

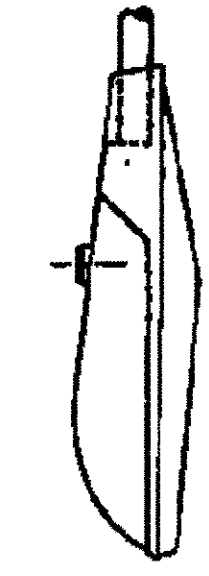
GENERAL ELECTRIC
PHOTOMETRIC DATA
 LIGHTING SYSTEMS BUSINESS DEPARTMENT
 HENDERSONVILLE, N. C. U.S.A. 28739

PER 1000 LAMP LUMENS

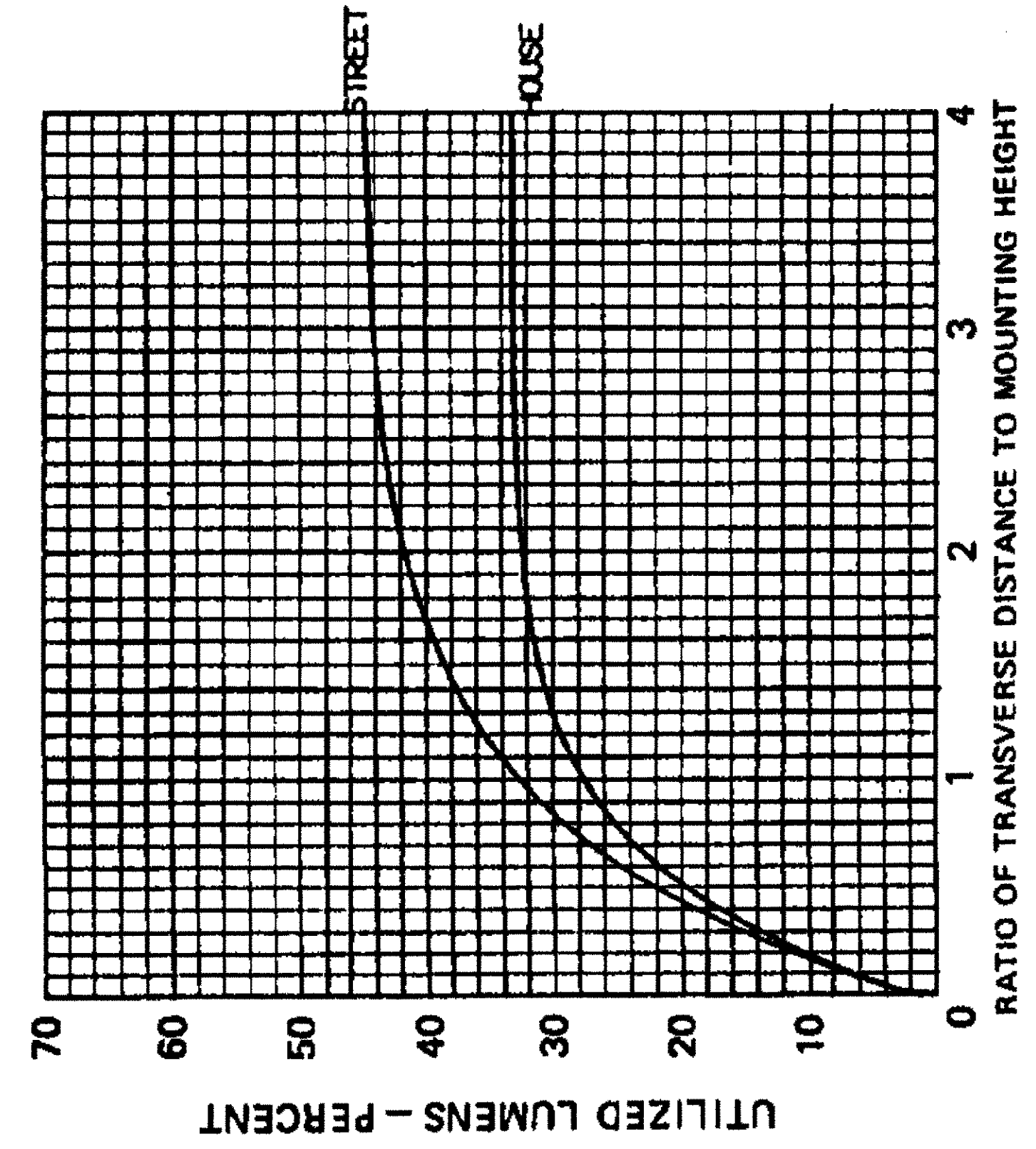
LUMINAIRE
 M-400R2 CUTOFF
 REFLECTOR 35-232563-01
 REFRACTOR FLAT GLASS
 SOCKET POSITION 1A

LAMP
 200-400 WATT HPS
 LU200, 250, 310 OR 400
 S86, S50, S67 OR S51

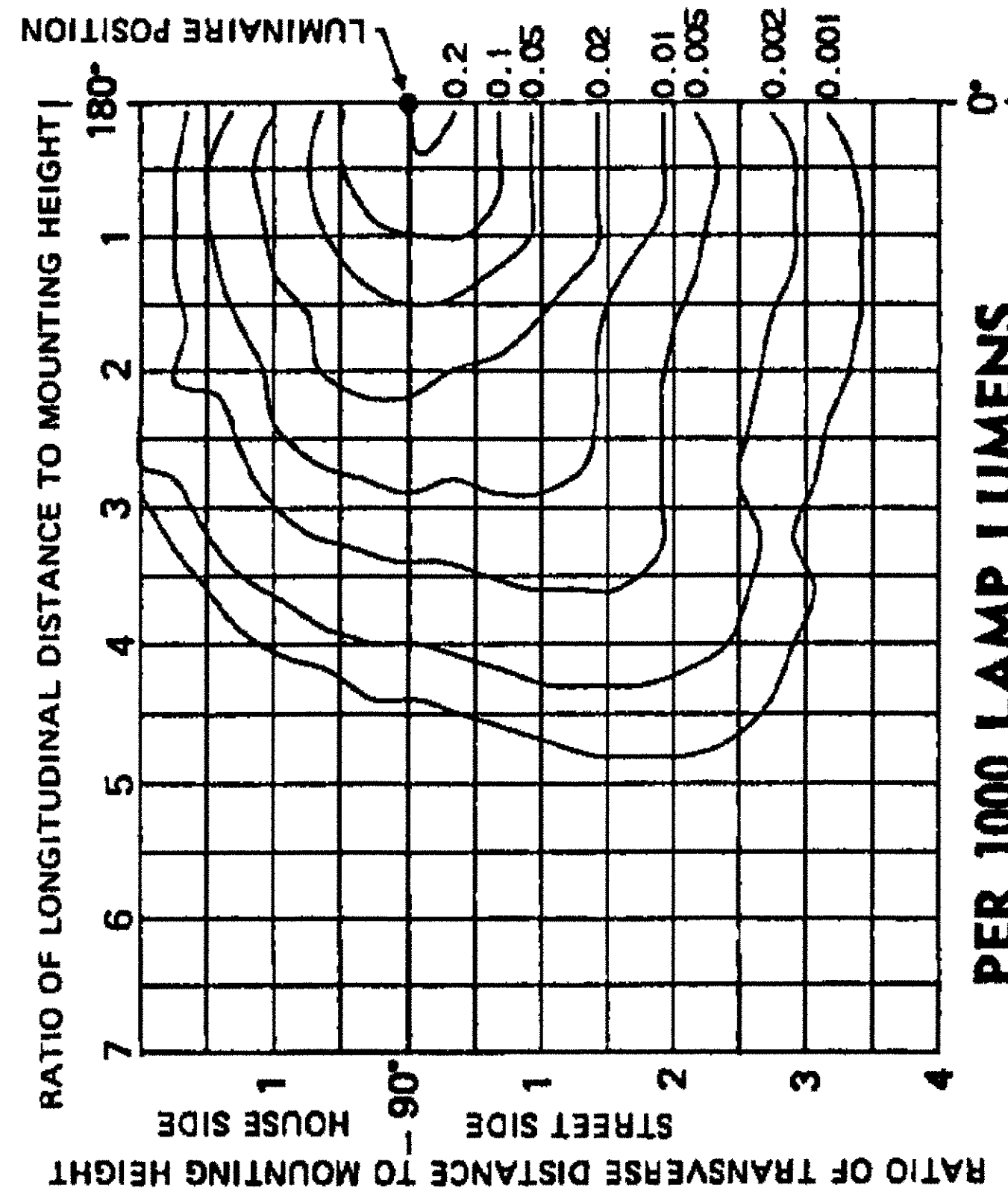
ANSI/IES TYPE 1972
 MEDIUM CUT-OFF III
 CIE TYPE
 SEMI CUT-OFF



UTILIZATION CURVE



ISOFOOTCANDLE CURVES



PER 1000 LAMP LUMENS

NOTE: 1 FOOTCANDLE = 10.76 LUX

MOUNTING HEIGHT CORRECTION FACTORS FOR OTHER THAN 30 FEET

MOUNTING HEIGHT - FEET	20	25	30	35	40	45	50
FACTOR	1.44	1.00	0.73	0.56	0.44	0.36	

GENERAL INFORMATION

TEST DISTANCE 25.0 FEET
 MAX CANDELA 311.2
 MAX CONE 72.5
 MAX VERTICAL PLANE 67.5/ 292.5
 MAX CANDELA AT 90° 4.1
 MAX CANDELA AT 80° 83.6
 NADIR FOOTCANDLES 0.2232
 NADIR CANDELA 200.9

MULTIPLY ALL LUMEN, CANDELA, AND FOOTCANDLE VALUES BY THIS RATIO
 RATIO = ACTUAL LAMP LUMENS / 1000

PHOTOMETRIC TEST IN ACCORDANCE WITH IES GUIDE

LIGHT FLUX VALUES

	LUMENS	PERCENT OF LAMP
DOWNWARD STREET SIDE	444	44.4
UPWARD STREET SIDE	0	0.0
DOWNWARD HOUSE SIDE	330	33.0
UPWARD HOUSE SIDE	0	0.0
TOTAL	774	77.4

TESTED *J. Almond* DATE 10-28-85
 APPROVED *Michael R. ...* DATE 11/2/85
 DRAWING NO. 35-177356 SHEET 1 REVISION 1

PROPERTY OF :
VT. AGENCY OF TRANS.
MAINTENANCE DIV.

IN EMERGENCY CALL :
DIST. TRANS. OFFICE
802-786-5826
NIGHTS & WEEKENDS : 802-250-0163
INTERSECTION NO. MS-302

PROJECT NAME:	CLARENDON
PROJECT NUMBER:	NHG SGNL (24)
FILE NAME:	+b240stg.dgn
PROJECT LEADER:	nyquist
DESIGNED BY:	Jfg
soan +b240 fl	
PLOT DATE:	28-OCT-2004
DRAWN BY:	
CHECKED BY:	
SHEET	19 OF 37