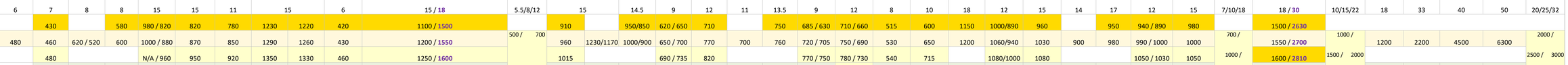
Lotus LED Lights™ — Interactive e-Catalog Recessed Down Lights & Panels

Revision August 2023

Size	2"						3"				4"																						5"	6"											8"						10"
Family	Regressed						Slim	Regressed			Slim Baffle	Deep Regressed					Regressed			Super Thin					Slim Baffle	Indirect	Multi Fit	J-Box	Regressed	Super Thin					Slim Baffle	Indirect	Deep Regressed					Super Thin	Slim Recessed					Deep Reg
Round Model # Click for Spec Sheet — Lower Output Model	LED-1-S6W	LED-1-S7W-5CCT	JXL-COB02-R08W-CCT	LED-2-S8W2	LED-2-S15W	LED-2-S15W-T	LL3R	LD3R	LD3R-4RSL	LED-3-S6W-5CCT-BA	LD4R	LD4R-CPL	LD4R-IT	LD4R-5R-SL30	TP120-347-RT4-C-DIM-G1-ES	AD-LED-4-S15W	JXL-COB04-R15W-CCT	LL4RR	LED-S9W	FR-LED-4-S12W-5CCT-PL	LB4R	LL4R	LED-S9W-5CCT-R-BF	DS-LED-4-S12W	LED-S8W-MT	LBL-JB10W-5CCT	LL6RR	LED-6-S12W	FR-LED-6-S15W-5CCT-PL	LB6R	LL6R	LED-6-S12W-5CCTWH-R-BF	DS-LED-6-S16W	TP120-347-RT6-C-DIM-G1-ES	LD6R	LD8R	TP120-347-RT8-C-DIM-G1-ES	LB8R	LY82RCD	LL8R	LL10R	TP120-347-RT9.5-C-DIM-G1-ES
Higher Output Model											LD4R-HO		LD4R-HO-IT	LD4R-HO-5R-SL30																						LD6R-HO	LD8R-HO									
Click on image for Trim Options																																															
Square Model # Click for Spec Sheet — Lower Output Model	Same as Round					LED-2-S15W-T-SQ		LD3S	LD3S-5SSL		LD4S	LD4S-CPL				AD-LED-4-S15W	JXL-COB04-R15W-CCT	LL4SR	LED-S9W-5CCTWH-SQ			LL4S	LED-S9W-5CCT-SQ-BF	DS-LED-4-S12W-SQ		Same as round	LL6SR	LED-6-S12W-5CCTWH-SQ			LL6S	LED-6-S12W-5CCTWH-SQ-BF													
Higher Output Model											LD4S-HO																																				
Click on image for Trim Options																																															
Short Description	2" Round / Square 24 V	2" Round / Square / Trimless 7W	2" Round / Square Exchangeable Reflectors	2" Round / Square Designer Series	2" Round / Square Designer Series HO	2" Round / Square Trimless Designer Series HO	3" Round Slim Recessed	3" Round / Square Regressed	4" Round / Square Regressed 30° Sloped	3" Round Regressed Baffle	4" Round / Square Deep Regressed	4" Round / Square Polycarbonate Trim	4" Round Trimless Regressed	5" Round 30°Sloped Deep Regressed	4" Round 3 CCT 3 Wattage Selectable	4" Round / Square Regressed 15W	4" Round / Square Exchangeable Reflectors	4" Round / Square Regressed Plenum Rated	4" Round / Square Budget	4" Round Fire Rated Slim Panel	4" Round Super Thin Economy	4" Round / Square Super Thin Ultimate	4" Round / Square Regressed Baffle Budget	4" Round / Square Indirect Slim Recessed	4" Round J-box or Retrofit Mount	5" Round / Square J-box Mount	6" Round / Square Regressed Plenum Rated	6" Round / Square Budget	6 " Round Fire Rated Slim Panel	6" Round Super Thin Economy	6" Round / Square Super Thin Ultimate	6" Round / Square Regressed Baffle 5CCT	6" Round Indirect Slim Recessed	6" Round 3 CCT 3 Wattage Selectable	6" Round Deep Regressed	8" Round Deep Regressed	8" Round 3 CCT 3 Wattage Selectable	8" Round Super Thin Economy	8" Round Slim 33W	8" Round Commercial 40W	10" Round Commercial 50W	10" Round 3 CCT 3 Wattage Selectable
Power Regular (W) / High Output (W)	6	7	8	8	15	15	11	15		6	15 / 18				5.5/8/12	15		14.5	9	12	11	13.5	9	12	8	10	18	12	15	14	17	12	15	7/10/18	18 / 30	10/15/22	18	33	40	50	20/25/32
Warm 2700 K		430		580	980 / 820	820	780	1230	1220	420	1100 / 1500					910		950/850	620 / 650	710		750	685 / 630	710 / 660	515	600	1150	1000/890	960		950	940 / 890	980		1500 / 2630									
Soft 3000 K	480	460	620 / 520	600	1000 / 880	870	850	1290	1260	430	1200 / 1550				500 / 700	960	1230/1170	1000/900	650 / 700	770	700	760	720 / 705	750 / 690	530	650	1200	1060/940	1030	900	980	990 / 1000	1000	700 / 1000 / 1500	1550 / 2700	1000 / 1500 / 2000	1200	2200	4500	6300	2000 / 2500 / 3000
Bright 3500 K		480			N/A / 960	950	920	1350	1330	460	1250 / 1600					1015			690 / 735	820			770 / 750	780 / 730	540	715		1080/1000	1080			1050 / 1030	1050		1600 / 2810								
Neutral 4000 K		480	670 / 570	620	1020/1000	985	940	1410	1380	480	1300 / 1650				/ 1000	1050	1410/1360	1020/950	680 / 740	820	730	800	780 / 740	780 / 730	560	740	1300	1060/1015	1100	930	1000	1070 / 1050	1050		1650 / 2900		1260	2400	4700	6700	
Daylight 5000 K		450	650 / 550		N/A / 960	960	930	1450	1390	450	1400 / 1700					1055	1390/1290		660 / 710	800		850	760 / 710	740 / 700	550	730		1010/980	1050		1050	1040 / 1010	1020		1700 / 3000				4940	6830	
Dim to Warm					800		900	1300	1280		900 / 1150							800/780			650	760								850	980				1150 - 18W only						
User Selectable CCT		5 CCT	3 CCT 30-40-50		5 CCT 2700 - 3000 - 3500 - 4000 - 5000										3 CCT 30-35-40	5 CCT	3 CCT 30-40-50		5 CCT				5 CCT 2700-3000-3500-4000-5000K					5 CCT				5 CCT		3 CCT 30-35-40	5 CCT - 18W only	3 CCT 30-35-40					3 CCT 30-35-40
Input Voltage	24V AC/DC	120 V AC			120-277 VAC (single CCT)	120V AC	120 V - 347 V AC			120 V AC	120 V - 347 V AC					120-277 VAC (all CCTs)	120 VAC	120-347 V	120 VAC		120-347 V	120-347VAC or 24VDC	120V AC			120-347 V	120 VAC		120 V - 347 V AC		120V AC			120 V - 347 V AC								
Default Triac Dimmable Driver	Internal	Included (120V AC)					LD-1025-D (120V)	LD-1535-L (120V AC)		Included (120V AC)	LD-1535-LR (120V AC)				Built - in 0-10V Dimmable 120-347V	Included (120V AC)		LD-1535-LR (120V)	Included (120V AC)		LD-1535-SB (120V)	LD-1535-L (120V)	Included (120V AC)	Built-in (120V)		LD-2050-SR (120V)	Included (120V AC)		LD-1535-SB (120V)	LD-2050-S (120V)		Built - in 0-10V Dimmable 120-347V	LD-2050-SR (120V)	Built - in 0-10V Dimmable 120-347V	2050-SB (120V)	3580-S (120V)	N/A				Built - in 0-10V Dimmable 120-347V
Optional 0-10V Dimmable Driver					120-277 V (single CCT)		LD-1025-T3 (120-347V)	LD-1535-T3 (120-347V)			LD-1535-TR (120-347V all CCTs)					120-277 V (all CCTs)		LD-1535-TR (120-347V)			LD-1535-TB (120-347V)	LD-1535-T (120-347V)				LD-2050-TR (120-347V)			LD-1535-TB (120-347V)	LD-2050-T (120-347V)			LD-2050-TR (120-347V)		2050-TB (120-347V)	3580-T (120-347V)	LD-40-WT (120-277V)	LD-50-WT (120-277V)		
High Output Triac Dimmable											LD-2050-SR (120V AC)																								LD-3580-SR (120V AC)						LD-40-WH (347V)	LD-50-WH (347V)		
High Output 0-10V Dimmable											LD-2050-TR (120-347V all CCTs)																								LD-3580-TR (120-347V)								0-10V Dimmable Only	
Color Rendering Index CRI	90 +																		80	90+	80	R90 / SQ80	80	90+	80	90 +		80	90+	80	R90 / SQ80	80	90+	90 +				80				90 +
Beam Angle	38°		36°	38° / 24°			standard 38° | custom 15°, 24°, 60°			110°	30°				83°	40°	36°	90°	110°					130°	110°	60°	90°	110°					140°	88°	38°		90°	110°			45°	60°	92°
Trims — Click on images for bigger pictures				85 Trim Options																																							
Rated Life (LM70 Hours)	50,000		30,000	50,000													30,000	50,000	36,000			50,000	36,000		50,000							36,000		50,000								
Warranty (Years)	3 Year			5 Year			10 Year Res / 5 Com			3 Year	10 Year Res / 5 Com			5 Year			3 Year	10 Res 5 Com	3 Year		5 Year	10 Res 5 Com	3 Year		5 Year	10 Res 5 Com	3 Year		5 Year	10 Res 5 Com	3 Year		5 Year	10 Year Res / 5 Com			5 Year					
Certifications (ES: Energy Star)	ETL			ETL ES			UL			ETL ES	UL ES T24				UL ES	ETL ES		UL ES T24	ETL ES	ETL	UL ES		ETL ES	ETL		ETL ES	UL ES	ETL ES	ETL	UL ES	UL ES T24	ETL		UL ES				UL			UL ES
FT cable rating (USA / Canada)	N/A	CM / FT1					CMR / FT4			CM / FT1	CMR / FT4					CM / FT1		CMP / FT6	CM / FT1	CMP / FT6	CMR / FT4		CM / FT1		N/A		CMP / FT6	CM / FT1	CMP / FT6	CMR / FT4		CM / FT1		CMP / FT6			CMR / FT4				CMP / FT6
Fixture IP grade	Damp Location				WetWet Location IP54					Damp	Wet Location IP54					Damp Location		Wet	Damp Location		Wet		Damp		Wet Location IP54		Wet	Damp		Wet Location IP54			Damp		Wet Location IP54					Wet Location IP65		Wet IP54
Dimensions Inside Diameter	1 15/16"	2"	2 1/16"	1 7/8"		2 1/2"	2 7/8"	3 1/4"	4 1/2"	3 1/8"	4"	4 7/16"	4 3/4"	4"	3 1/8"	4"			4 1/8"		4" | 4 3/16"	4 1/8"	N/A			6"		6 1/8"			6" | 6 3/16"	6 1/8"	6 1/4"	6 1/8"	7 1/2"	7 7/8"	7 1/2"	7 1/4"	7 3/4"	10"	9"
Outside Diameter	2 1/4"	2 3/8"	3 1/8"	3 1/8"		3 1/2"	3 1/2"	4 1/4"	5 3/4"	3 3/4"	4 7/8"	4 7/16"	6 1/4"	5 15/16"	4 1/2"	4 3/4"	5"		4 7/8"	5 1/4"	4 3/4"	4 7/8"	5 1/4"	7"	6 7/8"		7 1/2"	7" | 6 7/8"	6 3/4"	8 1/4"	6 3/4"	9"	10 1/4"	9"	9"	9 1/2"	12"	11 1/2"
Cut out Minimum Hole Diameter	2"	2"	2 1/2"	2 3/4"		2 5/8"	3"	3 1/2"	4 1/2"	3 1/4"	4 1/8"	4 1/2"	5"	4"	3 1/2"	4 1/4"	4"	4 1/8"	4 1/4"		4 1/8" | 4 1/4"	4 1/4"	6"	6 1/8"		6 1/4"	6 1/4"	6 1/4"	6 1/4"	7 1/2"	7 7/8"	7 1/2"		8"	8"	10"	9"
Maximum Hole Diameter	2"	2 1/8"	2 3/4"	2 3/4"		2 5/8"	3"	3 3/4"	5"	3 3/8"	4 1/4"	4 1/2"	5 1/2"	5 1/4"	3 3/4"	4 1/2"	4 1/4"		4 1/4"		4 1/4"	4 1/4"		6"	6 1/4"		6 1/2"	6 1/4"	6 1/4"	7 1/2"	6 1/4"	8"	9 1/2"	8"	8 1/2"	11"	10 1/2"
Flanged Plate with Hanger Bars	FRP212						FRP3	FRP312	FRP412		FRP4	FRP412	FRP5	LBL-MP-C4-10-TBAR	FRP312	FRP4					FRP412	FRP4					FRP6				LBL-MP-C4-10-TBAR	FRP6	LBL-MP-C4-10-TBAR								
Flat Rough-in Plate 26" Long	RIP2		RIP212			RIP212	RIP3	RIP312	RIP5		RIP4		RIP5	LBL-MP-C4-8-STUD	MP334	RIP4			RIP412	RIP4	R-RIP412 SQ-RIP4	RIP412	RIP4							R-RIP612 / SQ-RIP6	RIP6	LBL-MP-C4-8-STUD	RIP6	RIP8	LBL-MP-C4-8-STUD	RIP8				
Flanged Rough-in Plate 13" Long						MP-SQ-24				MP338	MP4					MP4			MP4				MP-SQ-24																			
Flat Rough-in Plate 13" Long			MP234								MP4-2					MP4-2											MP6-2							MP6-2								
Goof Ring Model #			GR3								GR4			LBL-4CRG-W		GR4											GR6					LBL-6CRG-W	GR6	GR8 GR810	LBL-8CRG-W	GR8	GR810	GR810	GR10-14 GR10-16 GS10-14 GS10-16	LBL-10CRG-W
Fixture Depth	2 7/8"	3 3/8"	2 3/4"	2 3/8"	4 3/8"	5"	1 1/4"	2 1/2"	3 1/2"	1/2"	3 1/2"		3 3/4"	4 1/4"	1 7/8"	3"	2"		1/2"			1 5/8"		2 1/4"	1/2"				2"		5 1/8"	3 1/2"	4 1/2"	5 7/8"	1/2"				6 3/8"
Ceiling space for Fixture with 1/2" drywall	2 1/2"	3"	2 1/4"	2"	4"	4 1/2"	1"	1 1/2"	3"	NONE	3"		3 3/4"	3 3/4"	1 1/2"	2 1/2"	1 1/2"		NONE			1 1/8"		2 1/2"	NONE				1/2"		4 5/8"	3"	4"	5 3/8"	NONE	1 3/4"	2 1/4"			5 7/8"
Ceiling space for Driver to fit through hole		5"		4 1/2"		5"	2 1/2"						2 1/2"		3 1/2"				2 1/2"								1 1/2"							1 1/2"						
Jumper Cables		JC-10	JC-5CCT-10	JC-5CCT-10 | JC-10 (DTW)						JC-5CCT-10	MEC10					JC-10	JC-5CCT-10	MEC10	JC-10 JC-5CCT-10	FR-JC-5CCT-10	EXC10	EXC6 & EXC20	JC-5CCT-10				MEC10	JC-10 JC-5CCT-10	FR-JC-5CCT-10	EXC10	EXC6 & EXC20	JC-5CCT-10		MEC10		EXC10	EXC6 & EXC20	BXC6			