



IES ROAD REPORT

PHOTOMETRIC FILENAME : WDS SEL 2 UV CP 7SEL [40W, 4K-5K].IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB] Standard-Tech Co., Ltd. Testing Center

[TESTDATE] 09 November 2020

[ISSUEDATE] 2020-11-09 15:05:14

[NEARFIELD]

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-R5000_V2 SYSTEM

[MANUFAC] LumenFocus, LLC.

[LUMINAIRE] LED DESIGNER FULL CUTOFF WALL PACK 40W-40K/50K/120-277V/DIM

[LUMCAT] WDS SEL 2 UV CP 7SEL [40W, 4K-5K]

[OTHER]

| [OTHER] | Gamma(deg) | Fz(lm) | Ft(lm) | %Lum | %Lamp |
|---------|------------|--------|--------|------|-------|
|---------|------------|--------|--------|------|-------|

| | | | | | |
|---------|-------|--------|--------|------|------|
| [OTHER] | 0- 10 | 188.20 | 188.20 | 3.28 | 3.28 |
|---------|-------|--------|--------|------|------|

| | | | | | |
|---------|--------|--------|--------|-------|-------|
| [OTHER] | 10- 20 | 544.92 | 733.12 | 12.76 | 12.76 |
|---------|--------|--------|--------|-------|-------|

| | | | | | |
|---------|--------|--------|---------|-------|-------|
| [OTHER] | 20- 30 | 842.20 | 1575.31 | 27.42 | 27.42 |
|---------|--------|--------|---------|-------|-------|

| | | | | | |
|---------|--------|---------|---------|-------|-------|
| [OTHER] | 30- 40 | 1049.05 | 2624.36 | 45.68 | 45.68 |
|---------|--------|---------|---------|-------|-------|

| | | | | | |
|---------|--------|---------|---------|-------|-------|
| [OTHER] | 40- 50 | 1131.13 | 3755.49 | 65.37 | 65.37 |
|---------|--------|---------|---------|-------|-------|

| | | | | | |
|---------|--------|--------|---------|-------|-------|
| [OTHER] | 50- 60 | 996.16 | 4751.65 | 82.71 | 82.71 |
|---------|--------|--------|---------|-------|-------|

| | | | | | |
|---------|--------|--------|---------|-------|-------|
| [OTHER] | 60- 70 | 628.65 | 5380.30 | 93.65 | 93.65 |
|---------|--------|--------|---------|-------|-------|

| | | | | | |
|---------|--------|--------|---------|-------|-------|
| [OTHER] | 70- 80 | 287.59 | 5667.88 | 98.65 | 98.65 |
|---------|--------|--------|---------|-------|-------|

| | | | | | |
|---------|--------|-------|---------|-------|-------|
| [OTHER] | 80- 90 | 57.37 | 5725.25 | 99.65 | 99.65 |
|---------|--------|-------|---------|-------|-------|

| | | | | | |
|---------|--------|------|---------|-------|-------|
| [OTHER] | 90-100 | 0.99 | 5726.25 | 99.67 | 99.67 |
|---------|--------|------|---------|-------|-------|

| | | | | | |
|---------|---------|------|---------|-------|-------|
| [OTHER] | 100-110 | 1.70 | 5727.95 | 99.70 | 99.70 |
|---------|---------|------|---------|-------|-------|

| | | | | | |
|---------|---------|------|---------|-------|-------|
| [OTHER] | 110-120 | 2.62 | 5730.56 | 99.74 | 99.74 |
|---------|---------|------|---------|-------|-------|

| | | | | | |
|---------|---------|------|---------|-------|-------|
| [OTHER] | 120-130 | 3.42 | 5733.98 | 99.80 | 99.80 |
|---------|---------|------|---------|-------|-------|

| | | | | | |
|---------|---------|------|---------|-------|-------|
| [OTHER] | 130-140 | 3.55 | 5737.53 | 99.87 | 99.87 |
|---------|---------|------|---------|-------|-------|

| | | | | | |
|---------|---------|------|---------|-------|-------|
| [OTHER] | 140-150 | 3.11 | 5740.64 | 99.92 | 99.92 |
|---------|---------|------|---------|-------|-------|

| | | | | | |
|---------|---------|------|---------|-------|-------|
| [OTHER] | 150-160 | 2.44 | 5743.08 | 99.96 | 99.96 |
|---------|---------|------|---------|-------|-------|

| | | | | | |
|---------|---------|------|---------|-------|-------|
| [OTHER] | 160-170 | 1.55 | 5744.63 | 99.99 | 99.99 |
|---------|---------|------|---------|-------|-------|

| | | | | | |
|---------|---------|------|---------|--------|--------|
| [OTHER] | 170-180 | 0.65 | 5745.28 | 100.00 | 100.00 |
|---------|---------|------|---------|--------|--------|

[OTHER]

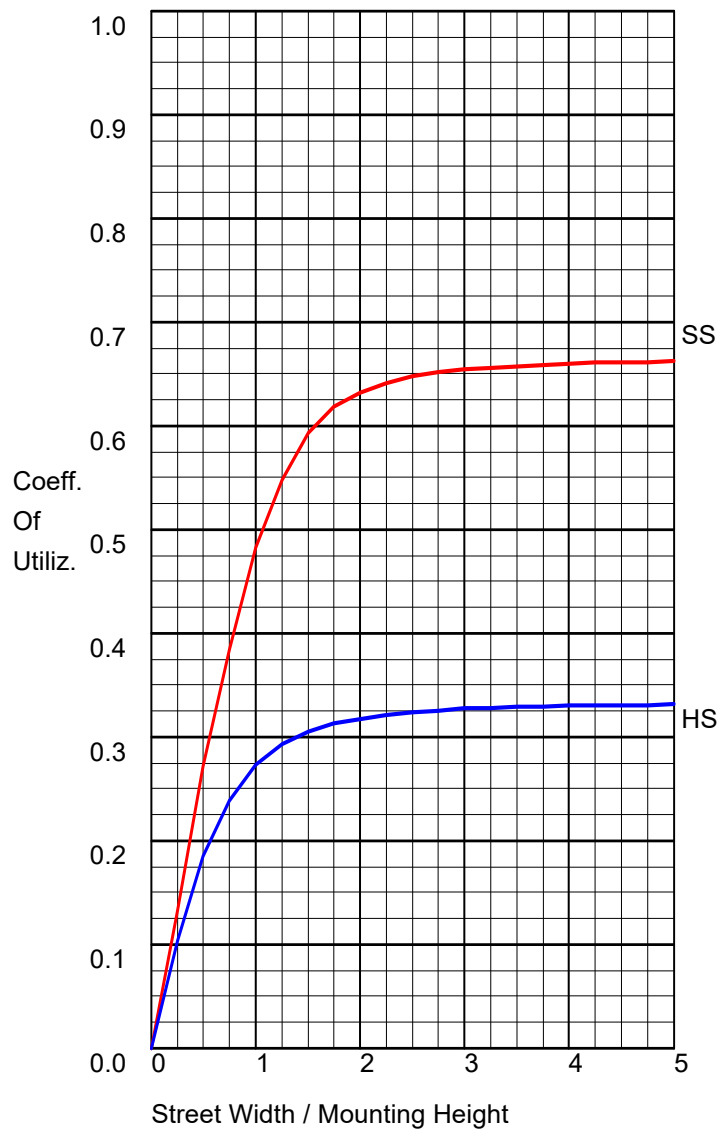
IES ROAD REPORT**PHOTOMETRIC FILENAME : WDS SEL 2 UV CP 7SEL [40W, 4K-5K].IES****CHARACTERISTICS**

| | |
|---|---------------------------------|
| IES Classification | Type II |
| Longitudinal Classification | Very Short |
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 5745 |
| Downward Total Efficiency | N.A. (absolute) |
| Total Luminaire Efficiency | N.A. (absolute) |
| Luminaire Efficacy Rating (LER) | 143 |
| Total Luminaire Watts | 40.2 |
| Ballast Factor | 1.00 |
| Upward Waste Light Ratio | 0.00 |
| Maximum Candela | 2523.8 |
| Maximum Candela Angle | 360H 40V |
| Maximum Candela (<90 Degrees Vertical) | 2523.8 |
| Maximum Candela Angle (<90 Degrees Vertical) | 360H 40V |
| Maximum Candela At 90 Degrees Vertical | 1.91 (0.0% Luminaire Lumens) |
| Maximum Candela from 80 to <90 Degrees Vertical | 574.11 (10.0% Luminaire Lumens) |
| Cutoff Classification (deprecated) | N.A. (absolute) |

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

| | Lumens | % Lamp | % Luminaire |
|-------------------------------|----------|--------|-------------|
| FL - Front-Low (0-30) | 921.5 | N.A. | 16.0 |
| FM - Front-Medium (30-60) | 2180.9 | N.A. | 38.0 |
| FH - Front-High (60-80) | 670.8 | N.A. | 11.7 |
| FVH - Front-Very High (80-90) | 42.5 | N.A. | 0.7 |
| BL - Back-Low (0-30) | 653.8 | N.A. | 11.4 |
| BM - Back-Medium (30-60) | 995.3 | N.A. | 17.3 |
| BH - Back-High (60-80) | 245.5 | N.A. | 4.3 |
| BVH - Back-Very High (80-90) | 14.9 | N.A. | 0.3 |
| UL - Uplight-Low (90-100) | 1.0 | N.A. | 0.0 |
| UH - Uplight-High (100-180) | 19.0 | N.A. | 0.3 |
| Total | 5745.2 | N.A. | 100.0 |
| BUG Rating | B2-U2-G1 | | |

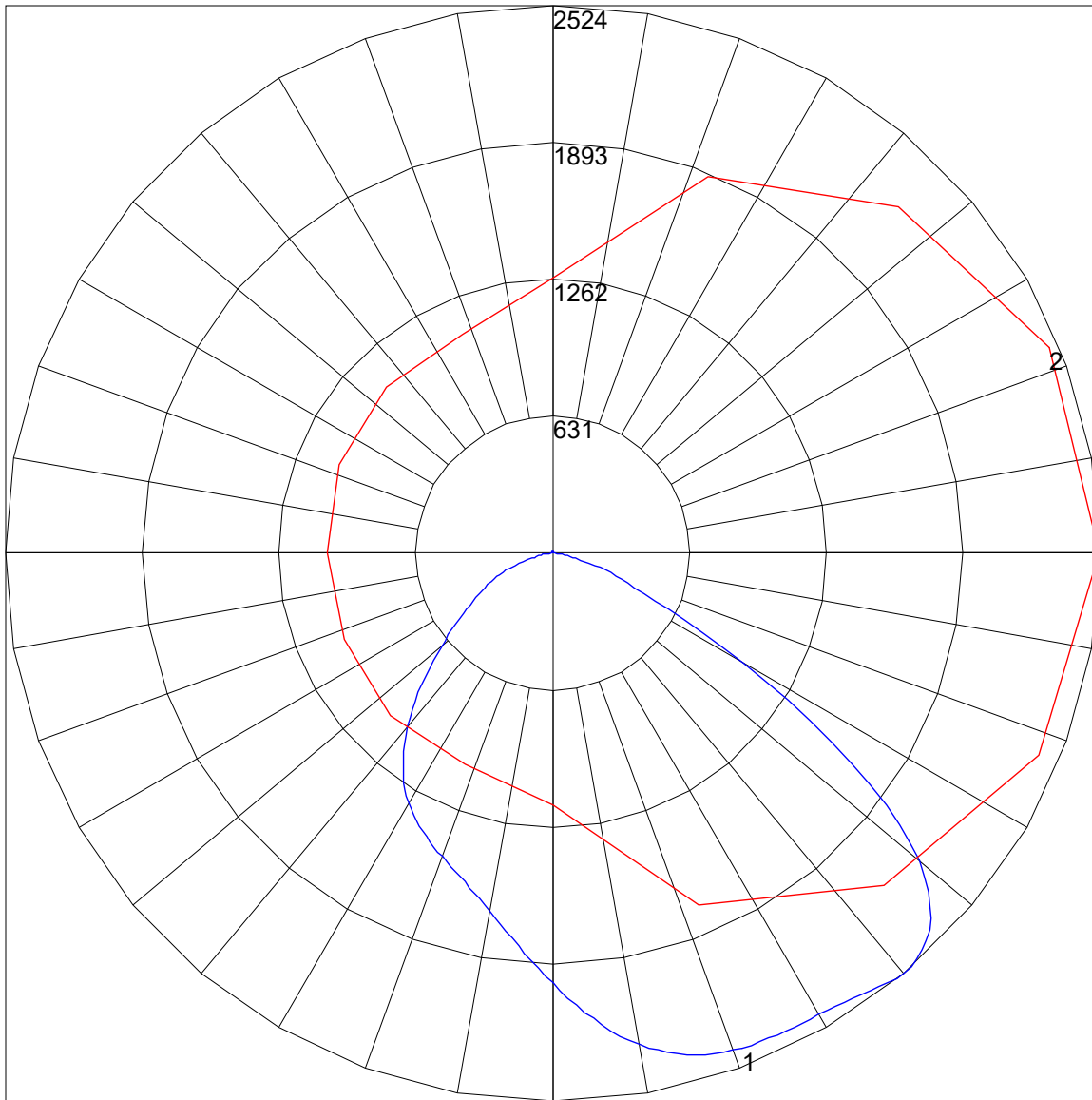
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

| | Lumens | Percent Of Luminaire |
|----------------------|--------|-------------------------|
| Downward Street Side | 3815.6 | 66.4 |
| Downward House Side | 1909.5 | 33.2 |
| Downward Total | 5725.1 | 99.7 |
| Upward Street Side | 7.3 | 0.1 |
| Upward House Side | 12.7 | 0.2 |
| Upward Total | 20.0 | 0.3 |
| Total Flux | 5745.1 | 100.0 |

POLAR GRAPH



Maximum Candela = 2523.8 Located At Horizontal Angle = 360, Vertical Angle = 40
1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (40) (Through Max. Cd.)

PHOTOMETRIC FILENAME : WDS SEL 2 UV CP 7SEL [40W, 4K-5K].IES

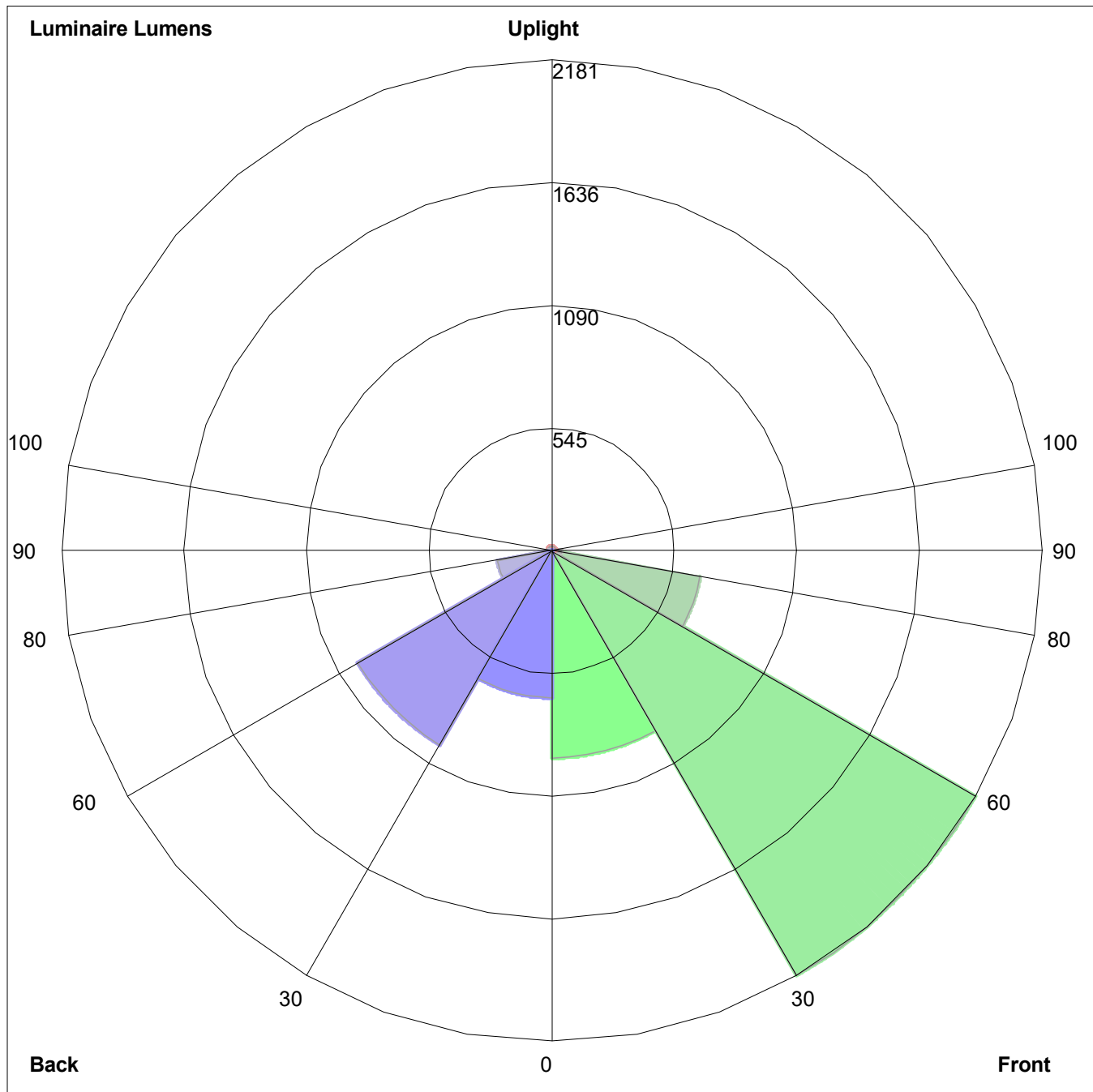
Distance In Units Of Mounting Height

Values Based On 10 Foot Mounting Height

1/2 Maximum Candela Trace Shown As Dashed Curve

(+) = Maximum Candela Point

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=921.5, Medium=2180.9, High=670.8, Very High=42.5
Back: Low=653.8, Medium=995.3, High=245.5, Very High=14.9
Uplight: Low=1.0, High=19.0

BUG Rating : B2-U2-G1