

Light Emitting Diodes (LED) - Brightness Intensity Groups

1/1 - Grouping, starting with C			1/2 - Grouping, starting with C1			1/3 - Grouping, starting with AX			1/4 - Grouping, starting with 1C			1/6 - Grouping, starting at AW		
Bin	min.	max.	Bin	min.	max.	Bin	min.	max.	Bin	min.	max.	Bin	min.	max.
C	0.28	0.45	C1	0.28	0.36	CG	0.28	0.33	1C	0.28	0.32	CJ	0.28	
			C2	0.36	0.45	CH	0.33	0.39	2C	0.32	0.36	CK		
						CI	0.39	0.45	3C	0.36	0.40	CL		
									4C	0.40	0.45	CM		
												CN		
												CO		0.45
D	0.45	0.71	D1	0.45	0.56	DG	0.45	0.52	1D	0.45	0.50	DJ	0.45	
			D2	0.56	0.71	DH	0.52	0.61	2D	0.50	0.56	DK		
						DI	0.61	0.71	3D	0.56	0.63	DL		
									4D	0.63	0.71	DM		
												DN		
												DO		0.71
E	0.71	1.12	E1	0.71	0.90	EG	0.71	0.82	1E	0.71	0.80	EJ	0.71	
			E2	0.90	1.12	EH	0.82	0.97	2E	0.80	0.90	EK		
						EI	0.97	1.12	3E	0.90	1.00	EL		
									4E	1.00	1.12	EM		
												EN		
												EO		1.12
F	1.12	1.80	F1	1.12	1.40	FG	1.12	1.30	1F	1.12	1.25	FJ	1.12	
			F2	1.40	1.80	FH	1.30	1.50	2F	1.25	1.40	FK		
						FI	1.50	1.80	3F	1.40	1.59	FL		
									4F	1.59	1.80	FM		
												FN		
												FO		1.80
G	1.80	2.80	G1	1.80	2.24	GG	1.80	2.10	1G	1.80	2.01	GJ	1.8	
			G2	2.24	2.80	GH	2.10	2.40	2G	2.01	2.24	GK		
						GI	2.40	2.80	3G	2.24	2.50	GL		
									4G	2.50	2.80	GM		
												GN		
												GO		2.8
H	2.80	4.50	H1	2.80	3.55	HG	2.80	3.30	1H	2.80	3.15	HJ	2.8	
			H2	3.55	4.50	HH	3.30	3.90	2H	3.15	3.55	HK		
						HI	3.90	4.50	3H	3.55	4.00	HL		
									4H	4.00	4.50	HM		
												HN		
												HO		4.5
J	4.50	7.10	J1	4.50	5.60	JG	4.50	5.20	1J	4.50	5.00	JJ	4.5	
			J2	5.60	7.10	JH	5.20	6.10	2J	5.00	5.60	JK		
						JI	6.10	7.10	3J	5.60	6.30	JL		
									4J	6.30	7.10	JM		
												JN		
												JO		7.1
K	7.10	11.2	K1	7.10	9.00	KG	7.10	8.20	1K	7.10	8.00	KJ	7.1	
			K2	9.00	11.2	KH	8.20	9.70	2K	8.00	9.00	KK		
						KI	9.70	11.20	3K	9.00	10.00	KL		
									4K	10.00	11.2	KM		
												KN		
												KO		11.2
L	11.2	18.0	L1	11.2	14.0	LG	11.2	13.0	1L	11.2	12.5	LJ	11.2	
			L2	14.0	18.0	LH	13.0	15.0	2L	12.5	14.0	LK		
						LI	15.0	18.0	3L	14.0	15.9	LL		
									4L	15.9	18.0	LM		
												LN		
												LO		18.0
M	18.0	28.0	M1	18.0	22.4	MG	18.0	21.0	1M	18.0	20.1	MJ	18	
			M2	22.4	28.0	MH	21.0	24.0	2M	20.1	22.4	MK		
						MI	24.0	28.0	3M	22.4	25.0	ML		
									4M	25.0	28.0	MM		
												MN		
												MO		28
N	28.0	45.0	N1	28.0	35.5	NG	28.0	33.0	1N	28.0	31.5	NJ	28.0	30.4
			N2	35.5	45.0	NH	33.0	39.0	2N	31.5	35.5	NK	30.4	33.0
						NI	39.0	45.0	3N	35.5	40.0	NL	33.0	35.9
									4N	40.0	45.0	NM	35.9	39.0
												NN	39.0	41.9
												NO	41.9	45.0
P	45.0	71.0	P1	45.0	56.0	PG	45.0	52.0	1P	45.0	50.0	PJ	45.0	48.4
			P2	56.0	71.0	PH	52.0	61.0	2P	50.0	56.0	PK	48.4	52.0
						PI	61.0	71.0	3P	56.0	63.0	PL	52.0	56.3
									4P	63.0	71.0	PM	56.3	61.0
												PN	61.0	65.8
												PO	65.8	71.0
Q	71.0	112	Q1	71.0	90.0	QG	71	82	1Q	71.0	80.0	QJ	71	76.3
			Q2	90.0	112	QH	82	97	2Q	80.0	90.0	QK	76.3	82
						QI	97	112	3Q	90.0	100.0	QL	82	89
									4Q	100.0	112	QM	89	97
												QN	97	104
												QO	104	112
R	112	180	R1	112	140	RG	112	130	1R	112	125	RJ	112	121
			R2	140	180	RH	130	150	2R	125	140	RK	121	130
						RI	150	180	3R	140	159	RL	130	140
									4R	159	180	RM	140	150
												RN	150	164
												RO	164	180
S	180	280	S1	180	224	SG	180	210	1S	180	201	SJ	180	194
			S2	224	280	SH	210	240	2S	201	224	SK	194	210
						SI	240	280	3S	224	250	SL	210	224
									4S	250	280	SM	224	240
												SN	240	259
												SO	259	280
T	280	450	T1	280	355	TG	280	330	1T	280	315	TJ	280	300
			T2	355	450	TH	330	390	2T	315	355	TK	300	325
						TI	390	450	3T	355	400	TL	325	350
									4T	400	450	TM	350	380
												TN	380	415
												TO	415	450
U	450	710	U1	450	560	UG	450	520	1U	450	500	UJ	450	485
			U2	560	710	UH	520	610	2U	500	560	UK	485	525
						UI	610	710	3U	560	630	UL	525	565
									4U	630	710	UM	565	610
												UN	610	660
												UO	660	710
V	710	1,120	V1	710	900	VG	710	820	1V	710	800	VJ	710	765
			V2	900	1,120	VH	820	970	2V	800	900	VK	765	825
						VI	970	1,120	3V	900	1,000	VL	825	890
									4V	1,000	1,120	VM	890	960
												VN	960	1035
												VO	1035	1120
AW	1,120	1,800	AA	1,120	1,400	AX	1,120	1,300	5A	1,120	1,250	AP	1,120	1,210
			AB	1,400	1,800	AY	1,300	1,500	6A	1,250	1,400	AQ	1,210	1,300
						AZ	1,500	1,800						

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Bin	min.	max.	Bin	min.	max.	Bin	min.	max.	Bin	min.	max.	Bin	min.	max.
CW	2,800	4,500	CA	2,800	3,550	CX	2,800	3,300	5C	2,800	3,150	CP	2,800	3,040
			CB	3,550	4,500	CY	3,300	3,900	6C	3,150	3,550	CQ	3,040	3,300
						CZ	3,900	4,500	7C	3,550	4,000	CR	3,300	3,590
									8C	4,000	4,500	CS	3,590	3,900
												CT	3,900	4,190
												CU	4,190	4,500
DW	4,500	7,100	DA	4,500	5,600	DX	4,500	5,200	5D	4,500	5,000	DP	4,500	4,840
			DB	5,600	7,100	DY	5,200	6,100	6D	5,000	5,600	DQ	4,840	5,200
						DZ	6,100	7,100	7D	5,600	6,300	DR	5,200	5,630
									8D	6,300	7,100	DS	5,630	6,100
												DT	6,100	6,580
												DU	6,580	7,100
EW	7,100	11,200	EA	7,100	9,000	EX	7,100	8,200	5E	7,100	8,000	EP	7,100	7,630
			EB	9,000	11,200	EY	8,200	9,700	6E	8,000	9,000	EQ	7,630	8,200
						EZ	9,700	11,200	7E	9,000	10,000	ER	8,200	8,920
									8E	10,000	11,200	ES	8,920	9,700
												ET	9,700	10,420
												EU	10,420	11,200
FW	11,200	18,000	FA	11,200	14,000	FX	11,200	13,000	5F	11,200	12,500	FP	11,200	12,100
			FB	14,000	18,000	FY	13,000	15,000	6F	12,500	14,000	FQ	12,100	13,000
						FZ	15,000	18,000	7F	14,000	15,900	FR	13,000	14,000
									8F	15,900	18,000	FS	14,000	15,000
												FT	15,000	16,400
												FU	16,400	18,000
GW	18,000	28,000	GA	18,000	22,400	GX	18,000	21,000	5G	18,000	20,100	GP	18,000	19,400
			GB	22,400	28,000	GY	21,000	24,000	6G	20,100	22,400	GQ	19,400	21,000
						GZ	24,000	28,000	7G	22,400	25,000	GR	21,000	22,400
									8G	25,000	28,000	GS	22,400	24,000
												GT	24,000	25,900
												GU	25,900	28,000
HW	28,000	45,000	HA	28,000	35,500	HX	28,000	33,000	5H	28,000	31,500	HP	28,000	30,400
			HB	35,500	45,000	HY	33,000	39,000	6H	31,500	35,500	HQ	30,400	33,000
						HZ	39,000	45,000	7H	35,500	40,000	HR	33,000	35,900
									8H	40,000	45,000	HS	35,900	39,000
												HT	39,000	41,900
												HU	41,900	45,000
JW	45,000	71,000	JA	45,000	56,000	JX	45,000	52,000	5J	45,000	50,000	JP	45,000	48,400
			JB	56,000	71,000	JY	52,000	61,000	6J	50,000	56,000	JQ	48,400	52,000
						JZ	61,000	71,000	7J	56,000	63,000	JR	52,000	56,300
									8J	63,000	71,000	JS	56,300	61,000
												JT	61,000	65,800
												JU	65,800	71,000
KW	71,000	112,000	KA	71,000	90,000	KX	71,000	82,000	5K	71,000	80,000	KP	71,000	76,300
			KB	90,000	112,000	KY	82,000	97,000	6K	80,000	90,000	KQ	76,300	82,000
						KZ	97,000	112,000	7K	90,000	100,000	KR	82,000	89,200
									8K	100,000	112,000	KS	89,200	97,000
												KT	97,000	104,200
												KU	104,200	112,000
LW	112,000	180,000	LA	112,000	140,000	LX	112,000	130,000	5L	112,000	125,000	LP	112,000	121,000
			LB	140,000	180,000	LY	130,000	150,000	6L	125,000	140,000	LQ	121,000	130,000
						LZ	150,000	180,000	7L	140,000	159,000	LR	130,000	140,000
									8L	159,000	180,000	LS	140,000	150,000
												LT	150,000	164,000
												LU	164,000	180,000
MW	180,000	280,000	MA	180,000	224,000	MX	180,000	210,000	5M	180,000	201,000	MP	180,000	194,000
			MB	224,000	280,000	MY	210,000	240,000	6M	201,000	224,000	MQ	194,000	210,000
						MZ	240,000	280,000	7M	224,000	250,000	MR	210,000	224,000
									8M	250,000	280,000	MS	224,000	240,000
												MT	240,000	259,000
												MU	259,000	280,000
NW	280,000	450,000	NA	280,000	355,000	NX	280,000	330,000	5N	280,000	315,000	NP	280,000	304,000
			NB	355,000	450,000	NY	330,000	390,000	6N	315,000	355,000	NQ	304,000	330,000
						NZ	390,000	450,000	7N	355,000	400,000	NR	330,000	359,000
									8N	400,000	450,000	NS	359,000	390,000
												NT	390,000	419,000
												NU	419,000	450,000
PW	450,000	710,000	PA	450,000	560,000	PX	450,000	520,000	5P	450,000	500,000	PP	450,000	484,000
			PB	560,000	710,000	PY	520,000	610,000	6P	500,000	560,000	PQ	484,000	520,000
						PZ	610,000	710,000	7P	560,000	630,000	PR	520,000	563,000
									8P	630,000	710,000	PS	563,000	610,000
												PT	610,000	658,000
												PU	658,000	710,000
QW	710,000	1,120,000	QA	710,000	900,000	QX	710,000	820,000	5Q	710,000	800,000	QP	710,000	763,000
			QB	900,000	1,120,000	QY	820,000	970,000	6Q	800,000	900,000	QQ	763,000	820,000
						QZ	970,000	1,120,000	7Q	900,000	1,000,000	QR	820,000	892,000
									8Q	1,000,000	1,120,000	QS	892,000	970,000
												QT	970,000	1,042,000
												QU	1,042,000	1,120,000
RW	1,120,000	1,800,000	RA	1,120,000	1,400,000	RX	1,120,000	1,300,000	5R	1,120,000	1,250,000	RP	1,120,000	1,210,000
			RB	1,400,000	1,800,000	RY	1,300,000	1,500,000	6R	1,250,000	1,400,000	RQ	1,210,000	1,300,000
						RZ	1,500,000	1,800,000	7R	1,400,000	1,590,000	RR	1,300,000	1,400,000
									8R	1,590,000	1,800,000	RS	1,400,000	1,500,000
												RT	1,500,000	1,640,000
												RU	1,640,000	1,800,000
SW	1,800,000	2,800,000	SA	1,800,000	2,240,000	SX	1,800,000	2,100,000	5S	1,800,000	2,010,000	SP	1,800,000	1,940,000
			SB	2,240,000	2,800,000	SY	2,100,000	2,400,000	6S	2,010,000	2,240,000	SQ	1,940,000	2,100,000
						SZ	2,400,000	2,800,000	7S	2,240,000	2,500,000	SR	2,100,000	2,240,000
									8S	2,500,000	2,800,000	SS	2,240,000	2,400,000
												ST	2,400,000	2,590,000
												SU	2,590,000	2,800,000
TW	2,800,000	4,500,000	TA	2,800,000	3,550,000	TX	2,800,000	3,300,000	5T	2,800,000	3,150,000	TP	2,800,000	3,040,000
			TB	3,550,000	4,500,000	TY	3,300,000	3,900,000	6T	3,150,000	3,550,000	TQ	3,040,000	3,300,000
						TZ	3,900,000	4,500,000	7T	3,550,000	4,000,000			