















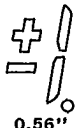

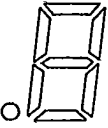
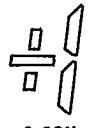
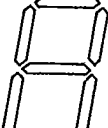
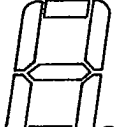
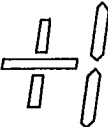

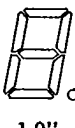
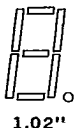

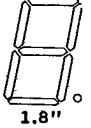
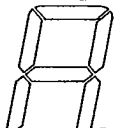
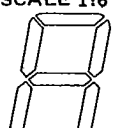
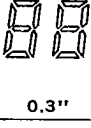
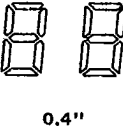
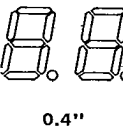


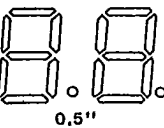
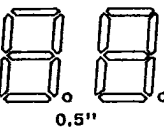
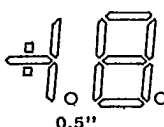
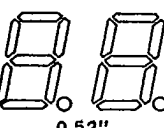
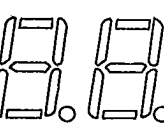
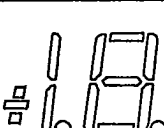
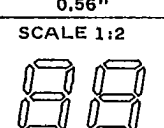
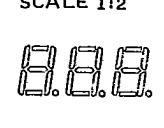
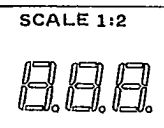
LED DISPLAY

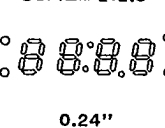
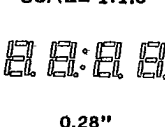
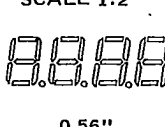
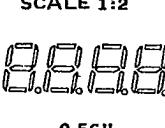
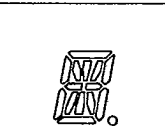
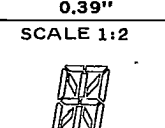
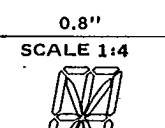
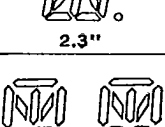
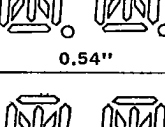
SINGLE DIGIT AND OVERFLOW			LUMINOUS INTENSITY INmcd@10mA	PACKAGE
DIGIT HEIGHT	DEVICE NUMBER	EMITTING COLOR	TYP.	
	LA(c)3011-16	RED	0.45	1
	LA(c)3021-16	GREEN	1.65	
	LA(c)3031-16	YELLOW	1.6	
	LA(c)3041-16	ORANGE	1.8	
	LA(c)3051-16	GaP RED	0.7	
	LA(c)3041R-16	HI-EFF. RED	1.8	
	LA3011-12 (LC3011-11)	RED	0.45	2
	LA3021-12 (LC3021-11)	GREEN	1.65	
	LA3031-12 (LC3031-11)	YELLOW	1.6	
	LA3041-12 (LC3041-11)	ORANGE	1.8	
	LA3051-12 (LC3051-11)	GaP RED	0.7	
	LA3041R-12(LC3041R-11)	HI-EFF. RED	1.8	
	LA3011-10	RED	0.45	3
	LA3021-10	GREEN	1.65	
	LA3031-10	YELLOW	1.6	
	LA3041-10	ORANGE	1.8	
	LA3051-10	GaP RED	0.7	
	LA3041R-10	HI-EFF. RED	1.8	
	LS3011-11(2)	RED	0.45	4
	LS3021-11(2)	GREEN	1.65	
	LS3031-11(2)	YELLOW	1.6	
	LS3041-11(2)	ORANGE	1.8	
	LS3051-11(2)	GaP RED	0.7	
	LS3041R-11(2)	HI-EFF. RED	1.8	
	LS3011-14	RED	0.45	5
	LS3021-14	GREEN	1.65	
	LS3031-14	YELLOW	1.6	
	LS3041-14	ORANGE	1.8	
	LS3051-14	GaP RED	0.7	
	LS3041R-14	HI-EFF. RED	1.8	
	LA (C) 3611-11	RED	0.48	6
	LA (C) 3621-11	GREEN	1.8	
	LA (C) 3631-11	YELLOW	1.7	
	LA (C) 3641-11	ORANGE	1.95	
	LA (C) 3651-11	GaP RED	0.8	
	LA (C) 3641R-11	HI-EFF. RED	1.95	
	LA (C) 3911-11	RED	0.48	7
	LA (C) 3921-11	GREEN	1.8	
	LA (C) 3931-11	YELLOW	1.7	
	LA (C) 3941-11	ORANGE	1.95	
	LA (C) 3951-11	GaP RED	0.8	
	LA (C) 3941R-11	HI-EFF. RED	1.95	
	LA (C) 4011-11	RED	0.48	8
	LA (C) 4021-11	GREEN	1.8	
	LA (C) 4031-11	YELLOW	1.7	
	LA (C) 4041-11	ORANGE	1.95	
	LA (C) 4051-11	GaP RED	0.8	
	LA (C) 4041R-11	HI-EFF. RED	1.95	

SINGLE DIGIT AND OVERFLOW			LUMINOUS INTENSITY INmcd@10mA	PACKAGE
DIGIT HEIGHT	DEVICE NUMBER	EMITTING COLOR	TYP.	
	LS4011-11(4)	RED	0.48	9
	LS4021-11(4)	GREEN	1.8	
	LS4031-11(4)	YELLOW	1.7	
	LS4041-11(4)	ORANGE	1.95	
	LS4051-11(4)	GaP RED	0.8	
	LS4041R-11(4)	HI-EFF. RED	1.95	
	LA (C) 4311-11	RED	0.48	10
	LA (C) 4321-11	GREEN	1.8	
	LA (C) 4331-11	YELLOW	1.7	
	LA (C) 4341-11	ORANGE	1.95	
	LA (C) 4351-11	GaP RED	0.8	
	LA (C) 4341R-11	HI-EFF. RED	1.95	
	LS4311-11	RED	0.48	11
	LS4321-11	GREEN	1.8	
	LS4331-11	YELLOW	1.7	
	LS4341-11	ORANGE	1.95	
	LS4351-11	GaP RED	0.8	
	LS4341R-11	HI-EFF. RED	1.95	
	LA (C) 5011-11	RED	0.5	12
	LA (C) 5021-11	GREEN	1.85	
	LA (C) 5031-11	YELLOW	1.75	
	LA (C) 5041-11	ORANGE	2.0	
	LA (C) 5051-11	GaP RED	0.9	
	LA (C) 5041R-11	HI-EFF. RED	2.0	
	LA (C) 5011-13	RED	0.5	13
	LA (C) 5021-13	GREEN	1.85	
	LA (C) 5031-13	YELLOW	1.75	
	LA (C) 5041-13	ORANGE	2.0	
	LA (C) 5051-13	GaP RED	0.9	
	LA (C) 5041R-13	HI-EFF. RED	2.0	
	LA (C) 5211-11	RED	0.5	14
	LA (C) 5221-11	GREEN	1.85	
	LA (C) 5231-11	YELLOW	1.75	
	LA (C) 5241-11	ORANGE	2.0	
	LA (C) 5251-11	GaP RED	0.9	
	LA (C) 5241R-11	HI-EFF. RED	2.0	
	LA (C) 5211-14	RED	0.5	15
	LA (C) 5221-14	GREEN	1.85	
	LA (C) 5231-14	YELLOW	1.75	
	LA (C) 5241-14	ORANGE	2.0	
	LA (C) 5251-14	GaP RED	0.9	
	LA (C) 5241R-14	HI-EFF. RED	2.0	
	LA (C) 5611-11	RED	0.5	16
	LA (C) 5621-11	GREEN	1.85	
	LA (C) 5631-11	YELLOW	1.75	
	LA (C) 5641-11	ORANGE	2.0	
	LA (C) 5651-11	GaP RED	0.9	
	LA (C) 5641R-11	HI-EFF. RED	2.0	

SINGLE DIGIT AND OVERFLOW			LUMINOUS INTENSITY INmcd@10mA	PACKAGE
DIGIT HEIGHT	DEVICE NUMBER	EMITTING COLOR		
 0.56"	LS5611-13 (4)	RED	0.5	17
	LS5621-13 (4)	GREEN	1.85	
	LS5631-13 (4)	YELLOW	1.75	
	LS5641-13 (4)	ORANGE	2.0	
	LS5651-13 (4)	GaP RED	0.9	
	LS5641R-13 (4)	HI-EFF. RED	2.0	
 0.6"	LA (C) 6011-11	RED	0.5	18
	LA (C) 6021-11	GREEN	1.85	
	LA (C) 6031-11	YELLOW	1.75	
	LA (C) 6041-11	ORANGE	2.0	
	LA (C) 6051-11	GaP RED	0.9	
	LA (C) 6041R-11	HI-EFF. RED	2.0	
 0.63"	LA (C) 6311-21	RED	0.75	19
	LA (C) 6321-21	GREEN	2.8	
	LA (C) 6331-21	YELLOW	2.65	
	LA (C) 6341-21	ORANGE	3.0	
	LA (C) 6351-21	GaP RED	1.5	
	LA (C) 6341R-21	HI-EFF. RED	3.0	
 0.63"	LA (C) 6311-23	RED	0.75	20
	LA (C) 6321-23	GREEN	2.8	
	LA (C) 6331-23	YELLOW	2.65	
	LA (C) 6341-23	ORANGE	3.0	
	LA (C) 6351-23	GaP RED	1.5	
	LA (C) 6341R-23	HI-EFF. RED	3.0	
 0.8"	LA (C) 8011-11	RED	0.55	21
	LA (C) 8021-11	GREEN	2.0	
	LA (C) 8031-11	YELLOW	1.9	
	LA (C) 8041-11	ORANGE	2.2	
	LA (C) 8051-11	GaP RED	1.0	
	LA (C) 8041R-11	HI-EFF. RED	2.2	
 0.8"	LA (C) 8011-21	RED	0.55	22
	LA (C) 8021-21	GREEN	2.0	
	LA (C) 8031-21	YELLOW	1.9	
	LA (C) 8041-21	ORANGE	2.2	
	LA (C) 8051-21	GaP RED	1.0	
	LA (C) 8041R-21	HI-EFF. RED	2.2	
 0.8"	LS 8011-11	RED	0.55	23
	LS 8021-11	GREEN	2.0	
	LS 8031-11	YELLOW	1.9	
	LS 8041-11	ORANGE	2.2	
	LS 8051-11	GaP RED	1.0	
	LS 8041R-11	HI-EFF. RED	2.2	
SCALE 1:2  1.0"	LA (C) 2511-21	RED	1.0	24
	LA (C) 2521-21	GREEN	3.3	
	LA (C) 2531-21	YELLOW	3.2	
	LA (C) 2541-21	ORANGE	3.6	
	LA (C) 2551-21	GaP RED	1.7	
	LA (C) 2541R-21	HI-EFF. RED	3.6	
SCALE 1:2  1.0"	LA (C) 2511-24	RED	1.0	25
	LA (C) 2521-24	GREEN	3.3	
	LA (C) 2531-24	YELLOW	3.2	
	LA (C) 2541-24	ORANGE	3.6	
	LA (C) 2551-24	GaP RED	1.7	
	LA (C) 2541R-24	HI-EFF. RED	3.6	

SINGLE DIGIT AND OVERFLOW			LUMINOUS INTENSITY INmcd@10mA	PACKAGE
DIGIT HEIGHT	DEVICE NUMBER	EMITTING COLOR		
SCALE 1:2  1.02"	LA (C) 2611-21	RED	1.0	26
	LA (C) 2621-21	GREEN	3.3	
	LA (C) 2631-21	YELLOW	3.2	
	LA (C) 2641-21	ORANGE	3.6	
	LA (C) 2651-21	GaP RED	1.7	
	LA (C) 2641R-21	HI-EFF. RED	3.6	
SCALE 1:2  1.02"	LA (C) 2611-23	RED	1.0	27
	LA (C) 2621-23	GREEN	3.3	
	LA (C) 2631-23	YELLOW	3.2	
	LA (C) 2641-23	ORANGE	3.6	
	LA (C) 2651-23	GaP RED	1.7	
	LA (C) 2641R-23	HI-EFF. RED	3.6	
SCALE 1:3  1.8"	LA(C)1821-358(352)	GREEN	2.2	28
	LA(C)1841-358(352)	HI-EFF. RED	2.4	
	LA(C)1851-358(352)	GaP RED	1.0	
	NOTE: L x 18 x 1 SERIES ARE UNEN - CAPSULATED TYPE			
SCALE 1:3  2.3"	LA (C) 2311-41	RED	—	29
	LA (C) 2321-41	GREEN	5.4	
	LA (C) 2331-41	YELLOW	—	
	LA (C) 2341-41	ORANGE	6.0	
	LA (C) 2351-41	GaP RED	2.8	
	LA (C) 2341R-41	HI-EFF. RED	6.0	
SCALE 1:6  4.0"	LA (C) 4111-82	RED	—	30
	LA (C) 4121-82	GREEN	5.4	
	LA (C) 4131-82	YELLOW	—	
	LA (C) 4141-82	ORANGE	6.0	
	LA (C) 4151-82	GaP RED	4.0	
	LA (C) 4141R-82	HI-EFF. RED	6.0	
DUAL DIGIT AND OVERFLOW DISPLAY				
 0.3"	LD(E)3012-00	RED	0.4	31
	LD(E)3022-00	GREEN	1.5	
	LD(E)3032-00	YELLOW	1.4	
	LD(E)3042-00	ORANGE	1.6	
	LD(E)3052-00	GaP RED	0.7	
	LD(E)3042R-00	HI-EFF. RED	1.6	
 0.4"	LA (C) 4012-11	RED	0.45	32
	LA (C) 4022-11	GREEN	1.65	
	LA (C) 4032-11	YELLOW	1.6	
	LA (C) 4042-11	ORANGE	1.8	
	LA (C) 4052-11	GaP RED	0.7	
	LA (C) 4042R-11	HI-EFF. RED	1.8	
 0.4"	LD 4012-11	RED	0.45	33
	LD 4022-11	GREEN	1.65	
	LD 4032-11	YELLOW	1.6	
	LD 4042-11	ORANGE	1.8	
	LD 4052-11	GaP RED	0.7	
	LD 4042R-11	HI-EFF. RED	1.8	

DUAL DIGIT AND OVERFLOW			LUMINOUS INTENSITY INmcd@10mA	PACKAGE
DIGIT HEIGHT	DEVICE NUMBER	EMITTING COLOR	TYP.	
 0.5"	LA (C) 5012-11	RED	0.5	34
	LA (C) 5022-11	GREEN	1.85	
	LA (C) 5032-11	YELLOW	1.75	
	LA (C) 5042-11	ORANGE	2.0	
	LA (C) 5052-11	GaP RED	0.9	
	LA (C) 5042R-11	HI-EFF. RED	2.0	
 0.5"	LD (E) 5012-11	RED	0.5	35
	LD (E) 5022-11	GREEN	1.85	
	LD (E) 5032-11	YELLOW	1.75	
	LD (E) 5042-11	ORANGE	2.0	
	LD (E) 5052-11	GaP RED	0.9	
	LD (E) 5042R-11	HI-EFF. RED	2.0	
 0.5"	LA (C) 5012-12	RED	0.5	36
	LA (C) 5022-12	GREEN	1.85	
	LA (C) 5032-12	YELLOW	1.75	
	LA (C) 5042-12	ORANGE	2.0	
	LA (C) 5052-12	GaP RED	0.9	
	LA (C) 5042R-12	HI-EFF. RED	2.0	
 0.52"	LA (C) 5212-11	RED	0.5	37
	LA (C) 5222-11	GREEN	1.85	
	LA (C) 5232-11	YELLOW	1.75	
	LA (C) 5242-11	ORANGE	2.0	
	LA (C) 5252-11	GaP RED	0.9	
	LA (C) 5242R-11	HI-EFF. RED	2.0	
 0.56"	LA (C) 5612-11	RED	0.5	38
	LA (C) 5622-11	GREEN	1.85	
	LA (C) 5632-11	YELLOW	1.75	
	LA (C) 5642-11	ORANGE	2.0	
	LA (C) 5652-11	GaP RED	0.9	
	LA (C) 5642R-11	HI-EFF. RED	2.0	
 0.56"	LA (C) 5612-12	RED	0.5	39
	LA (C) 5622-12	GREEN	1.85	
	LA (C) 5632-12	YELLOW	1.75	
	LA (C) 5642-12	ORANGE	2.0	
	LA (C) 5652-12	GaP RED	0.9	
	LA (C) 5642R-12	HI-EFF. RED	2.0	
SCALE 1:2  0.8"	LA (C) 8012-11	RED	0.55	40
	LA (C) 8022-11	GREEN	2.0	
	LA (C) 8032-11	YELLOW	1.9	
	LA (C) 8042-11	ORANGE	2.2	
	LA (C) 8052-11	GaP RED	1.0	
	LA (C) 8042R-11	HI-EFF. RED	2.2	
3 DIGIT DISPLAY.				
SCALE 1:2  0.56"	LA (C) 5613-11	RED	0.45	41
	LA (C) 5623-11	GREEN	1.65	
	LA (C) 5633-11	YELLOW	1.6	
	LA (C) 5643-11	ORANGE	1.8	
	LA (C) 5653-11	GaP RED	0.7	
	LA (C) 5643R-11	HI-EFF. RED	1.8	
SCALE 1:2  0.56"	LM (N) 5613-11	RED	0.45	42
	LM (N) 5623-11	GREEN	1.65	
	LM (N) 5633-11	YELLOW	1.6	
	LM (N) 5643-11	ORANGE	1.8	
	LM (N) 5653-11	GaP RED	0.7	
	LM (N) 5643R-11	HI-EFF. RED	1.8	

4 DIGIT DISPLAY			LUMINOUS INTENSITY INmcd@10mA	PACKAGE
DIGIT HEIGHT	DEVICE NUMBER	EMITTING COLOR	TYP.	
SCALE 1:1.3  0.24"	LC2414-11	RED	0.4	43
	LC2424-11	GREEN	1.5	
	LC2434-11	YELLOW	1.4	
	LC2444-11	ORANGE	1.6	
	LC2454-11	GaP RED	0.7	
	LC2444R-11	HI-EFF. RED	1.6	
SCALE 1:1.3  0.28"	LM2814-11	RED	0.45	44
	LM2824-11	GREEN	1.65	
	LM2834-11	YELLOW	1.6	
	LM2844-11	ORANGE	1.8	
	LM2854-11	GaP RED	0.7	
	LM2844R-11	HI-EFF. RED	1.8	
SCALE 1:2  0.56"	LA(C)5614-11	RED	0.45	45
	LA(C)5624-11	GREEN	1.65	
	LA(C)5634-11	YELLOW	1.6	
	LA(C)5644-11	ORANGE	1.8	
	LA(C)5654-11	GaP RED	0.7	
	LA(C)5644R-11	HI-EFF. RED	1.8	
SCALE 1:2  0.56"	LM(N)5614-11	RED	0.45	46
	LM(N)5624-11	GREEN	1.65	
	LM(N)5634-11	YELLOW	1.6	
	LM(N)5644-11	ORANGE	1.8	
	LM(N)5654-11	GaP RED	0.7	
	LM(N)5644R-11	HI-EFF. RED	1.8	
SINGLE AND DUAL ALPHANUMERIC DISPLAY				
 0.39"	LA(C)3911-11B	RED	0.48	47
	LA(C)3921-11B	GREEN	1.8	
	LA(C)3931-11B	YELLOW	1.7	
	LA(C)3941-11B	ORANGE	1.95	
	LA(C)3951-11B	GaP RED	0.8	
	LA(C)3941R-11B	HI-EFF. RED	1.95	
SCALE 1:2  0.8"	LA(C)8011-11B	RED	0.55	48
	LA(C)8021-11B	GREEN	2.0	
	LA(C)8031-11B	YELLOW	1.9	
	LA(C)8041-11B	ORANGE	2.2	
	LA(C)8051-11B	GaP RED	1.0	
	LA(C)8041R-11B	HI-EFF. RED	2.2	
SCALE 1:4  2.3"	LA(C)2311-42B	RED	—	49
	LA(C)2321-42B	GREEN	2.7	
	LA(C)2331-42B	YELLOW	—	
	LA(C)2341-42B	ORANGE	3.0	
	LA(C)2351-42B	GaP RED	2.0	
	LA(C)2341R-42B	HI-EFF. RED	3.0	
 0.54"	LA(C)5412-11	RED	0.4	50
	LA(C)5422-11	GREEN	1.5	
	LA(C)5432-11	YELLOW	1.4	
	LA(C)5442-11	ORANGE	1.6	
	LA(C)5452-11	GaP RED	0.7	
	LA(C)5442R-11	HI-EFF. RED	1.6	
 0.54"	LA(C)5412-21	RED	0.4	51
	LA(C)5422-21	GREEN	1.5	
	LA(C)5432-21	YELLOW	1.4	
	LA(C)5442-21	ORANGE	1.6	
	LA(C)5452-21	GaP RED	0.7	
	LA(C)5442R-21	HI-EFF. RED	1.6	