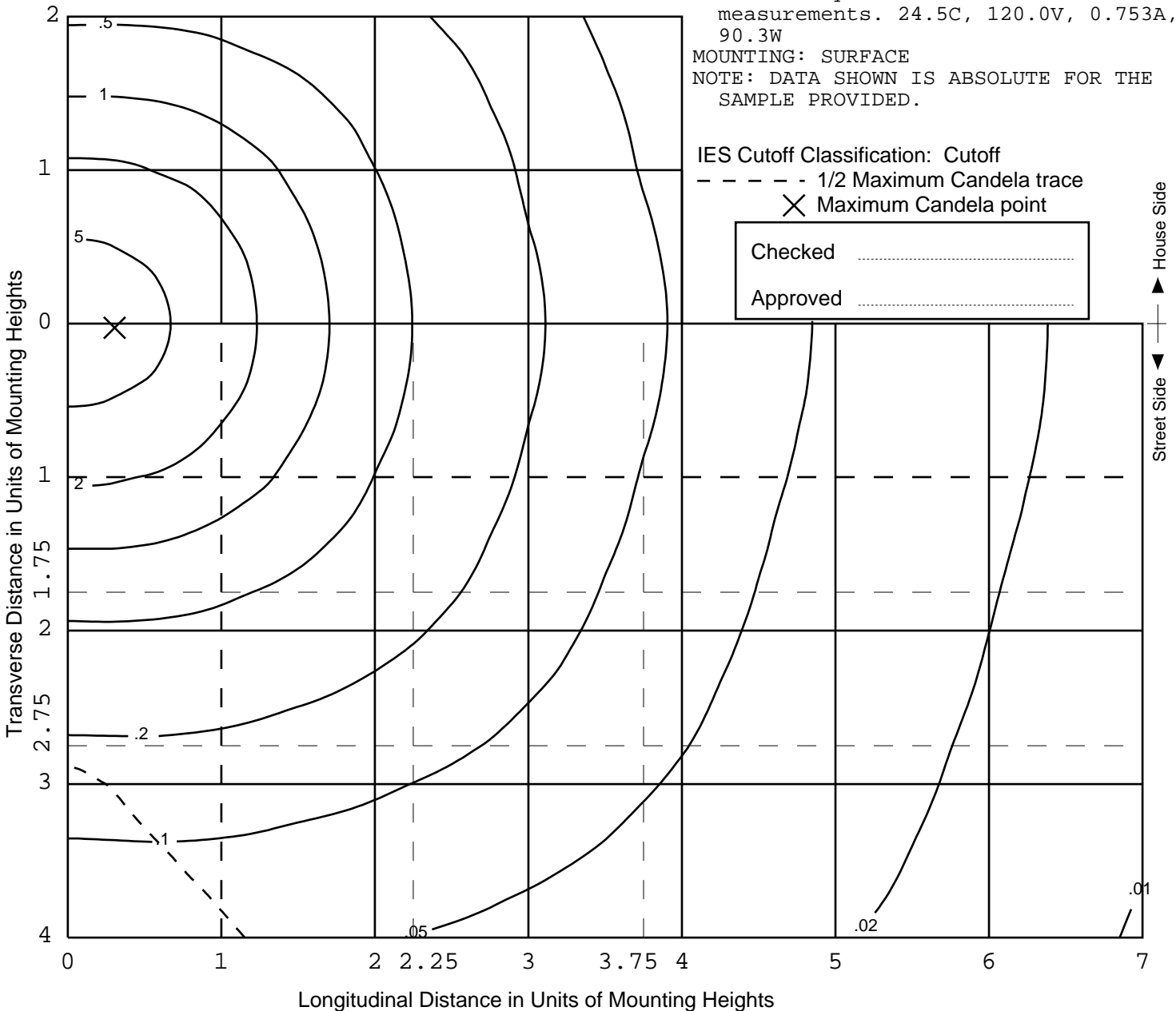


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 10 foot mounting height.

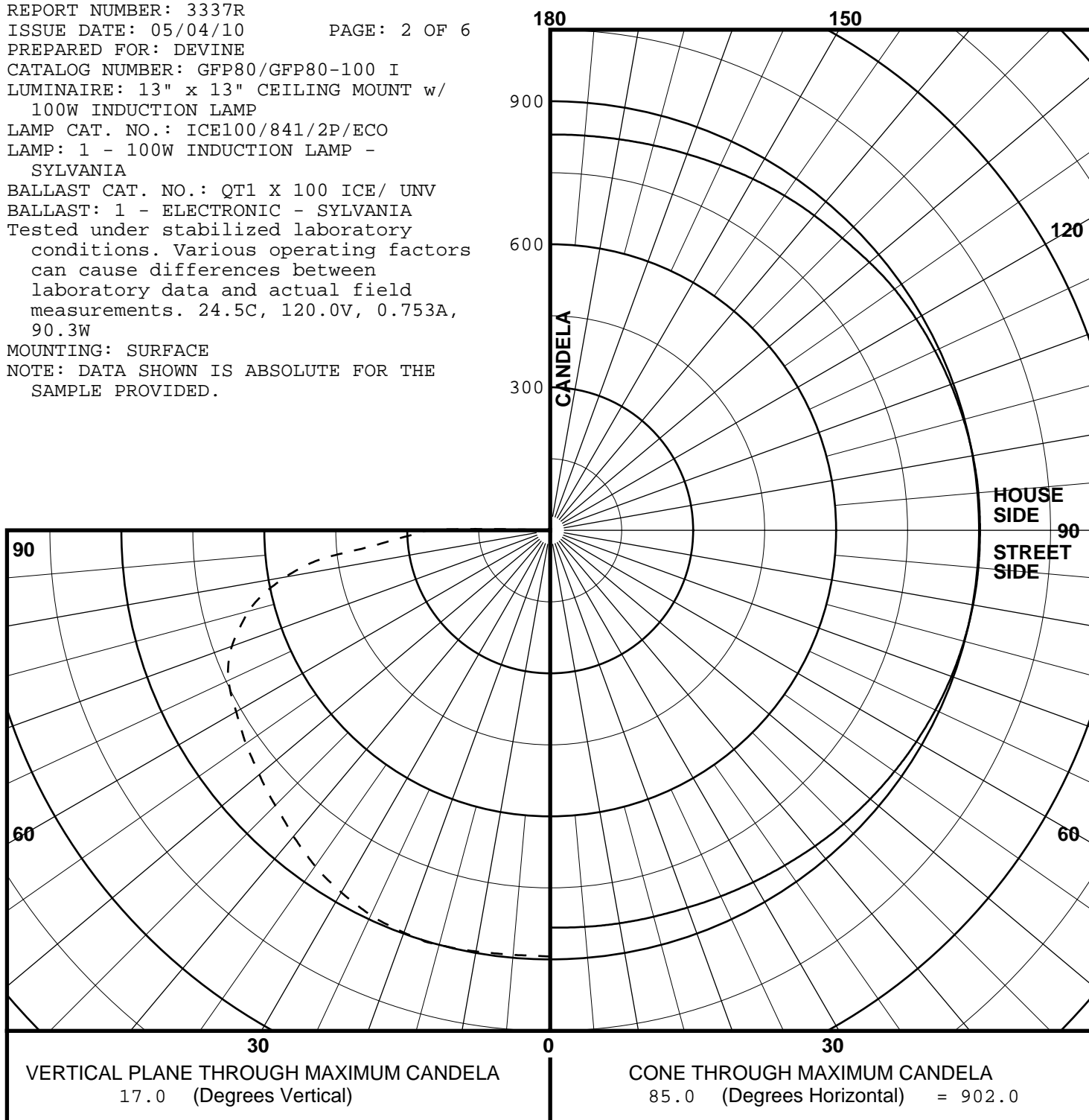
REPORT NUMBER: 3337R
 ISSUE DATE: 05/04/10 PAGE: 1 OF 6
 PREPARED FOR: DEVINE
 CATALOG NUMBER: GFP80/GFP80-100 I
 LUMINAIRE: 13" x 13" CEILING MOUNT w/
 100W INDUCTION LAMP
 LAMP CAT. NO.: ICE100/841/2P/ECO
 LAMP: 1 - 100W INDUCTION LAMP -
 SYLVANIA
 BALLAST CAT. NO.: QT1 X 100 ICE/ UNV
 BALLAST: 1 - ELECTRONIC - SYLVANIA
 Tested under stabilized laboratory
 conditions. Various operating factors
 can cause differences between
 laboratory data and actual field
 measurements. 24.5C, 120.0V, 0.753A,
 90.3W
 MOUNTING: SURFACE
 NOTE: DATA SHOWN IS ABSOLUTE FOR THE
 SAMPLE PROVIDED.

IES Cutoff Classification: Cutoff
 - - - - - 1/2 Maximum Candela trace
 X Maximum Candela point

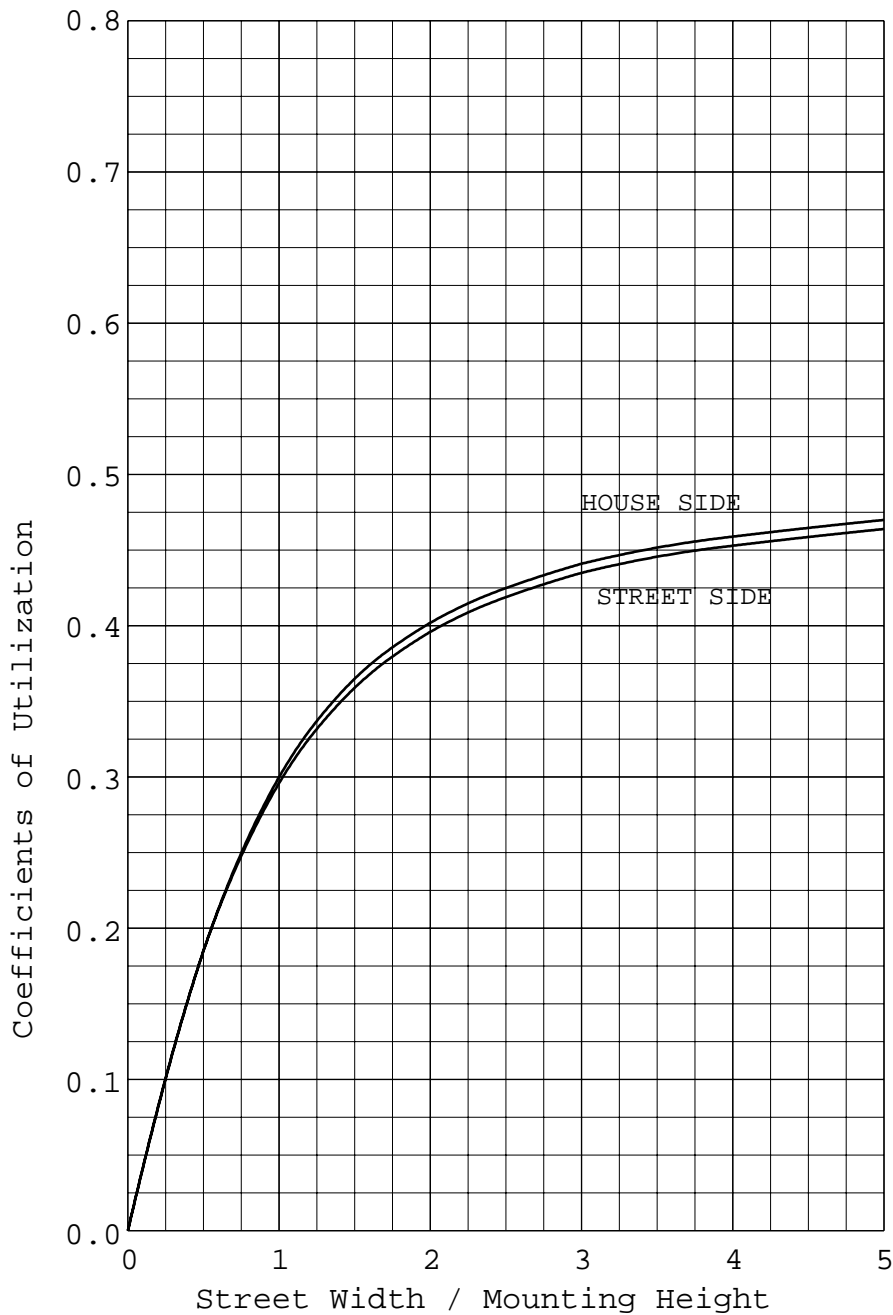


MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

REPORT NUMBER: 3337R
 ISSUE DATE: 05/04/10 PAGE: 2 OF 6
 PREPARED FOR: DEVINE
 CATALOG NUMBER: GFP80/GFP80-100 I
 LUMINAIRE: 13" x 13" CEILING MOUNT w/
 100W INDUCTION LAMP
 LAMP CAT. NO.: ICE100/841/2P/ECO
 LAMP: 1 - 100W INDUCTION LAMP -
 SYLVANIA
 BALLAST CAT. NO.: QT1 X 100 ICE/ UNV
 BALLAST: 1 - ELECTRONIC - SYLVANIA
 Tested under stabilized laboratory
 conditions. Various operating factors
 can cause differences between
 laboratory data and actual field
 measurements. 24.5C, 120.0V, 0.753A,
 90.3W
 MOUNTING: SURFACE
 NOTE: DATA SHOWN IS ABSOLUTE FOR THE
 SAMPLE PROVIDED.



COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	2028.	49.9
DOWNWARD HOUSE SIDE	2040.	50.1
DOWNWARD TOTAL	4067.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	4067.	100.0

ALL CANDELA AND LUMENS IN THIS REPORT ARE BASED ON ABSOLUTE PHOTOMETRY. THE COEFFICIENT OF UTILIZATION VALUES ARE BASED ON THE TOTAL ABSOLUTE LUMEN OUTPUT OF THIS LUMINAIRE SAMPLE.

REPORT NUMBER: 3337R
ISSUE DATE: 05/04/10
PREPARED FOR: DEVINE

PAGE: 4 OF 6

FLUX DISTRIBUTION BY SOLID ANGLE
(PER IESNA TM-15-07, LUMINAIRE CLASSIFICATION
SYSTEM FOR OUTDOOR LUMINAIRES)

	LUMENS	PERCENT OF FIXTURE
FORWARD LIGHT	2028.	49.5
FL (0- 30)		8.7
FM (30- 60)		20.4
FH (60- 80)		15.3
FVH(80- 90)		5.0
BACK LIGHT	2040.	49.8
BL (0- 30)		8.8
BM (30- 60)		20.8
BH (60- 80)		15.4
BVH(80- 90)		4.8
UPLIGHT	32.	0.8
UL (90-100)		0.8
UH (100-180)		0.0
TRAPPED LIGHT	0.	0.0
TOTAL FLUX	4099.	100.0

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CANDELA TABULATION
 STREET SIDE

	LATERAL ANGLE									
	0.0	5.0	15.0	25.0	35.0	45.0	55.0	65.0	75.0	85.0
	180.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	175.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	165.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	155.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	145.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	135.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	125.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	115.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	105.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	95.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	90.0	183.	183.	192.	216.	240.	263.	270.	249.	244.
	87.5	227.	229.	244.	280.	308.	329.	343.	317.	293.
	85.0	288.	291.	311.	357.	414.	445.	428.	409.	383.
	82.5	343.	347.	372.	416.	485.	546.	543.	502.	488.
V	80.0	375.	379.	411.	457.	526.	586.	601.	565.	541.
E	77.5	391.	398.	436.	484.	551.	615.	638.	611.	592.
R	75.0	409.	417.	460.	508.	568.	636.	663.	641.	632.
T	72.5	434.	443.	486.	534.	594.	660.	688.	671.	664.
I	70.0	460.	467.	507.	556.	618.	681.	708.	696.	693.
C	67.5	481.	488.	526.	575.	636.	697.	724.	715.	715.
A	65.0	497.	504.	542.	592.	648.	705.	735.	730.	732.
L	62.5	512.	519.	554.	604.	657.	711.	741.	739.	743.
	60.0	527.	533.	567.	613.	664.	714.	742.	746.	753.
A	57.5	541.	547.	579.	622.	667.	713.	741.	753.	764.
N	55.0	556.	562.	591.	628.	664.	709.	742.	759.	774.
G	52.5	572.	577.	604.	638.	672.	711.	740.	761.	779.
L	50.0	586.	590.	616.	649.	686.	723.	750.	768.	786.
E	47.5	600.	605.	629.	662.	697.	735.	762.	780.	796.
	45.0	614.	618.	640.	673.	707.	744.	773.	791.	807.
	42.5	628.	632.	654.	685.	718.	754.	783.	803.	817.
	40.0	642.	646.	666.	695.	727.	763.	794.	814.	827.
	37.5	657.	661.	679.	706.	738.	773.	804.	824.	839.
	35.0	673.	676.	693.	718.	749.	784.	813.	834.	850.
	30.0	710.	712.	725.	746.	774.	805.	833.	854.	869.
	25.0	758.	759.	769.	785.	808.	833.	855.	872.	885.
	20.0	808.	810.	815.	826.	842.	858.	873.	886.	894.
	17.0<<	833.	835.	839.	847.	858.	871.	882.	892.	899.
	15.0	848.	850.	853.	858.	867.	876.	885.	892.	897.
	10.0	876.	876.	877.	879.	883.	887.	890.	894.	896.
	5.0	890.	890.	890.	890.	891.	892.	893.	893.	894.
	0.0	894.	894.	894.	894.	894.	894.	894.	894.	894.

PLANE OF MAXIMUM CANDELA

CONE OF MAXIMUM CANDELA

CANDELA TABULATION
 HOUSE SIDE

LATERAL ANGLE

	90.0	95.0	105.0	115.0	125.0	135.0	145.0	155.0	165.0	175.0	180.0
	180.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	175.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	165.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	155.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	145.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	135.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	125.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	115.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	105.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	95.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	90.0	258.	254.	244.	245.	257.	255.	229.	198.	174.	170.
	87.5	306.	302.	288.	303.	321.	307.	279.	249.	213.	201.
	85.0	368.	369.	375.	396.	406.	406.	372.	321.	268.	254.
	82.5	498.	494.	478.	493.	523.	526.	467.	388.	335.	312.
V	80.0	569.	562.	538.	566.	596.	586.	516.	441.	384.	356.
E	77.5	622.	615.	591.	617.	639.	619.	552.	474.	417.	383.
R	75.0	661.	653.	629.	651.	670.	644.	574.	499.	441.	403.
T	72.5	689.	684.	661.	682.	697.	666.	595.	527.	470.	428.
I	70.0	713.	707.	690.	707.	719.	692.	622.	554.	498.	456.
C	67.5	732.	727.	714.	728.	739.	713.	646.	578.	523.	484.
A	65.0	745.	742.	732.	745.	752.	725.	663.	600.	544.	505.
L	62.5	755.	750.	744.	755.	759.	732.	676.	617.	561.	523.
	60.0	761.	757.	753.	760.	761.	738.	686.	630.	578.	541.
A	57.5	769.	765.	764.	766.	764.	743.	695.	643.	593.	559.
N	55.0	778.	776.	772.	774.	768.	747.	703.	654.	607.	575.
G	52.5	787.	784.	781.	779.	772.	752.	710.	664.	621.	592.
L	50.0	796.	794.	790.	786.	777.	755.	715.	675.	635.	608.
E	47.5	807.	804.	799.	794.	784.	760.	723.	687.	649.	624.
	45.0	816.	814.	807.	802.	791.	766.	732.	698.	663.	638.
	42.5	827.	825.	818.	812.	799.	774.	742.	709.	676.	653.
	40.0	838.	837.	829.	822.	808.	783.	753.	721.	689.	667.
	37.5	850.	849.	841.	832.	818.	794.	764.	733.	703.	682.
	35.0	861.	859.	852.	842.	826.	803.	774.	745.	717.	697.
	30.0	878.	876.	869.	858.	841.	820.	794.	767.	744.	728.
	25.0	891.	890.	884.	873.	858.	839.	817.	795.	778.	767.
	20.0	899.	898.	894.	886.	873.	859.	843.	827.	816.	809.
	17.0<<	902.	902.	898.	891.	882.	867.	857.	845.	836.	831.
	15.0	900.	900.	897.	891.	884.	875.	865.	855.	849.	845.
	10.0	898.	897.	896.	893.	890.	885.	880.	876.	873.	872.
	5.0	895.	894.	893.	893.	892.	890.	888.	887.	887.	887.
	0.0	894.	894.	894.	894.	894.	894.	894.	894.	894.	894.

CONE OF MAXIMUM CANDELA