

IES ROAD REPORT
PHOTOMETRIC FILENAME : WPL1505 LED1PCS 300MA 20121208.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-79-08
 [TEST] QC-1760 (TEMPERATURE REPORT NO :QC-019562)
 [TESTLAB] ESCO LIGHTING
 [TESTDATE] 2012-12-08
 [ISSUE DATE] 2012-12-08 11:33:21
 [LAMP POSITION] 0,0
 [OTHER] EVERFINE GO-R3000(2M3D) SYSTEM
 [MANUFAC] ESCO LIGHTING
 [LUMCAT] WPL1505
 [LUMINAIRE] LED1PCS
 [LAMP] CXA-1507 5000K
 [BALLAST] LD-CU3536-05
 [LUMEN PER WATT] 57.10lm/W
 [TEMPERATURE] 25.4°C TEST9:00~~~10:50

CHARACTERISTICS

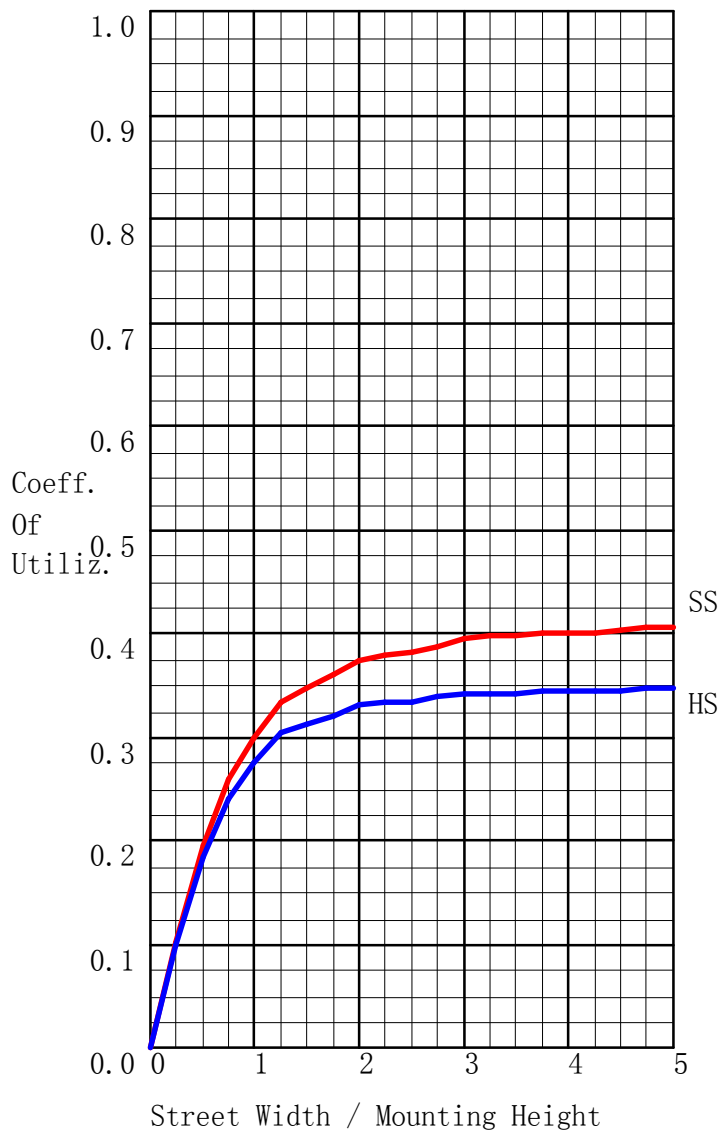
IES Classification	Type II
Longitudinal Classification	Very Short
Lumens Per Lamp	956 (1 lamp)
Total Lamp Lumens	956
Luminaire Lumens	761
Downward Total Efficiency	77 %
Total Luminaire Efficiency	80 %
Luminaire Efficacy Rating (LER)	27
Total Luminaire Watts	13.3
Ballast Factor	0.47
Upward Waste Light Ratio	0.03
Maximum Candela	289.16
Maximum Candela Angle	75H 5V
Maximum Candela (<90 Degrees Vertical)	289.16
Maximum Candela Angle (<90 Degrees Vertical)	75H 5V
Maximum Candela At 90 Degrees Vertical	19.61 (2.1% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	44.27 (4.6% Lamp Lumens)
Cutoff Classification (deprecated)	Cutoff



IES ROAD REPORT**PHOTOMETRIC FILENAME : WPL1505 LED1PCS 300MA 20121208.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	111.5	11.7	14.7
FM - Front-Medium (30-60)	193.9	20.3	25.5
FH - Front-High (60-80)	77.5	8.1	10.2
FVH - Front-Very High (80-90)	15.3	1.6	2.0
BL - Back-Low (0-30)	106.0	11.1	13.9
BM - Back-Medium (30-60)	167.6	17.5	22.0
BH - Back-High (60-80)	53.6	5.6	7.1
BVH - Back-Very High (80-90)	9.3	1.0	1.2
UL - Uplight-Low (90-100)	12.1	1.3	1.6
UH - Uplight-High (100-180)	13.9	1.4	1.8
Total	760.7	79.6	100.0
BUG Rating	B0-U2-G1		

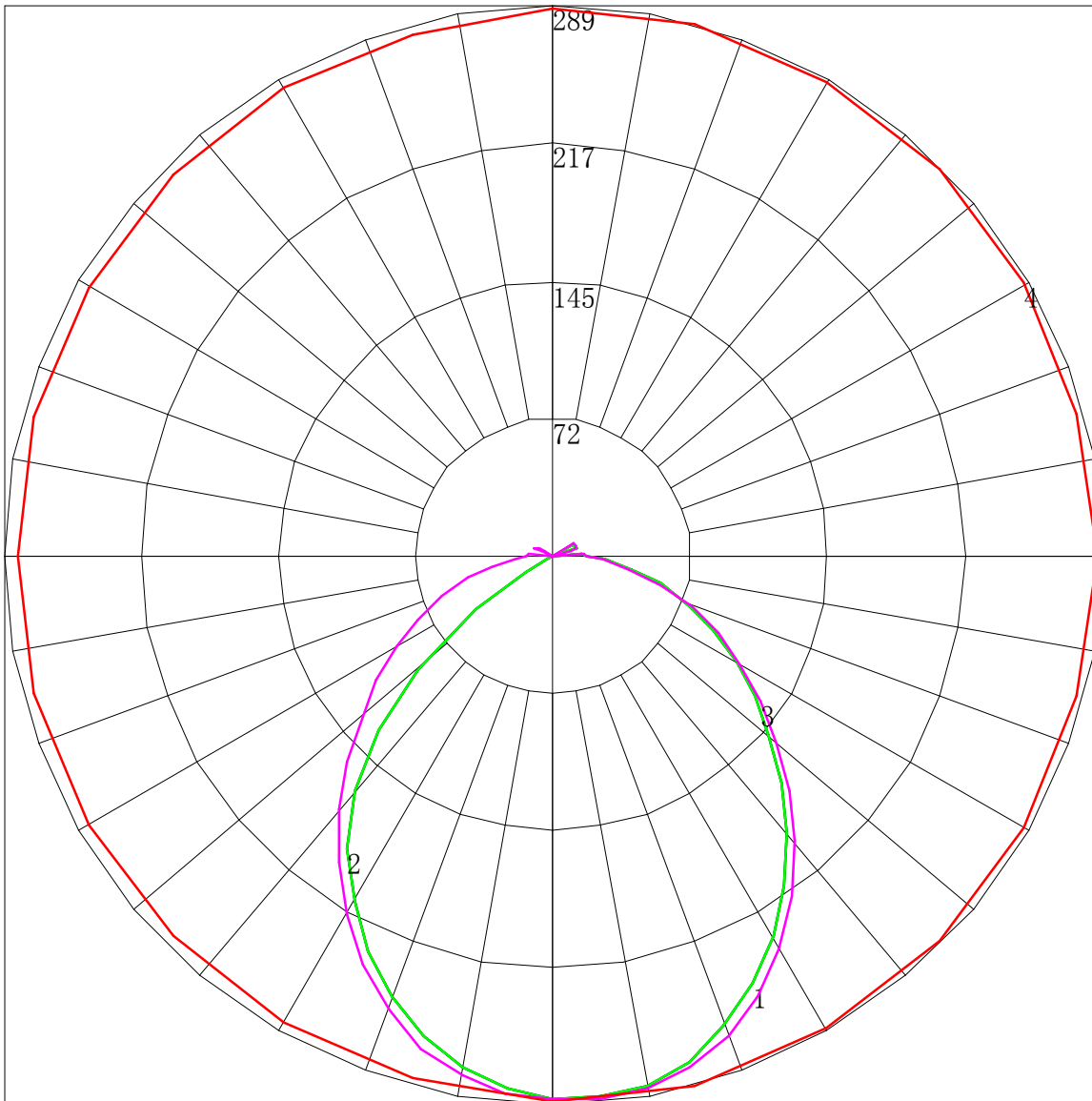
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

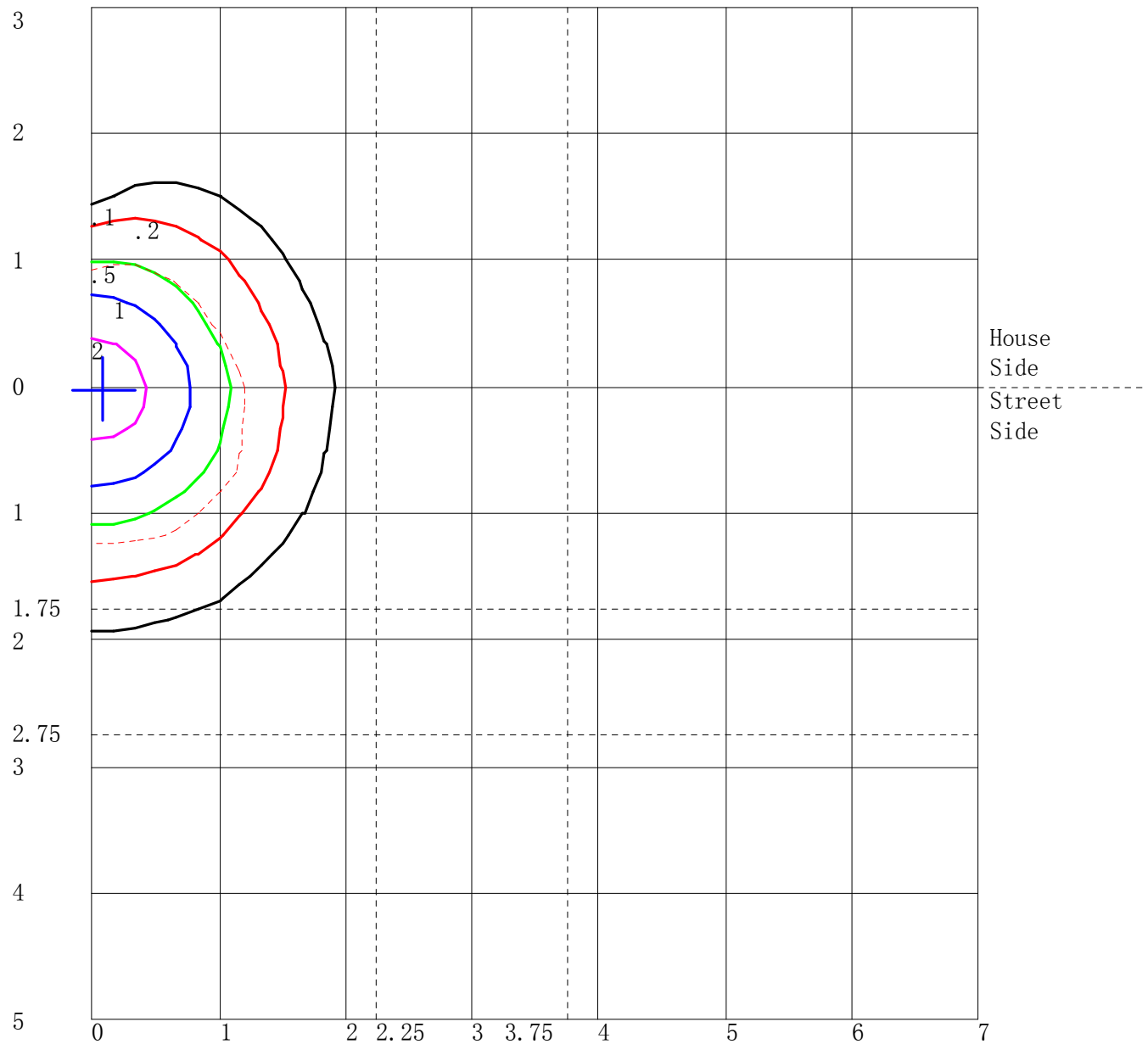
	Lumens	Percent Of Lamp
Downward Street Side	398.2	41.7
Downward House Side	336.6	35.2
Downward Total	734.8	76.9
Upward Street Side	16.8	1.8
Upward House Side	9.1	1.0
Upward Total	25.9	2.7
Total Flux	760.7	79.6

POLAR GRAPH



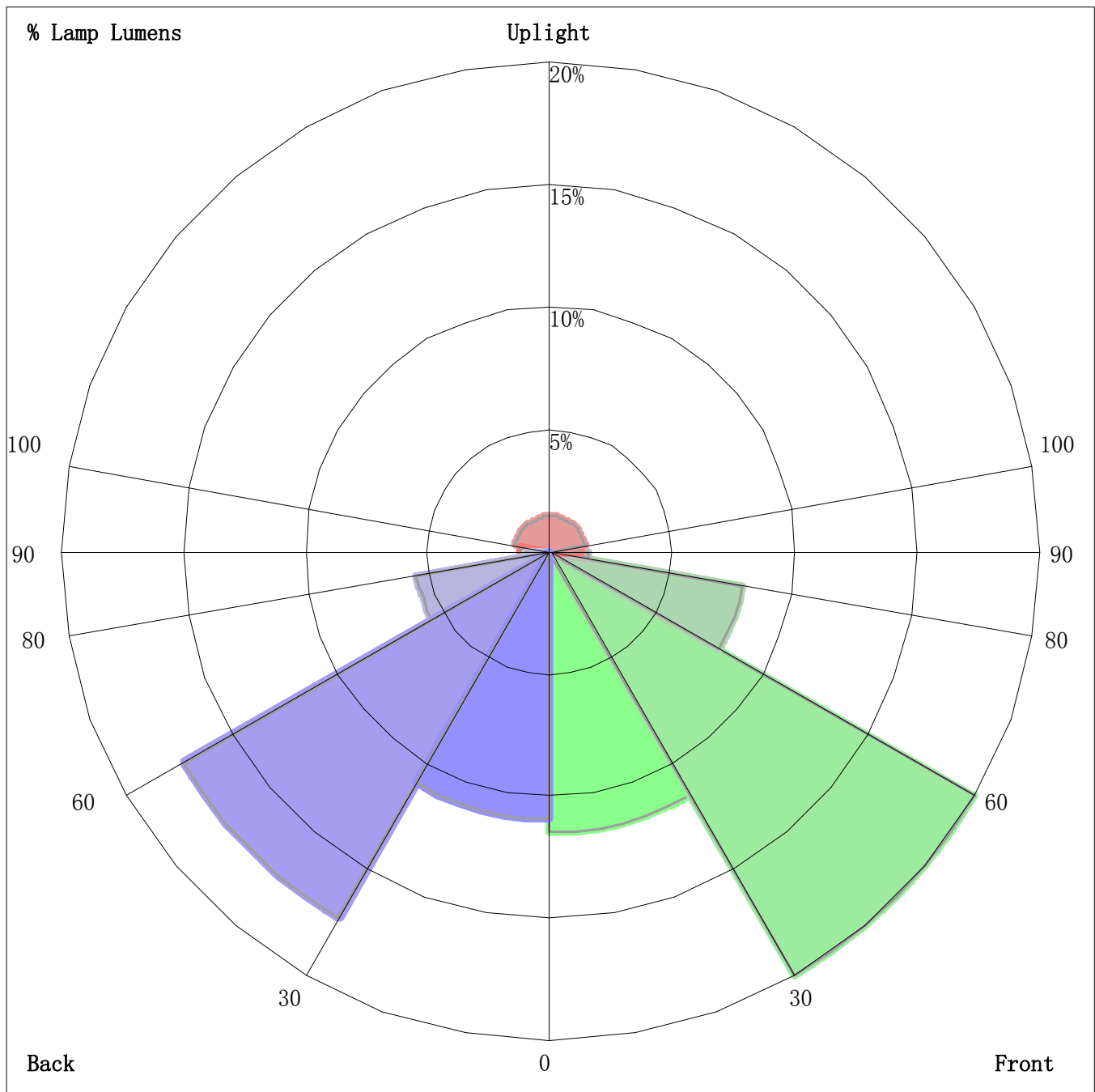
Maximum Candela = 289.16 Located At Horizontal Angle = 75, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (0 - 180)
2 - Vertical Plane Through Horizontal Angles (180 - 0)
3 - Vertical Plane Through Horizontal Angles (45 - 225)
4 - Horizontal Cone Through Vertical Angle (5) (Through Max. 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=11.7%, Medium=20.3%, High=8.1%, Very High=1.6%
 Back: Low=11.1%, Medium=17.5%, High=5.6%, Very High=1.0%
 Uplight: Low=1.3%, High=1.4%

BUG Rating : B0-U2-G1