



Lotus LED Lights™ Condensed Specification Sheet - Featured Models

v4

		Gimbal Models - Eyeball & Regressed										Round Recessed						Square Recessed				Open Plenum Rated Regressed				J-Box	Residential 8"			Commercial																								
Size		2" Round		2" Square		3" Round		3" Square		3" Round 3" Square		4" Round		5"-6"		4" Round			6" Round			4" Square		6" Square		4" Round		4" Square		6" Round		6" Square		4" Round	8" Round			8" Round	10" Round															
Cat #		LL2G	LRG2	LSG2	LL3G	LRG3	LSG3	LRG3-15D	LSG3-15D	LL4G	LRG4	LRG6	LL4R	LY4RCS	LB4R	LL6R	LY6RCS	LB6R	LL4S	LY4S	LL6S	LY6S	LL4RR	LL4SR	LL6RR	LL6SR	LL4RBX	LB8R	LY82RCD	LL8R	LL10R																							
Default Driver 120V Input		LD0650S				LD0716S						LD1025L		LD1535L		LD1535SB		LD2050S		LD1535L		LD1535SB		LD1535L		LD2050S		LD1535L		LD1535LR		LD2050SR		LD1535B		LD2050SB		LD3580S		LD40W	LD50W													
Optional Input (V)		24V DC *		N/A		277 - 347V AC										24V DC * &						277 - 347V AC						N/A	277 - 347V AC																									
Dimmability		Triac 5% - 100%, 120V input driver only																																																				
277V-347V Driver		N/A				LD0716H						LD1025H		LD1535H		LD1535HB		LD2050H		LD1535H		LD1535HB		LD1535H		LD2050H		LD1535H		LD1535HR		LD2050HR		N/A	LD2050HB		LD3580H		LD40WH	LD50WH														
Driver Type		External Class 2, Inside Connection Box. One driver per fixture required and included. Do not use any other drivers or connect multiple fixtures to one driver (except for the 24V Input Option of LL2G24V & LL4R24V)																								Built-In				External Class 2, Inside Connection Box																								
Energy Used (W)		5		7.5						11.4		15		13.5		9		11		17		12		14		13.5		11		17		14		14.5		17		18		11	18		33		40	50								
Light Color Quality CRI		> 90										80						> 90						80																														
Beam Angle		24°		38°				15°		38°				110°										100°				110°			45°		60°																					
Light Output (Lumens)	Warm 2700K	380		580						960		1200		750		N/A		950		N/A		800		N/A		1000		N/A		950		850		1150		1100		620		N/A														
	Soft 3000K	400		600						1000		1250		760		550		700		980		700		900		850		700		1050		900		1000		900		1200		1200		630		1200		2200		4500	6300					
	Neutral 4000K	430		630						1050		1300		800		600		730		1000		800		930		950		800		1100		950		1020		950		1300		1250		650		1260		2400		4700	6700					
	Daylight 5000K			N/A										850		N/A		1050																																				
Dim to Warm from - to K		N/A										28-20 35-20						N/A						28-20 35-20						N/A																								
Halogen/MH Equivalent W		35		60						100		120		75		50		70		100		75		100		90		75		100		90		100		60		120		200		75 MH	100 MH											
Available trims **		WH BK BN	WH BK	WH BK BN	WH BK				WH BK BN	WH BK	WH BK BN	WH BK BN	WH BK	WH BK BN	WH BK BN	WH BK	WH BK BN	WH BK BN	WH	WH BK	WH BK BN	WH BK						WH BK BN	WH BK																									
Rated Life (LM70 Hours)		50,000										36,000						50,000						36,000						50,000																								
Warranty (Years)		10 Year Residential, 5 Year Commercial										5 Year						10 Residential, 5 Com						5 Year						10 Year Residential, 5 Year Commercial						5 Year																		
Certifications		cULus, Energy Star, T24										cULus, ES ULus, Energy Star, T2						cULus, Energy Star						UL, ES, T2 cULus, ES UL, ES, T						cULus, Energy Star, T24						cULus, Energy Star																		
Type IC Rated		YES																																																				
Cable fire rating		FT4 / CM																FT6 / CM												N/A		FT4 / CM																						
Fixture IP grade		Wet Location IP54																																																				
Ambient Temperature		-40° F to +104° F (-40° C to +40° C)																																																				
Dimensions	ID	2"		2 1/2"				3 1/4"				4"		4 3/4"		5 1/4"		4 1/8"		4"		6 1/8"		6 1/4"		6 1/8"		4 1/8"		6 1/8"		6 1/4"		4"		6"		4 1/4"		7 1/2"		7 1/4"		7 3/4"		10"								
	OD	2 1/2"		3"		3" square		3 1/4"		4 1/4"		4 1/4" sq		4 1/4"		4 1/4" sq		5"		5 3/4"		7 1/2"		5 1/4"		4 3/4"		4 7/8"		7 1/2"		6 3/4"		4 3/4" square		7 1/2"		6 3/4" sq		5"		5" square		7"		7" square		5 1/2"		9"		9 1/2"		12"
Cut out	min	2"		2 1/2"		2 3/4"		3 1/4"				4"		4 3/4"		5 1/4"		4 1/4"		4 1/8"		4"		6 1/4"				4 1/8"		6 1/4"				4"		6"		4"		7 1/2"		8"		10"										
	max	2 1/8"		2 3/4"		3"		3 1/2"				4 1/4"		5"		6"		4 1/2"		4 1/4"		6 1/2"				4 1/4"		6 1/2"				4 1/4"		6 1/4"		4 1/2"		8"		8 1/2"		11"												
Rough-in	Flat	RIP2		RIP212		RIP3		N/A				RIP4		N/A		RIP6		RIP412		RIP4		RIP6				RIP4		RIP6				RIP4		RIP6		N/A		RIP8		N/A														
	Flanged	N/A		LRP3		LRP312				LRP4		FRP5		LRP6		LRP412		LRP4		LRP6				LRP4		LRP6				LRP4		LRP6		N/A		N/A		N/A																
Air-Tight Ring		N/A		ATR3		ATR312				ATR4		ATR5		ATR6		ATR412		ATR4		ATR6				ATR412		ATR4		ATR6				ATR4		ATR6		N/A		N/A																
Goof Ring *** cat#:	OD	N/A		GR3 4 1/2"		N/A				GR4 5 3/4"		N/A				GR4 5 3/4"		N/A		GR6 7 5/8"				N/A						GR4 5 3/4"		N/A		GR6 7 5/8"		N/A		GR8 9 1/2"		N/A														
Fixture Thickness		1 1/2"		1 3/4"		2 1/2"				2 1/4"		3"		3 1/2"		1/2"						1 3/8"		1/2"		1 1/2"		2"		2 1/4"		1"		1/2"		1 3/4"		2 1/4"																
Ceiling space for Fixture		1"		1 1/4"		1 1/2"		3 3/4"				1 3/4"		2 1/2"		3"		NONE *****						7/8"		NONE *****		1"		1 1/2"		1 3/4"		1 1/2"		NONE *****		1 1/4"		1 3/4"														
Ceiling space for Driver		5"		3 1/2"						2 1/2"		3"		1 1/2"										N/A		1 1/2"		1 3/4"																										
Jumper Cables		EXC6 EXC20										EXC10		EXC6 EXC20		EXC10		EXC6 EXC20						N/A						EXC10		EXC6 & 20		N/A																				

* 24V input option - White trim only

** Trim Colours: WH - White; BK - Black; BN - Brushed Nickel; BC - Brushed Copper

*** Goof Rings Round - 3" and 4" available in White and Black, 6" and 8" in White

**** Could be installed directly under joists

The management system governing the manufacture of these products is ISO 9001:2000 and ISO 14001:2004 certified

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