

- A - Mounting Chassis
- B - Aluminum Canopy
- C - Black Plastic Grommet
- D - Suspension (poles or cables)
- E - Grille (option kit)
- F - Aluminum Shell
- G - Lens (direct/indirect only)
- H - T5 Lamp
- I - Tension Rods and Spacers
- J - Pole or Cable Attachment Point
- K - Reflector
- L - Junction Box (by others)

* Pole versions available.

APPLICATIONS

A direct/indirect or indirect sculptural luminaire for applications that require an architectural element and lighting performance such as:

COMMERCIAL: Boardroom, video conferencing room, executive office and dining room, reception areas, bar area, cash register areas, art space.

RESIDENTIAL: Kitchen island (not for use over cook top or grill); kitchen table; dining room; home office; wet bar.

SPECIFICATIONS

JUNCTION BOX: 4 in. octagonal or round supplied by others. Requires fixture brace for suspended ceilings.

WEIGHT: Cable Version – 12 lbs (5.5 kg).

DECIBEL RATING: Quiet in a 25 dB room.

THD: <15%

POWER FACTOR: >0.95

PRINCIPAL FEATURES

CANOPY and FIXTURE SHELL: Constructed using stamped aluminum.

LENS (direct/indirect only): Translucent acrylic.

CONTROLS: LUTRON® 1% 3-wire dimming T5HO, and T5HE 120 – 277 V~, 347 V~. Non-dimming, T5HO and T5HE 120 – 277 V~, 347 V~ ballasts.

SUSPENSION: Streamlined cable system that integrates an insulated current-carrying wire with exterior braided stainless steel sheath. UL approved. Adjustable for up to a 12 ft/366 cm or 16 ft/488 cm high ceiling. Longer lengths available upon request. Pole versions also available.

INNER REFLECTOR: Mirrored aluminum.

LAMP: One or Two 54 W T5 High Output (HO) or 28 W T5 high efficiency (HE) fluorescent lamp (not included).

SOCKETS: Twist-lock installation.

MOUNTING: Chassis mounting system for easy installation.

GRILLE OPTION KIT: Includes clear or frosted polycarbonate disks coated with a silicone hardcoat and tension rods with spacers. Order this kit separately from the main unit.

COMPATIBLE CONTROLS

For a list of compatible controls and technical documents, visit www.lutron.com/lvalo

ORDERING GUIDES

Included in standard fixture: Canopy, mounting chassis, lamp base shell, poles or cables, lens, dust cover and ballast.

BASE UNIT CONFIGURATION GUIDE

Select appropriate code in each column to complete model number.

Example:

A P _ 48 _ _ _ _ _ _ _ _

FAMILY	TYPE	LIGHT ORIENTATION	LENGTH	# of LAMPS	LAMP TYPES	VOLTAGE	SUSPENSION	CONTROL OPTION	REGION	CHASSIS FINISH		SHELL FINISH	
										GT •	MT •	GT •	MT •
A Aliante	P Pendant	D Direct/ Indirect	48 48" Long	1 One Lamp	2F 28 W T5HE High Efficiency Lamp	2 120 V~	2 Cables up to 12' Ceiling	N Non-dimming	U UL-North America	GT • Gloss Titanium	MT • Matte Titanium	GT • Gloss Titanium	MT • Matte Titanium
		N Indirect			5F 54 W T5HO High Output Lamp					3 347 V~ (Canada only)	6 Cables up to 16' Ceiling	3 1% Dimming 3-wire	I Inter-national
					4 220/240 V~	P Poles up to 12' ceiling	E 1% Dimming EcoSystem®		GG • Gloss Graphite	MG • Matte Graphite	GG • Gloss Graphite	MG • Matte Graphite	
					7 277 V~				GF Gloss Flame	MF Matte Flame	GF Gloss Flame	MF Matte Flame	
									GC Gloss Copper	MC Matte Copper	GC Gloss Copper	MC Matte Copper	
									GP Gloss Pearl White	MP Matte Pearl White	GP Gloss Pearl White	MP Matte Pearl White	
									GL Gloss Lapis	ML Matte Lapis	GL Gloss Lapis	ML Matte Lapis	
						GE Gloss Ebony	ME Matte Ebony	GE Gloss Ebony	ME Matte Ebony				
						GA Gloss Arctic White	MA Matte Arctic White	GA Gloss Arctic White	MA Matte Arctic White				
						AB Anodized Black	AN Anodized Clear	AB Anodized Black	AN Anodized Clear				
						PS Silver	PM Metallic Silver	PS Silver	PM Metallic Silver				
						PB Bronze		PB Bronze					

- Custom suspension lengths, control options and colors are available. Please contact Ivalo customer service at fixtures@lutron.com for more information about custom options.
 - Matte paint finishes are recommended for pendant canopies to minimize lamp glare.

GRILLE OPTION KIT

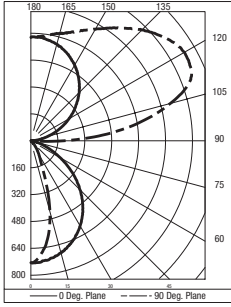
Order separately from the base unit.

Example:

A P G 48 _

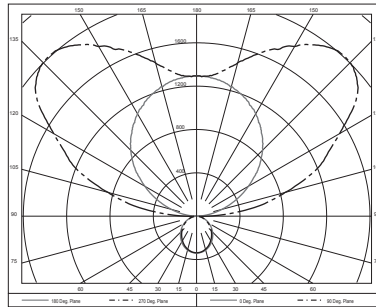
FA	TYP	ORNT	LEN	FIN
A Aliante	P Pendant	G Grille	48 48" Long	CLR Clear
				FRO Frosted

KEY:
 • = Standard color options (others are special order)



One Lamp

INDIRECT/DIRECT
CANDELA PLOT
NO GRILLE



Two Lamp

INDIRECT/DIRECT
CANDELA PLOT
NO GRILLE

CANDELA DISTRIBUTION		FLUX				
	0	22.5	45.0	67.5	90.0	
0	725	725	725	725	725	
5	723	712	700	683	678	65
15	691	636	552	466	434	154
25	627	507	300	167	140	157
35	536	332	118	74	61	128
45	413	153	54	23	17	87
55	271	63	17	8	8	52
65	137	27	9	8	7	28
75	43	9	7	1	0	11
85	10	3	0	1	3	22
90	1	53	126	178	196	31.4
95	25	219	349	425	452	329
105	109	370	659	807	857	608
115	210	424	744	964	1046	682
125	311	461	730	946	1026	629
135	406	504	697	868	932	530
145	486	549	667	775	820	415
155	550	586	644	700	722	297
165	596	609	636	654	662	179
175	618	617	622	623	623	59
180	616	616	616	616	616	124.1
180	1295	1295	1295	1295	1295	

CANDELA DISTRIBUTION		FLUX				
	0	22.5	45	67.5	90	
0	22.5	45	67.5	90	112.5	
0	339	339	339	339	339	31.9
5	338	337	338	335	336	31.9
15	323	321	321	317	316	90.0
25	294	291	289	283	282	132.5
35	254	251	247	241	239	154.0
45	208	205	200	194	191	154.0
55	158	156	151	146	144	134.7
65	106	104	102	99	98	100.8
75	55	56	56	56	56	59.0
85	15	18	21	24	25	31.4
90	6	34	73	99	109	283.5
95	67	209	289	327	338	283.5
105	241	618	769	829	844	728.3
115	447	932	1223	1281	1324	1068.8
125	663	1073	1558	1749	1773	1241.3
135	862	1161	1632	1927	2007	1184.8
145	1024	1208	1567	1836	1927	954.9
155	1148	1235	1464	1640	1703	668.0
165	1239	1261	1347	1432	1465	383.8
175	1288	1285	1298	1299	1298	124.1
180	1295	1295	1295	1295	1295	

LUMINANCE IN CANDELA PER SQUARE METER			
ANGLE in DEG	AVG 0-DEG	AVG 45-DEG	AVG 90-DEG
0	14662.	14662.	14662.
45	11812.	1544.	486.
55	9555.	599.	282.
65	6556.	431.	335.
75	3360.	547.	0.
85	2320.	0.	615.

LUMINANCE IN CANDELA PER SQUARE METER			
ANGLE in DEG	AVG 0-DEG	AVG 45-DEG	AVG 90-DEG
0	8553	8553	8553
45	7219	6616	6287
55	6650	5945	5651
65	5926	5173	4951
75	4823	4207	4155
85	3212	3170	3727

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE .20

RC	80			70			50			30				
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10
0	100	100	100	100	88	88	88	88	65	65	65	44	44	44
1	91	87	84	80	80	77	74	71	57	55	54	39	38	37
2	84	77	71	67	73	68	63	59	51	48	45	35	34	32
3	77	68	61	56	67	60	55	50	45	42	39	32	30	28
4	70	61	53	48	62	54	48	43	41	37	34	29	26	24
5	65	54	47	41	57	48	42	37	37	32	29	26	23	21
6	60	49	41	36	52	43	37	33	33	29	26	24	21	19
7	55	44	37	32	48	39	33	29	30	26	23	22	19	17
8	51	40	33	28	45	36	29	25	27	23	20	20	17	15
9	47	36	29	25	42	32	26	22	25	21	18	18	15	14
10	44	33	26	22	39	30	24	20	23	19	16	17	14	12

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE .20

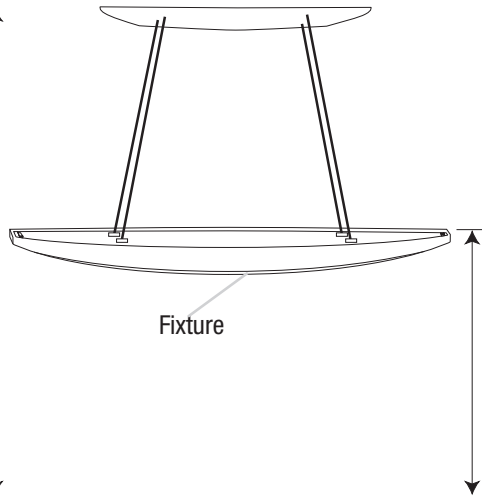
RC	80			70			50			30				
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	14
0	202	202	202	202	184	147	184	150	150	150	120	120	120	
1	175	162	151	141	157	147	137	128	117	110	103	90	85	80
2	155	136	121	108	139	123	109	98	97	87	78	74	66	59
3	139	117	99	85	125	105	90	77	83	71	61	62	54	46
4	126	101	83	69	113	91	75	63	72	59	50	54	44	37
5	115	89	71	58	102	80	64	52	63	50	41	47	38	30
6	105	79	61	48	94	71	55	44	56	43	34	42	32	25
7	96	70	53	41	86	63	48	37	50	38	29	37	28	21
8	89	63	47	36	80	57	42	32	45	33	25	34	25	18
9	83	57	41	31	74	51	37	28	41	30	22	31	22	16
10	77	52	37	27	69	47	33	24	37	26	19	28	20	14

PHOTOMETRIC DATA

	Total Luminaire Efficiency	% Uplight	% Downlight
No Grille	>95%	85%	15%
Clear Disk Grille	87%	82%	18%
Frosted Disk Grille	78%	77%	23%
Spacing Criterion Lateral Plane	0° 1.2	90° 0.6	
Total Lamp Lumens	5000		
Input watts	68.5 W at 120 V~		

PHOTOMETRIC DATA

	Total Luminaire Efficiency	% Uplight	% Downlight
No Grille	85%	88%	12%
Spacing Criterion Lateral Plane	0° 1.2	90° 1.15	
Total Lamp Lumens	10,000		
Input watts	120 W at 120 V~		

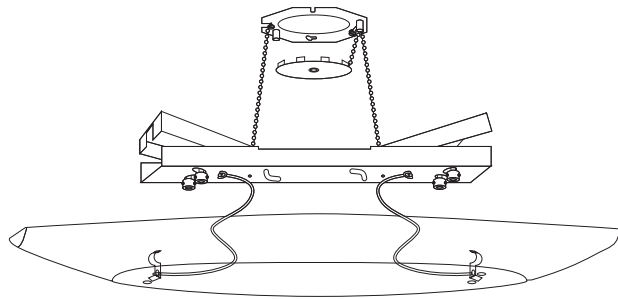


Top edge of fixture should be 6'8" or higher to avoid seeing the lamp from a standing position.

Fixture Height 6'8" - 7'2" (206 cm - 218 cm)

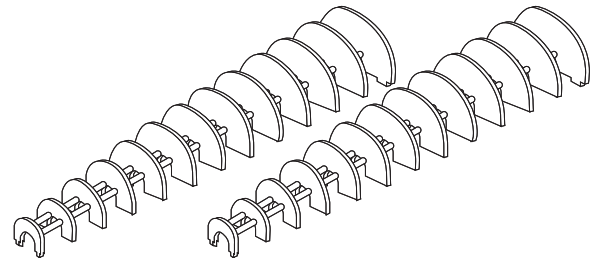
This is a suggested height and for aesthetic appearances the lamp can be hung higher or lower.

Ceiling height of
8' - 12'
(244 cm - 366 cm)



PROPRIETARY MOUNTING SYSTEM

- Easy mounting to the junction box; **be sure to cut the hole in the suspended ceiling tile or drywall tightly around the junction box.**
- Wiring is done after mounting.
- Allows a large canopy structure to meet wiring codes.



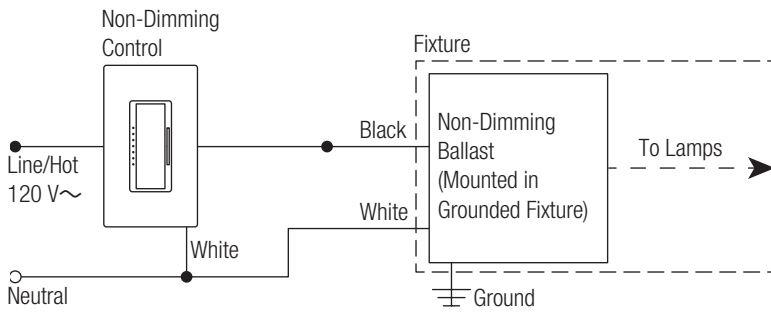
GRILLES WITH POLYCARBONATE DISKS

- Clear or frosted polycarbonate disks coated with a silicone hard coat.
- Order this kit separately from the main unit.
- Only available for one lamp fixtures.

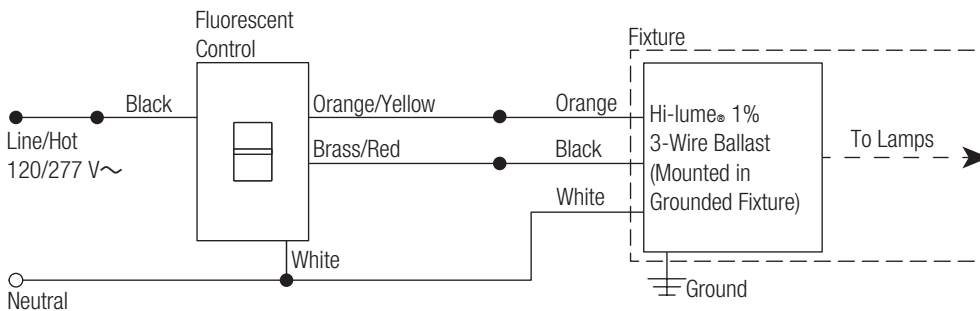
Ceiling Height	Suspension Code	Adjustable Cable Length
Up to 12' (366 cm)	2	1'4" - 5' (41 cm - 152 cm)
12' - 16' (366 cm - 488 cm)	6	1'4" - 9' (41 cm - 274 cm)
Above 16' (488 cm)	Call factory	Call factory

CIRCUIT DIAGRAMS

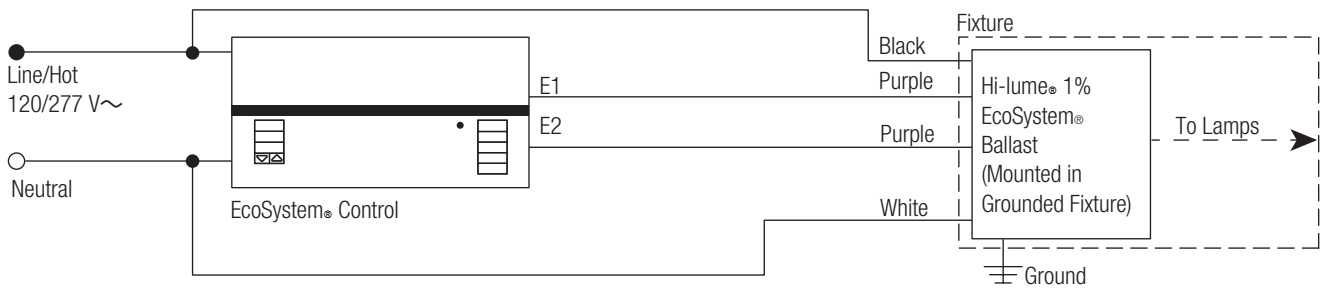
NON-DIMMING (120–277 V~)



3-WIRE CONTROL (120–277 V~)



EcoSystem® DIGITAL CONTROL (120–277 V~)



- For best lighting performance, the low-end level may need to be trimmed.
 - For Maestro® controls – please see Lutron® Application Note #370 (P/N 048370) for more details
 - For all other controls – please see the product instruction sheet or visit www.lutron.com
- Contact Fixtures Customer Service at fixtures@lutron.com for custom mounting options.
- For a list of compatible controls and control ratings, visit www.lutron.com/lvalo or contact the LED Control Center of Excellence at 1.877.DIM.LED8



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For warranty details, see
www.lutron.com/TechnicalDocumentLibrary/3683454.pdf

Specification subject to change without notice

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