITALIA 1170-QL16-S32 HYDROFLOOR MAXI COMPACT 201048 FLOOD 45deg | | |
| Sample Number: | 1170-QL16-S32 | | |
| Report Number: | | | |
| Model: | HYDROFLOOR MAXI COMPACT 201048 FLOOD 45deg | | |
| Flux: | 1655 lm | Flux 2 | 0.00 lm |
| Date: | 15/11/2016 15.25.17 | | |
| Manufacturer: | PUK ITALIA | | |

Intensity [cd] PUK ITALIA 1170-QL16-S32 HYDROFLOOR MAXI COMPACT 201048 FLOOD 45deg / C0 to C355 in 5 - Gamma 90 to 180

| G/C [cd] | 0.0 | 5.0 | 10.0 | 15.0 | 20.0 | 25.0 | 30.0 | 35.0 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95.0 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 100.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 105.0 | 2.7 | 2.6 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 110.0 | 5.4 | 5.1 | 5.0 | 4.9 | 4.8 | 4.8 | 4.8 | 4.8 |
| 115.0 | 8.4 | 8.3 | 8.2 | 8.1 | 8.0 | 7.9 | 7.9 | 7.9 |
| 120.0 | 12.6 | 12.6 | 12.7 | 12.6 | 12.5 | 12.4 | 12.4 | 12.5 |
| 125.0 | 19.4 | 19.4 | 19.9 | 20.1 | 20.0 | 19.8 | 19.8 | 19.8 |
| 130.0 | 28.4 | 29.2 | 30.3 | 30.1 | 30.0 | 29.6 | 29.5 | 29.3 |
| 135.0 | 44.5 | 44.9 | 45.0 | 45.8 | 46.2 | 46.1 | 46.0 | 44.0 |
| 140.0 | 68.0 | 67.6 | 68.7 | 69.0 | 68.2 | 69.1 | 68.2 | 66.6 |
| 145.0 | 116.6 | 117.0 | 117.2 | 116.6 | 116.4 | 116.4 | 115.2 | 114.3 |
| 150.0 | 218.4 | 216.7 | 214.7 | 213.4 | 216.7 | 218.2 | 215.4 | 211.1 |
| 155.0 | 493.8 | 488.3 | 485.3 | 489.3 | 497.9 | 504.9 | 498.4 | 482.8 |
| 160.0 | 1572.4 | 1573.7 | 1582.0 | 1609.8 | 1649.0 | 1668.6 | 1645.7 | 1589.7 |
| 165.0 | 3361.7 | 3391.9 | 3406.9 | 3409.4 | 3424.5 | 3434.6 | 3417.0 | 3396.9 |
| 166.0 | 3577.7 | 3605.3 | 3617.8 | 3612.8 | 3615.3 | 3625.4 | 3620.3 | 3610.3 |
| 167.0 | 3745.9 | 3778.5 | 3786.0 | 3776.0 | 3773.5 | 3781.0 | 3776.0 | 3771.0 |
| 168.0 | 3861.4 | 3894.0 | 3899.0 | 3889.0 | 3884.0 | 3894.0 | 3889.0 | 3884.0 |
| 169.0 | 3929.2 | 3959.3 | 3959.3 | 3946.7 | 3944.2 | 3949.2 | 3949.2 | 3946.7 |
| 170.0 | 3961.8 | 3986.9 | 3994.4 | 3981.9 | 3979.4 | 3981.9 | 3974.3 | 3974.3 |
| 171.0 | 3971.8 | 3994.4 | 4002.0 | 3989.4 | 3981.9 | 3984.4 | 3984.4 | 3986.9 |
| 172.0 | 3954.3 | 3974.3 | 3979.4 | 3974.3 | 3966.8 | 3971.8 | 3969.3 | 3966.8 |
| 173.0 | 3906.6 | 3921.6 | 3929.2 | 3926.6 | 3924.1 | 3929.2 | 3921.6 | 3911.6 |
| 174.0 | 3816.2 | 3828.7 | 3836.3 | 3836.3 | 3831.2 | 3833.7 | 3828.7 | 3818.7 |
| 175.0 | 3703.2 | 3710.7 | 3710.7 | 3708.2 | 3708.2 | 3715.7 | 3710.7 | 3700.7 |
| 176.0 | 3582.7 | 3587.7 | 3587.7 | 3587.7 | 3587.7 | 3595.2 | 3595.2 | 3590.2 |
| 177.0 | 3492.3 | 3492.3 | 3489.8 | 3489.8 | 3492.3 | 3502.3 | 3502.3 | 3499.8 |
| 178.0 | 3414.5 | 3414.5 | 3412.0 | 3409.4 | 3414.5 | 3424.5 | 3424.5 | 3419.5 |
| 179.0 | 3356.7 | 3359.2 | 3356.7 | 3354.2 | 3359.2 | 3366.8 | 3366.8 | 3359.2 |
| 180.0 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 |

| G/C [cd] | 40.0 | 45.0 | 50.0 | 55.0 | 60.0 | 65.0 | 70.0 | 75.0 |
|----------|------|------|------|------|------|------|------|------|
| 90.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95.0 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 100.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.8 | 0.7 |
| 105.0 | 2.5 | 2.5 | 2.6 | 2.6 | 2.5 | 2.4 | 2.2 | 2.2 |
| 110.0 | 4.8 | 4.9 | 4.9 | 5.0 | 4.9 | 4.7 | 4.7 | 4.4 |
| 115.0 | 8.1 | 8.1 | 8.1 | 8.1 | 7.9 | 7.8 | 7.6 | 7.4 |
| 120.0 | 12.5 | 12.5 | 12.4 | 12.1 | 11.7 | 11.6 | 11.7 | 11.6 |
| 125.0 | 19.5 | 19.4 | 18.9 | 18.4 | 18.1 | 18.0 | 18.1 | 17.9 |
| 130.0 | 29.2 | 28.8 | 27.8 | 27.0 | 26.7 | 26.9 | 26.9 | 26.5 |

Intensity [cd] PUK ITALIA 1170-QL16-S32 HYDROFLOOR MAXI COMPACT 201048 FLOOD 45deg / C0 to C355 in 5 - Gamma 90 to 180

| G/C [cd] | 40.0 | 45.0 | 50.0 | 55.0 | 60.0 | 65.0 | 70.0 | 75.0 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 135.0 | 43.2 | 42.6 | 41.5 | 41.5 | 40.7 | 40.6 | 40.4 | 40.2 |
| 140.0 | 65.8 | 65.7 | 65.1 | 65.5 | 64.6 | 62.9 | 62.9 | 62.9 |
| 145.0 | 114.9 | 114.6 | 114.9 | 112.9 | 110.2 | 109.1 | 108.8 | 108.4 |
| 150.0 | 210.6 | 213.4 | 212.9 | 210.9 | 208.6 | 206.9 | 207.1 | 208.9 |
| 155.0 | 470.2 | 465.0 | 463.0 | 462.2 | 459.7 | 457.4 | 462.2 | 467.2 |
| 160.0 | 1524.5 | 1485.0 | 1468.0 | 1459.7 | 1454.4 | 1443.9 | 1453.4 | 1477.0 |
| 165.0 | 3361.7 | 3326.6 | 3299.0 | 3278.9 | 3273.9 | 3251.3 | 3226.2 | 3246.3 |
| 166.0 | 3582.7 | 3557.6 | 3530.0 | 3517.4 | 3517.4 | 3482.3 | 3459.7 | 3474.7 |
| 167.0 | 3753.4 | 3733.3 | 3710.7 | 3703.2 | 3688.1 | 3648.0 | 3630.4 | 3650.5 |
| 168.0 | 3868.9 | 3856.3 | 3833.7 | 3821.2 | 3798.6 | 3763.5 | 3753.4 | 3776.0 |
| 169.0 | 3934.2 | 3926.6 | 3904.0 | 3889.0 | 3863.9 | 3828.7 | 3818.7 | 3846.3 |
| 170.0 | 3969.3 | 3956.8 | 3931.7 | 3911.6 | 3894.0 | 3868.9 | 3868.9 | 3886.5 |
| 171.0 | 3974.3 | 3959.3 | 3931.7 | 3914.1 | 3904.0 | 3889.0 | 3896.5 | 3916.6 |
| 172.0 | 3951.7 | 3941.7 | 3919.1 | 3909.1 | 3904.0 | 3894.0 | 3904.0 | 3921.6 |
| 173.0 | 3896.5 | 3889.0 | 3878.9 | 3876.4 | 3878.9 | 3871.4 | 3884.0 | 3896.5 |
| 174.0 | 3808.6 | 3808.6 | 3798.6 | 3803.6 | 3811.2 | 3808.6 | 3821.2 | 3836.3 |
| 175.0 | 3693.2 | 3700.7 | 3698.2 | 3703.2 | 3708.2 | 3708.2 | 3723.3 | 3738.3 |
| 176.0 | 3585.2 | 3592.7 | 3587.7 | 3592.7 | 3597.7 | 3595.2 | 3612.8 | 3622.9 |
| 177.0 | 3497.3 | 3504.9 | 3499.8 | 3499.8 | 3502.3 | 3499.8 | 3514.9 | 3524.9 |
| 178.0 | 3422.0 | 3432.0 | 3427.0 | 3429.5 | 3427.0 | 3427.0 | 3442.1 | 3452.1 |
| 179.0 | 3359.2 | 3369.3 | 3364.3 | 3366.8 | 3364.3 | 3359.2 | 3374.3 | 3381.8 |
| 180.0 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 |

| G/C [cd] | 80.0 | 85.0 | 90.0 | 95.0 | 100.0 | 105.0 | 110.0 | 115.0 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 |
| 95.0 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 100.0 | 0.7 | 0.8 | 0.8 | 0.8 | 0.9 | 0.9 | 0.9 | 1.0 |
| 105.0 | 2.1 | 2.2 | 2.2 | 2.3 | 2.3 | 2.4 | 2.5 | 2.5 |
| 110.0 | 4.2 | 4.3 | 4.3 | 4.4 | 4.5 | 4.7 | 4.7 | 4.9 |
| 115.0 | 7.2 | 7.0 | 7.2 | 7.4 | 7.6 | 7.7 | 7.7 | 7.7 |
| 120.0 | 11.4 | 11.2 | 11.2 | 11.5 | 11.7 | 11.7 | 11.5 | 11.5 |
| 125.0 | 17.8 | 17.6 | 17.4 | 17.4 | 17.4 | 17.4 | 17.3 | 17.4 |
| 130.0 | 26.2 | 25.7 | 25.4 | 25.4 | 25.7 | 25.6 | 25.5 | 25.3 |
| 135.0 | 40.1 | 39.3 | 38.9 | 38.6 | 38.3 | 38.3 | 38.6 | 38.3 |
| 140.0 | 61.8 | 61.9 | 61.1 | 60.9 | 60.8 | 60.6 | 61.3 | 62.3 |
| 145.0 | 107.2 | 106.0 | 105.8 | 106.0 | 107.0 | 107.6 | 108.8 | 109.6 |
| 150.0 | 209.9 | 209.1 | 207.4 | 205.6 | 204.4 | 202.9 | 203.6 | 206.4 |
| 155.0 | 476.8 | 480.8 | 475.5 | 463.7 | 450.7 | 440.6 | 438.6 | 439.6 |
| 160.0 | 1519.4 | 1548.1 | 1546.1 | 1496.6 | 1435.6 | 1390.1 | 1371.8 | 1366.5 |
| 165.0 | 3286.4 | 3324.1 | 3354.2 | 3349.2 | 3314.0 | 3268.9 | 3243.7 | 3231.2 |
| 166.0 | 3502.3 | 3537.5 | 3575.2 | 3587.7 | 3572.6 | 3540.0 | 3517.4 | 3504.9 |
| 167.0 | 3673.1 | 3703.2 | 3743.4 | 3763.5 | 3760.9 | 3735.8 | 3718.3 | 3705.7 |
| 168.0 | 3801.1 | 3831.2 | 3871.4 | 3894.0 | 3899.0 | 3881.5 | 3868.9 | 3856.3 |
| 169.0 | 3873.9 | 3906.6 | 3946.7 | 3971.8 | 3981.9 | 3966.8 | 3956.8 | 3946.7 |
| 170.0 | 3909.1 | 3941.7 | 3979.4 | 4002.0 | 4019.5 | 4009.5 | 4002.0 | 3991.9 |
| 171.0 | 3934.2 | 3961.8 | 3989.4 | 4014.5 | 4037.1 | 4029.6 | 4022.0 | 4014.5 |
| 172.0 | 3939.2 | 3959.3 | 3986.9 | 4009.5 | 4032.1 | 4027.1 | 4022.0 | 4012.0 |
| 173.0 | 3911.6 | 3931.7 | 3949.2 | 3971.8 | 3991.9 | 3986.9 | 3984.4 | 3984.4 |
| 174.0 | 3851.3 | 3863.9 | 3881.5 | 3899.0 | 3919.1 | 3919.1 | 3919.1 | 3914.1 |
| 175.0 | 3748.4 | 3758.4 | 3768.5 | 3783.5 | 3803.6 | 3806.1 | 3806.1 | 3803.6 |
| 176.0 | 3630.4 | 3635.4 | 3640.4 | 3650.5 | 3668.0 | 3663.0 | 3668.0 | 3670.6 |
| 177.0 | 3532.5 | 3530.0 | 3530.0 | 3540.0 | 3552.6 | 3550.0 | 3552.6 | 3555.1 |
| 178.0 | 3454.6 | 3452.1 | 3452.1 | 3459.7 | 3469.7 | 3464.7 | 3467.2 | 3469.7 |
| 179.0 | 3386.9 | 3384.3 | 3381.8 | 3386.9 | 3394.4 | 3384.3 | 3386.9 | 3389.4 |
| 180.0 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 |

Intensity [cd] PUK ITALIA 1170-QL16-S32 HYDROFLOOR MAXI COMPACT 201048 FLOOD 45deg / C0 to C355 in 5 - Gamma 90 to 180

| G/C [cd] | 120.0 | 125.0 | 130.0 | 135.0 | 140.0 | 145.0 | 150.0 | 155.0 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 95.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 100.0 | 1.0 | 1.1 | 1.1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 105.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| 110.0 | 4.9 | 4.8 | 4.7 | 4.7 | 4.6 | 4.7 | 4.7 | 4.6 |
| 115.0 | 7.7 | 7.6 | 7.5 | 7.5 | 7.5 | 7.4 | 7.4 | 7.4 |
| 120.0 | 11.4 | 11.4 | 11.5 | 11.6 | 11.4 | 11.2 | 11.1 | 11.0 |
| 125.0 | 17.3 | 17.2 | 17.5 | 17.8 | 17.6 | 17.6 | 17.5 | 17.3 |
| 130.0 | 25.3 | 25.6 | 25.8 | 25.7 | 25.8 | 25.8 | 25.5 | 25.3 |
| 135.0 | 37.8 | 38.3 | 38.3 | 38.8 | 39.5 | 39.6 | 39.0 | 38.4 |
| 140.0 | 61.7 | 60.9 | 62.3 | 63.5 | 63.4 | 63.8 | 62.8 | 62.3 |
| 145.0 | 108.7 | 107.8 | 109.3 | 110.8 | 110.6 | 110.7 | 109.2 | 109.1 |
| 150.0 | 204.4 | 201.9 | 203.1 | 204.6 | 207.1 | 209.1 | 206.9 | 205.6 |
| 155.0 | 434.6 | 428.1 | 432.8 | 442.9 | 456.4 | 468.0 | 465.0 | 459.4 |
| 160.0 | 1360.0 | 1354.5 | 1374.6 | 1417.0 | 1474.0 | 1517.2 | 1517.7 | 1486.6 |
| 165.0 | 3231.2 | 3231.2 | 3253.8 | 3296.5 | 3334.1 | 3356.7 | 3349.2 | 3319.1 |
| 166.0 | 3504.9 | 3502.3 | 3522.4 | 3550.0 | 3577.7 | 3587.7 | 3575.2 | 3545.0 |
| 167.0 | 3708.2 | 3705.7 | 3718.3 | 3740.9 | 3753.4 | 3753.4 | 3740.9 | 3713.2 |
| 168.0 | 3851.3 | 3848.8 | 3858.9 | 3876.4 | 3881.5 | 3878.9 | 3851.3 | 3818.7 |
| 169.0 | 3941.7 | 3934.2 | 3941.7 | 3954.3 | 3954.3 | 3944.2 | 3916.6 | 3881.5 |
| 170.0 | 3989.4 | 3981.9 | 3989.4 | 3996.9 | 3991.9 | 3974.3 | 3939.2 | 3911.6 |
| 171.0 | 4009.5 | 3994.4 | 3999.5 | 4007.0 | 3994.4 | 3974.3 | 3941.7 | 3924.1 |
| 172.0 | 4004.5 | 3989.4 | 3996.9 | 3996.9 | 3979.4 | 3959.3 | 3931.7 | 3921.6 |
| 173.0 | 3971.8 | 3951.7 | 3956.8 | 3954.3 | 3941.7 | 3924.1 | 3906.6 | 3899.0 |
| 174.0 | 3904.0 | 3886.5 | 3884.0 | 3884.0 | 3873.9 | 3868.9 | 3853.8 | 3851.3 |
| 175.0 | 3788.6 | 3763.5 | 3766.0 | 3771.0 | 3768.5 | 3768.5 | 3755.9 | 3755.9 |
| 176.0 | 3660.5 | 3640.4 | 3645.5 | 3653.0 | 3648.0 | 3642.9 | 3630.4 | 3632.9 |
| 177.0 | 3545.0 | 3527.5 | 3540.0 | 3547.5 | 3550.0 | 3547.5 | 3532.5 | 3532.5 |
| 178.0 | 3457.2 | 3439.6 | 3452.1 | 3462.2 | 3467.2 | 3462.2 | 3447.1 | 3449.6 |
| 179.0 | 3376.8 | 3361.7 | 3374.3 | 3386.9 | 3386.9 | 3384.3 | 3366.8 | 3369.3 |
| 180.0 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 |

| G/C [cd] | 160.0 | 165.0 | 170.0 | 175.0 | 180.0 | 185.0 | 190.0 | 195.0 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 95.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.3 | 0.3 | 0.3 |
| 100.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 105.0 | 2.6 | 2.6 | 2.7 | 2.7 | 2.8 | 2.8 | 2.7 | 2.6 |
| 110.0 | 4.7 | 4.8 | 4.9 | 5.1 | 5.2 | 5.0 | 4.8 | 4.7 |
| 115.0 | 7.4 | 7.5 | 7.7 | 8.0 | 7.9 | 7.6 | 7.5 | 7.4 |
| 120.0 | 11.2 | 11.2 | 11.2 | 11.2 | 11.1 | 11.2 | 11.2 | 11.1 |
| 125.0 | 17.2 | 16.8 | 16.6 | 16.4 | 16.4 | 16.5 | 16.8 | 17.1 |
| 130.0 | 25.2 | 24.9 | 24.7 | 24.4 | 24.2 | 24.5 | 24.9 | 25.3 |
| 135.0 | 38.3 | 37.7 | 37.3 | 37.4 | 37.4 | 37.6 | 37.7 | 38.0 |
| 140.0 | 62.1 | 61.4 | 61.3 | 62.0 | 62.2 | 62.2 | 62.6 | 63.5 |
| 145.0 | 109.6 | 109.3 | 109.2 | 110.0 | 110.4 | 111.0 | 111.6 | 112.5 |
| 150.0 | 205.1 | 204.6 | 206.1 | 208.6 | 209.6 | 209.9 | 209.1 | 210.4 |
| 155.0 | 451.7 | 443.9 | 444.6 | 451.9 | 455.7 | 455.4 | 455.7 | 463.5 |
| 160.0 | 1438.1 | 1391.6 | 1380.6 | 1404.7 | 1433.1 | 1447.4 | 1455.7 | 1489.8 |
| 165.0 | 3261.3 | 3213.6 | 3216.1 | 3246.3 | 3286.4 | 3329.1 | 3346.7 | 3369.3 |
| 166.0 | 3494.8 | 3464.7 | 3467.2 | 3497.3 | 3532.5 | 3577.7 | 3597.7 | 3607.8 |
| 167.0 | 3670.6 | 3645.5 | 3658.0 | 3688.1 | 3728.3 | 3768.5 | 3781.0 | 3786.0 |
| 168.0 | 3783.5 | 3776.0 | 3793.6 | 3828.7 | 3866.4 | 3901.5 | 3911.6 | 3916.6 |
| 169.0 | 3853.8 | 3851.3 | 3873.9 | 3909.1 | 3944.2 | 3976.9 | 3984.4 | 3984.4 |
| 170.0 | 3894.0 | 3896.5 | 3921.6 | 3959.3 | 3991.9 | 4019.5 | 4024.6 | 4024.6 |
| 171.0 | 3911.6 | 3919.1 | 3946.7 | 3981.9 | 4007.0 | 4027.1 | 4037.1 | 4039.6 |
| 172.0 | 3916.6 | 3924.1 | 3944.2 | 3981.9 | 4004.5 | 4017.0 | 4019.5 | 4024.6 |
| 173.0 | 3901.5 | 3909.1 | 3931.7 | 3961.8 | 3976.9 | 3984.4 | 3981.9 | 3986.9 |

Intensity [cd] PUK ITALIA 1170-QL16-S32 HYDROFLOOR MAXI COMPACT 201048 FLOOD 45deg / C0 to C355 in 5 - Gamma 90 to 180

| G/C [cd] | 160.0 | 165.0 | 170.0 | 175.0 | 180.0 | 185.0 | 190.0 | 195.0 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 174.0 | 3853.8 | 3858.9 | 3876.4 | 3904.0 | 3909.1 | 3909.1 | 3904.0 | 3904.0 |
| 175.0 | 3758.4 | 3763.5 | 3776.0 | 3796.1 | 3798.6 | 3793.6 | 3786.0 | 3788.6 |
| 176.0 | 3632.9 | 3632.9 | 3645.5 | 3670.6 | 3670.6 | 3663.0 | 3650.5 | 3650.5 |
| 177.0 | 3530.0 | 3532.5 | 3545.0 | 3565.1 | 3562.6 | 3555.1 | 3542.5 | 3540.0 |
| 178.0 | 3447.1 | 3447.1 | 3457.2 | 3477.2 | 3474.7 | 3467.2 | 3457.2 | 3452.1 |
| 179.0 | 3369.3 | 3366.8 | 3379.3 | 3399.4 | 3396.9 | 3389.4 | 3376.8 | 3371.8 |
| 180.0 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 |

| G/C [cd] | 200.0 | 205.0 | 210.0 | 215.0 | 220.0 | 225.0 | 230.0 | 235.0 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 95.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 100.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 105.0 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.8 | 2.8 |
| 110.0 | 4.7 | 4.7 | 4.7 | 4.7 | 4.8 | 4.9 | 4.9 | 5.0 |
| 115.0 | 7.4 | 7.4 | 7.4 | 7.5 | 7.7 | 7.9 | 8.0 | 8.1 |
| 120.0 | 11.1 | 11.1 | 11.2 | 11.4 | 11.7 | 11.9 | 11.9 | 11.7 |
| 125.0 | 17.3 | 17.4 | 17.6 | 17.7 | 17.8 | 17.7 | 17.4 | 17.4 |
| 130.0 | 25.7 | 26.1 | 26.4 | 26.6 | 26.4 | 26.1 | 26.0 | 25.9 |
| 135.0 | 38.7 | 39.0 | 39.1 | 39.4 | 39.4 | 39.2 | 39.5 | 39.3 |
| 140.0 | 64.0 | 64.3 | 64.7 | 65.1 | 66.0 | 65.9 | 65.5 | 65.3 |
| 145.0 | 113.9 | 113.9 | 114.4 | 115.7 | 116.6 | 116.6 | 117.6 | 117.0 |
| 150.0 | 214.4 | 215.4 | 215.7 | 217.2 | 216.9 | 215.9 | 219.7 | 220.7 |
| 155.0 | 479.8 | 489.1 | 489.8 | 485.6 | 477.5 | 471.2 | 478.0 | 485.3 |
| 160.0 | 1553.6 | 1599.0 | 1608.6 | 1588.2 | 1556.3 | 1530.2 | 1532.0 | 1550.3 |
| 165.0 | 3406.9 | 3432.0 | 3437.1 | 3434.6 | 3432.0 | 3417.0 | 3414.5 | 3409.4 |
| 166.0 | 3627.9 | 3637.9 | 3645.5 | 3648.0 | 3658.0 | 3642.9 | 3642.9 | 3635.4 |
| 167.0 | 3806.1 | 3816.2 | 3816.2 | 3813.7 | 3816.2 | 3811.2 | 3813.7 | 3806.1 |
| 168.0 | 3929.2 | 3931.7 | 3929.2 | 3926.6 | 3931.7 | 3926.6 | 3926.6 | 3914.1 |
| 169.0 | 3996.9 | 3996.9 | 3989.4 | 3984.4 | 3991.9 | 3991.9 | 3996.9 | 3974.3 |
| 170.0 | 4039.6 | 4034.6 | 4022.0 | 4019.5 | 4029.6 | 4022.0 | 4014.5 | 3989.4 |
| 171.0 | 4052.2 | 4044.6 | 4032.1 | 4027.1 | 4039.6 | 4024.6 | 4017.0 | 3989.4 |
| 172.0 | 4039.6 | 4032.1 | 4017.0 | 4012.0 | 4017.0 | 4004.5 | 3994.4 | 3969.3 |
| 173.0 | 3999.5 | 3991.9 | 3979.4 | 3969.3 | 3969.3 | 3951.7 | 3944.2 | 3919.1 |
| 174.0 | 3919.1 | 3909.1 | 3889.0 | 3881.5 | 3881.5 | 3861.4 | 3856.3 | 3838.8 |
| 175.0 | 3798.6 | 3791.1 | 3771.0 | 3763.5 | 3758.4 | 3740.9 | 3743.4 | 3725.8 |
| 176.0 | 3665.5 | 3658.0 | 3645.5 | 3642.9 | 3642.9 | 3630.4 | 3637.9 | 3625.4 |
| 177.0 | 3555.1 | 3550.0 | 3540.0 | 3540.0 | 3545.0 | 3535.0 | 3542.5 | 3530.0 |
| 178.0 | 3467.2 | 3459.7 | 3452.1 | 3452.1 | 3457.2 | 3449.6 | 3459.7 | 3447.1 |
| 179.0 | 3386.9 | 3379.3 | 3371.8 | 3374.3 | 3379.3 | 3374.3 | 3384.3 | 3376.8 |
| 180.0 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 |

| G/C [cd] | 240.0 | 245.0 | 250.0 | 255.0 | 260.0 | 265.0 | 270.0 | 275.0 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 |
| 95.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 100.0 | 1.2 | 1.2 | 1.2 | 1.1 | 1.1 | 1.1 | 1.1 | 1.2 |
| 105.0 | 2.8 | 2.8 | 2.8 | 2.8 | 2.7 | 2.7 | 2.7 | 2.8 |
| 110.0 | 5.0 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 |
| 115.0 | 8.1 | 8.0 | 7.9 | 7.9 | 7.8 | 7.8 | 7.9 | 8.0 |
| 120.0 | 11.6 | 11.5 | 11.6 | 11.8 | 11.8 | 11.8 | 11.9 | 12.2 |
| 125.0 | 17.4 | 17.4 | 17.6 | 17.8 | 17.8 | 17.8 | 18.1 | 18.3 |
| 130.0 | 25.8 | 25.7 | 26.0 | 26.1 | 26.1 | 26.1 | 26.2 | 26.4 |
| 135.0 | 39.0 | 38.8 | 39.0 | 39.4 | 39.2 | 40.0 | 40.1 | 40.3 |
| 140.0 | 65.0 | 64.6 | 64.8 | 64.8 | 64.2 | 65.0 | 65.7 | 65.9 |
| 145.0 | 116.6 | 116.8 | 117.4 | 117.2 | 116.7 | 116.2 | 117.2 | 117.4 |
| 150.0 | 221.9 | 222.9 | 224.5 | 224.5 | 225.5 | 226.7 | 227.2 | 225.0 |
| 155.0 | 491.6 | 495.1 | 501.1 | 509.2 | 520.5 | 533.0 | 538.3 | 530.2 |
| 160.0 | 1568.6 | 1579.9 | 1599.3 | 1624.4 | 1672.3 | 1718.8 | 1746.4 | 1736.9 |

Intensity [cd] PUK ITALIA 1170-QL16-S32 HYDROFLOOR MAXI COMPACT 201048 FLOOD 45deg / C0 to C355 in 5 - Gamma 90 to 180

| G/C [cd] | 240.0 | 245.0 | 250.0 | 255.0 | 260.0 | 265.0 | 270.0 | 275.0 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 165.0 | 3399.4 | 3394.4 | 3386.9 | 3386.9 | 3417.0 | 3447.1 | 3489.8 | 3524.9 |
| 166.0 | 3622.9 | 3605.3 | 3587.7 | 3585.2 | 3605.3 | 3627.9 | 3670.6 | 3710.7 |
| 167.0 | 3786.0 | 3750.9 | 3725.8 | 3728.3 | 3748.4 | 3766.0 | 3806.1 | 3851.3 |
| 168.0 | 3891.5 | 3851.3 | 3826.2 | 3828.7 | 3843.8 | 3861.4 | 3904.0 | 3941.7 |
| 169.0 | 3944.2 | 3904.0 | 3886.5 | 3891.5 | 3899.0 | 3909.1 | 3949.2 | 3991.9 |
| 170.0 | 3961.8 | 3934.2 | 3921.6 | 3924.1 | 3929.2 | 3934.2 | 3969.3 | 4004.5 |
| 171.0 | 3954.3 | 3934.2 | 3926.6 | 3934.2 | 3939.2 | 3946.7 | 3974.3 | 4009.5 |
| 172.0 | 3941.7 | 3921.6 | 3921.6 | 3926.6 | 3929.2 | 3934.2 | 3954.3 | 3981.9 |
| 173.0 | 3896.5 | 3886.5 | 3889.0 | 3896.5 | 3891.5 | 3891.5 | 3909.1 | 3931.7 |
| 174.0 | 3823.7 | 3813.7 | 3813.7 | 3813.7 | 3811.2 | 3808.6 | 3818.7 | 3836.3 |
| 175.0 | 3710.7 | 3700.7 | 3705.7 | 3708.2 | 3703.2 | 3693.2 | 3698.2 | 3708.2 |
| 176.0 | 3610.3 | 3602.8 | 3605.3 | 3602.8 | 3595.2 | 3577.7 | 3582.7 | 3587.7 |
| 177.0 | 3517.4 | 3509.9 | 3512.4 | 3512.4 | 3504.9 | 3492.3 | 3497.3 | 3502.3 |
| 178.0 | 3437.1 | 3432.0 | 3437.1 | 3437.1 | 3427.0 | 3417.0 | 3417.0 | 3417.0 |
| 179.0 | 3366.8 | 3364.3 | 3371.8 | 3374.3 | 3366.8 | 3356.7 | 3359.2 | 3359.2 |
| 180.0 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 |

| G/C [cd] | 280.0 | 285.0 | 290.0 | 295.0 | 300.0 | 305.0 | 310.0 | 315.0 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 |
| 100.0 | 1.2 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 | 1.0 |
| 105.0 | 2.7 | 2.7 | 2.7 | 2.8 | 2.8 | 2.7 | 2.6 | 2.6 |
| 110.0 | 5.0 | 5.0 | 5.1 | 5.3 | 5.2 | 5.1 | 5.1 | 5.0 |
| 115.0 | 8.1 | 8.2 | 8.2 | 8.2 | 8.2 | 8.1 | 8.2 | 8.1 |
| 120.0 | 12.5 | 12.5 | 12.4 | 12.4 | 12.4 | 12.5 | 12.7 | 12.8 |
| 125.0 | 18.7 | 18.8 | 18.7 | 18.9 | 19.3 | 19.4 | 19.7 | 19.9 |
| 130.0 | 27.0 | 27.6 | 27.8 | 27.8 | 28.6 | 29.5 | 30.2 | 30.0 |
| 135.0 | 40.6 | 41.5 | 42.1 | 42.8 | 43.4 | 44.3 | 44.7 | 46.0 |
| 140.0 | 67.3 | 67.5 | 66.8 | 68.2 | 68.6 | 68.4 | 69.5 | 70.1 |
| 145.0 | 118.5 | 118.4 | 117.2 | 117.0 | 117.5 | 117.3 | 117.6 | 118.4 |
| 150.0 | 223.7 | 222.9 | 222.4 | 222.4 | 222.4 | 219.7 | 217.2 | 218.7 |
| 155.0 | 517.4 | 508.9 | 506.4 | 507.9 | 508.7 | 503.6 | 502.9 | 512.4 |
| 160.0 | 1685.1 | 1650.2 | 1630.4 | 1627.6 | 1630.9 | 1631.7 | 1643.5 | 1680.9 |
| 165.0 | 3509.9 | 3477.2 | 3434.6 | 3424.5 | 3429.5 | 3434.6 | 3444.6 | 3467.2 |
| 166.0 | 3708.2 | 3683.1 | 3645.5 | 3625.4 | 3635.4 | 3637.9 | 3645.5 | 3655.5 |
| 167.0 | 3856.3 | 3836.3 | 3801.1 | 3788.6 | 3793.6 | 3793.6 | 3793.6 | 3796.1 |
| 168.0 | 3954.3 | 3941.7 | 3909.1 | 3894.0 | 3901.5 | 3899.0 | 3891.5 | 3889.0 |
| 169.0 | 4004.5 | 3996.9 | 3969.3 | 3956.8 | 3966.8 | 3961.8 | 3954.3 | 3944.2 |
| 170.0 | 4022.0 | 4022.0 | 3994.4 | 3979.4 | 3986.9 | 3986.9 | 3976.9 | 3956.8 |
| 171.0 | 4027.1 | 4027.1 | 3999.5 | 3989.4 | 3996.9 | 3989.4 | 3979.4 | 3961.8 |
| 172.0 | 4002.0 | 4002.0 | 3976.9 | 3966.8 | 3976.9 | 3966.8 | 3954.3 | 3934.2 |
| 173.0 | 3941.7 | 3944.2 | 3924.1 | 3914.1 | 3921.6 | 3909.1 | 3889.0 | 3871.4 |
| 174.0 | 3843.8 | 3846.3 | 3831.2 | 3821.2 | 3826.2 | 3813.7 | 3796.1 | 3778.5 |
| 175.0 | 3713.2 | 3713.2 | 3695.7 | 3688.1 | 3703.2 | 3690.6 | 3678.1 | 3668.0 |
| 176.0 | 3590.2 | 3587.7 | 3570.1 | 3562.6 | 3577.7 | 3570.1 | 3560.1 | 3555.1 |
| 177.0 | 3502.3 | 3497.3 | 3477.2 | 3469.7 | 3489.8 | 3482.3 | 3477.2 | 3472.2 |
| 178.0 | 3417.0 | 3409.4 | 3394.4 | 3384.3 | 3404.4 | 3396.9 | 3391.9 | 3389.4 |
| 179.0 | 3359.2 | 3356.7 | 3341.7 | 3331.6 | 3351.7 | 3346.7 | 3341.7 | 3341.7 |
| 180.0 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 |

| G/C [cd] | 320.0 | 325.0 | 330.0 | 335.0 | 340.0 | 345.0 | 350.0 | 355.0 |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|
| 90.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95.0 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 100.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 105.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.7 | 2.7 |
| 110.0 | 4.9 | 4.9 | 4.9 | 4.9 | 5.0 | 5.0 | 5.1 | 5.3 |
| 115.0 | 8.0 | 8.0 | 8.0 | 8.1 | 8.3 | 8.4 | 8.5 | 8.6 |

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Intensity [cd] PUK ITALIA 1170-QL16-S32 HYDROFLOOR MAXI COMPACT 201048 FLOOD
45deg / C0 to C355 in 5 - Gamma 90 to 180

| G/C [cd] | 320.0 | 325.0 | 330.0 | 335.0 | 340.0 | 345.0 | 350.0 | 355.0 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 120.0 | 12.7 | 12.6 | 12.6 | 12.8 | 13.1 | 13.1 | 12.9 | 12.8 |
| 125.0 | 19.9 | 19.9 | 20.1 | 20.2 | 20.3 | 20.0 | 19.6 | 19.4 |
| 130.0 | 30.1 | 29.7 | 29.7 | 29.8 | 30.2 | 30.5 | 29.8 | 28.9 |
| 135.0 | 46.8 | 47.1 | 46.8 | 46.2 | 46.0 | 45.1 | 44.8 | 44.5 |
| 140.0 | 69.2 | 69.9 | 69.1 | 67.6 | 67.7 | 67.7 | 66.8 | 68.0 |
| 145.0 | 118.2 | 118.5 | 117.9 | 117.6 | 117.7 | 119.3 | 117.2 | 116.6 |
| 150.0 | 221.7 | 225.5 | 224.7 | 222.7 | 222.7 | 224.5 | 222.2 | 219.9 |
| 155.0 | 527.2 | 538.5 | 535.8 | 523.0 | 512.7 | 506.9 | 499.1 | 497.1 |
| 160.0 | 1729.3 | 1759.5 | 1751.2 | 1706.2 | 1662.0 | 1617.9 | 1573.7 | 1567.6 |
| 165.0 | 3484.8 | 3482.3 | 3467.2 | 3424.5 | 3369.3 | 3336.6 | 3324.1 | 3326.6 |
| 166.0 | 3668.0 | 3658.0 | 3637.9 | 3592.7 | 3552.6 | 3537.5 | 3527.5 | 3540.0 |
| 167.0 | 3801.1 | 3786.0 | 3760.9 | 3713.2 | 3683.1 | 3683.1 | 3685.6 | 3703.2 |
| 168.0 | 3889.0 | 3871.4 | 3838.8 | 3796.1 | 3778.5 | 3791.1 | 3801.1 | 3826.2 |
| 169.0 | 3936.7 | 3911.6 | 3873.9 | 3843.8 | 3838.8 | 3853.8 | 3863.9 | 3889.0 |
| 170.0 | 3946.7 | 3914.1 | 3886.5 | 3863.9 | 3871.4 | 3894.0 | 3904.0 | 3926.6 |
| 171.0 | 3944.2 | 3914.1 | 3889.0 | 3876.4 | 3891.5 | 3911.6 | 3921.6 | 3941.7 |
| 172.0 | 3919.1 | 3896.5 | 3878.9 | 3866.4 | 3881.5 | 3906.6 | 3914.1 | 3929.2 |
| 173.0 | 3858.9 | 3846.3 | 3836.3 | 3826.2 | 3846.3 | 3871.4 | 3876.4 | 3889.0 |
| 174.0 | 3766.0 | 3758.4 | 3753.4 | 3748.4 | 3768.5 | 3791.1 | 3788.6 | 3798.6 |
| 175.0 | 3663.0 | 3653.0 | 3648.0 | 3640.4 | 3660.5 | 3685.6 | 3685.6 | 3690.6 |
| 176.0 | 3552.6 | 3547.5 | 3542.5 | 3535.0 | 3552.6 | 3575.2 | 3567.6 | 3572.6 |
| 177.0 | 3469.7 | 3464.7 | 3454.6 | 3444.6 | 3464.7 | 3492.3 | 3482.3 | 3484.8 |
| 178.0 | 3389.4 | 3386.9 | 3379.3 | 3371.8 | 3391.9 | 3417.0 | 3406.9 | 3406.9 |
| 179.0 | 3341.7 | 3336.6 | 3334.1 | 3324.1 | 3344.2 | 3366.8 | 3354.2 | 3351.7 |
| 180.0 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 | 3344.7 |

PHOTOMETRIC RESULTS

| | | | |
|-----------------------|---|---------------|---------|
| File Name: | PUK ITALIA 1170-QL16-S32 HYDROFLOOR MAXI COMPACT 201048 FLOOD 45deg | | |
| Sample Number: | 1170-QL16-S32 | | |
| Report Number: | | | |
| Model: | HYDROFLOOR MAXI COMPACT 201048 FLOOD 45deg | | |
| Flux: | 1655 lm | Flux 2 | 0.00 lm |
| Date: | 15/11/2016 15.25.17 | | |
| Manufacturer: | PUK ITALIA | | |

Electrical protocol PUK ITALIA 1170-QL16-S32 HYDROFLOOR MAXI COMPACT 201048 FLOOD 45deg / C0 to C355 in 5 - Gamma 90 to 180

| [deg] | U [V] | I [A] | P [W] | PF |
|-------|--------|-------|-------|--------|
| 90.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 95.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 100.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 105.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 110.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 115.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 120.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 125.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 130.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 135.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 140.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 145.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 150.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 155.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 160.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 165.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 166.0 | 230.02 | 0.126 | 26.2 | 0.9066 |
| 167.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 168.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 169.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 170.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 171.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 172.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 173.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 174.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 175.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 176.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 177.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 178.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 179.0 | 230.02 | 0.126 | 26.2 | 0.9065 |
| 180.0 | 230.02 | 0.126 | 26.2 | 0.9065 |