

IES ROAD REPORT
PHOTOMETRIC FILENAME : WPL502 LED30PCS 700MA 20120605_IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-79-08
[TEST] QC-1359 (TEMPERATURE REPORT NO :QC-018615-01)
[TESTLAB] ESCO LIGHTING
[TESTDATE] 2012-06-05
[ISSUE DATE] 2012-06-05 18:34:47
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-R3000(2M3D) SYSTEM
[MANUFAC] ESCO LIGHTING
[LUMCAT] WPL502
[LUMINAIRE] LED30PCS
[LAMP] XTE R2 4700K
[BALLAST] LP1040-22 2PCS
[LUMEN PER WATT] 65.33lm/W

CHARACTERISTICS

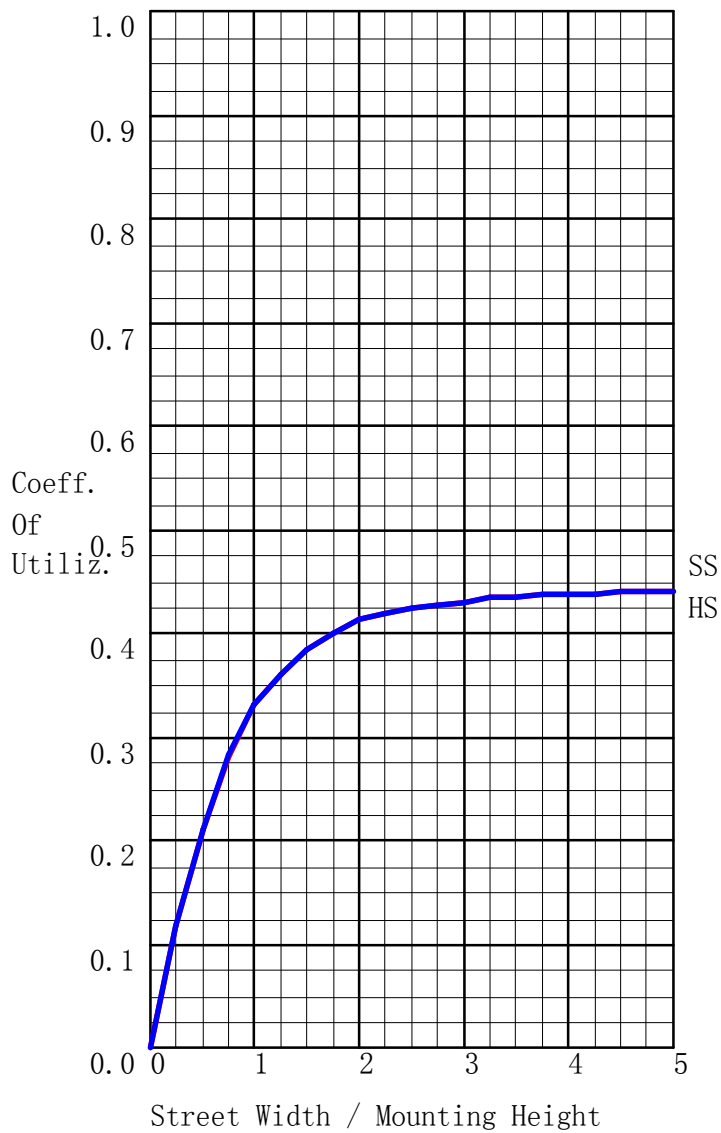
IES Classification	Type II
Longitudinal Classification	Very Short
Cutoff Classification (deprecated)	Full Cutoff
Lumens Per Lamp	5670 (1 lamp)
Total Lamp Lumens	5670
Luminaire Lumens	5036
Total Luminaire Efficiency	89 %
Downward Total Efficiency	89 %
Upward Waste Light Ratio	0.00
Maximum Candela	1816.99
Maximum Candela Angle	160H 5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	192.45 (3.4% Lamp Lumens)
Total Luminaire Watts	77
Ballast Factor	0.98



IES ROAD REPORT**PHOTOMETRIC FILENAME : WPL502 LED30PCS 700MA 20120605_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	700.8	12.4	13.9
FM - Front-Medium (30-60)	1316.7	23.2	26.1
FH - Front-High (60-80)	477.0	8.4	9.5
FVH - Front-Very High (80-90)	27.2	0.5	0.5
BL - Back-Low (0-30)	703.6	12.4	14.0
BM - Back-Medium (30-60)	1319.0	23.3	26.2
BH - Back-High (60-80)	468.0	8.3	9.3
BVH - Back-Very High (80-90)	23.8	0.4	0.5
UL - Uplight-Low (90-100)	0.0	0.0	0.0
UH - Uplight-High (100-180)	0.0	0.0	0.0
Total	5036.1	88.9	100.0
BUG Rating	B2-U1-G1		

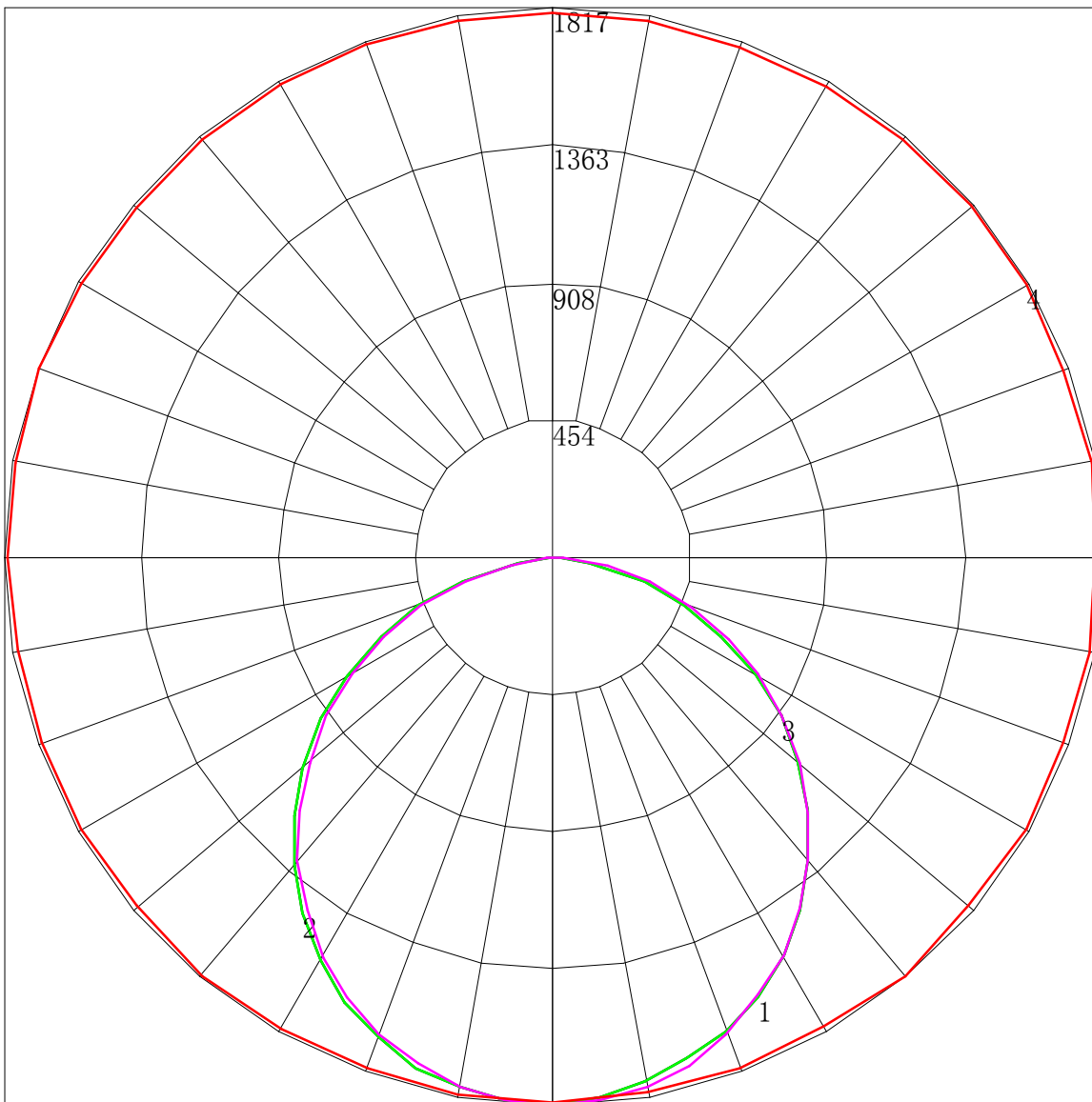
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

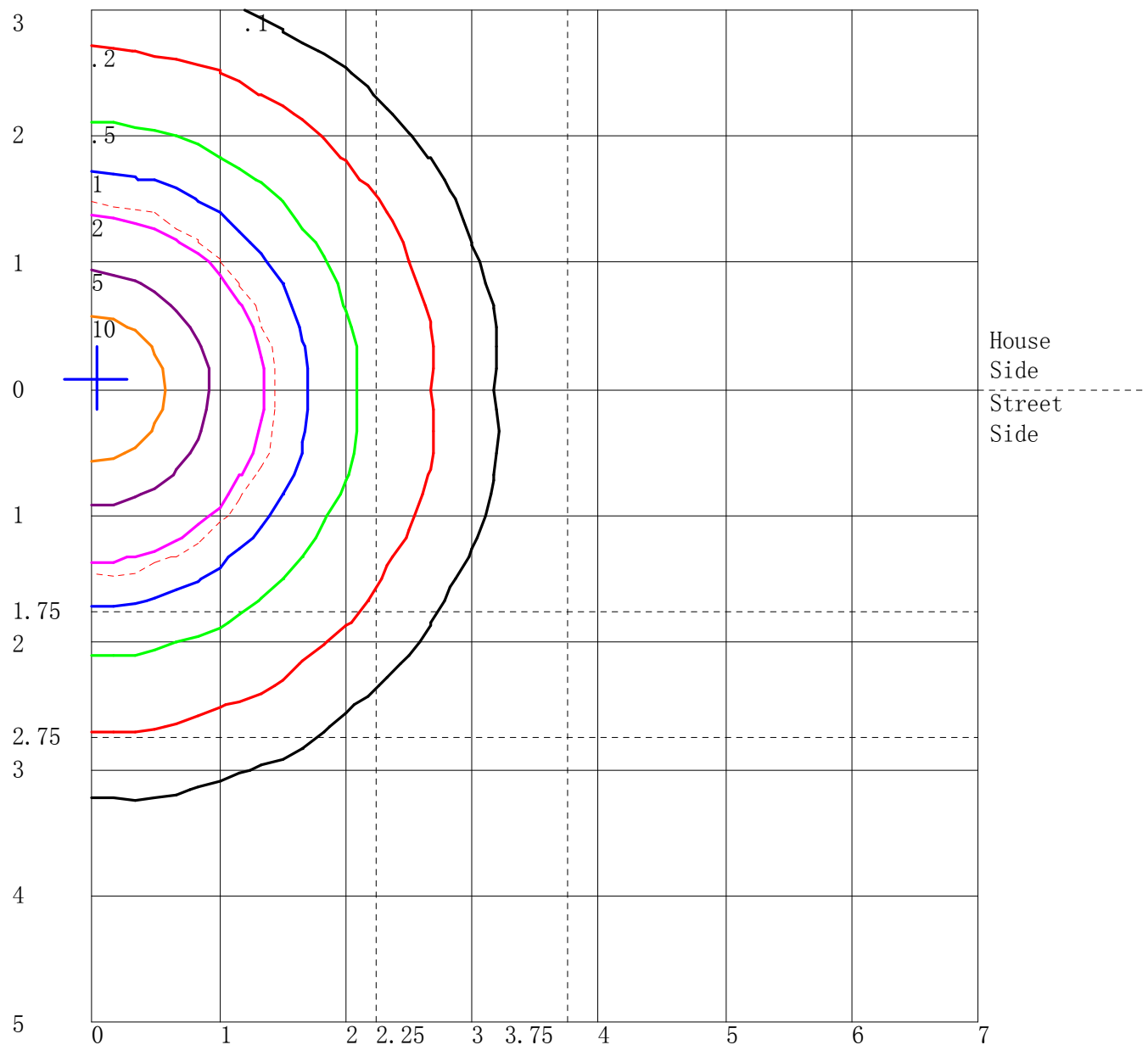
	Lumens	Percent Of Lamp
Downward Street Side	2521.7	44.5
Downward House Side	2514.5	44.3
Downward Total	5036.2	88.8
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	5036.2	88.8

POLAR GRAPH



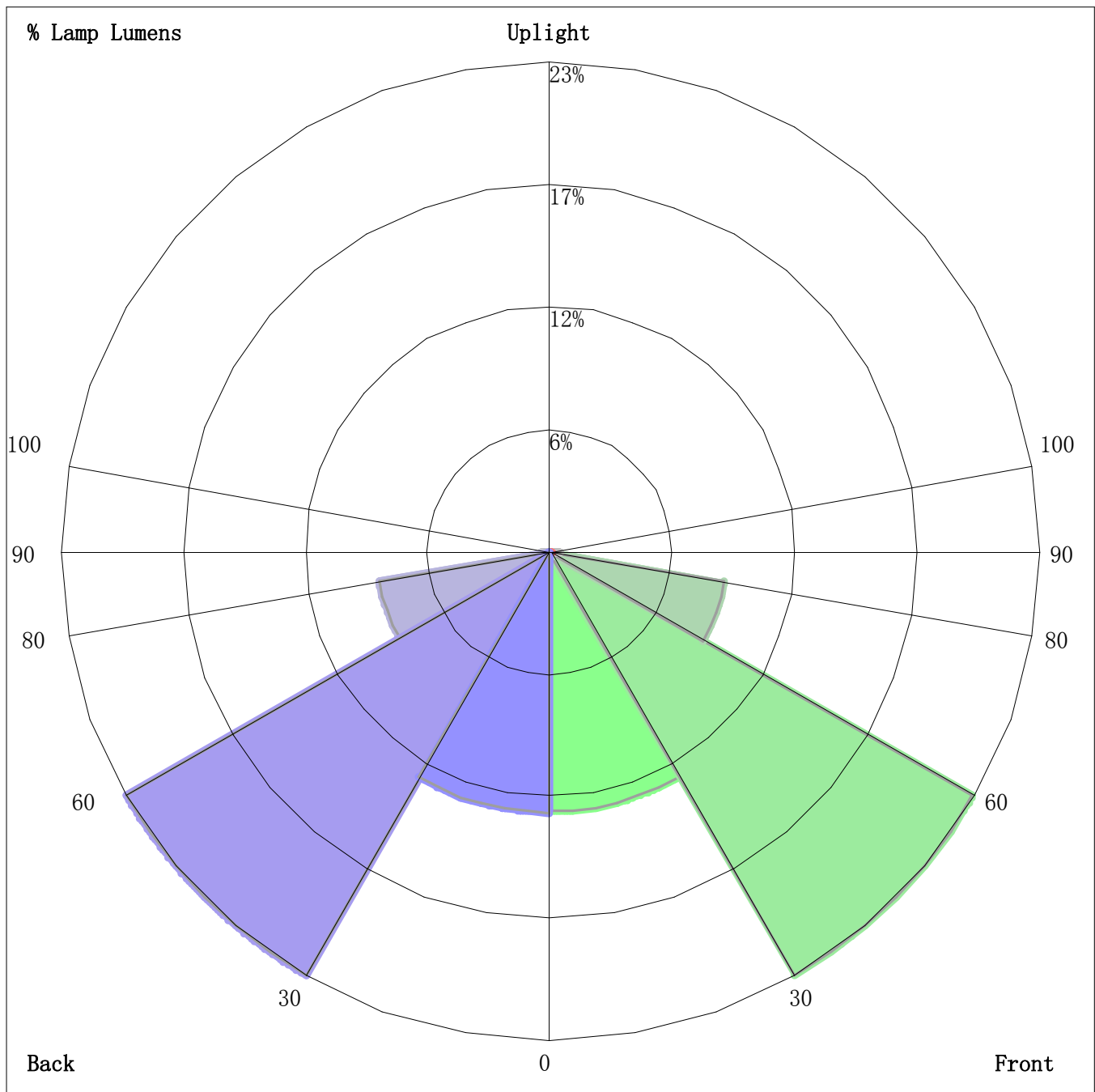
Maximum Candela = 1816.99 Located At Horizontal Angle = 160, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (0 - 180)
2 - Vertical Plane Through Horizontal Angles (180 - 0)
3 - Vertical Plane Through Horizontal Angles (45 - 225)
4 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



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



Percent Lamp Lumens:
 Front: Low=12.4%, Medium=23.2%, High=8.4%, Very High=0.5%
 Back: Low=12.4%, Medium=23.3%, High=8.3%, Very High=0.4%
 Uplight: Low=0.0%, High=0.0%

BUG Rating : B2-U1-G1