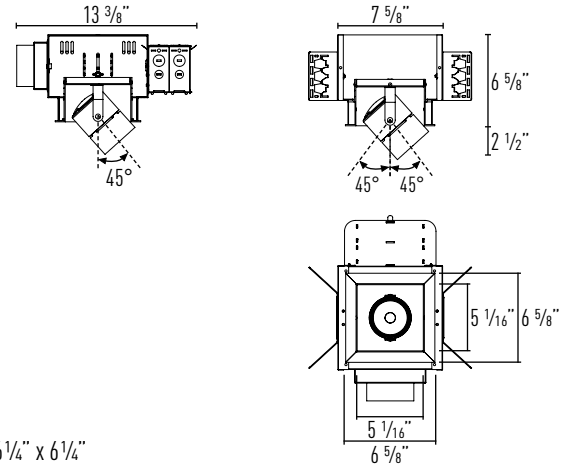


orbis ICL-SR-OB1-1

ORBIS LED Semi Recessed Multiple (1) Head



JOB NAME		CATALOG NUMBER	
NOTES		TYPE	



Cut-out: 6 1/4" x 6 1/4"

Order Matrix | Example: ICL-SR-OB1L130-1-WW-37-I200

A	B	C	D	E	F	G	H
A Wattage		E Voltage					
ICL-SR-OB1L1	14 Watts	blank		120V			
ICL-SR-OB1L2	19 Watts	27		277V			
ICL-SR-OB1L3	22 Watts	F Finishes ²					
B CCT / CRI		-BW Black Interior / White Trim					
27	2700K / 82 CRI	-WW White Interior / White Trim					
279	2700K / 92 CRI	G Beam Spread					
30	3000K / 82 CRI	-16 16° Spot					
309	3000K / 92 CRI	-24 24° Narrow Flood					
35	3500K / 82 CRI	-37 37° Flood					
41	4100K / 82 CRI	-60 60° Wide Flood					
C Head		H Options					
-1	(1) LED Head	-I100 C-Channel Bar (pair)					
D Dimming		-I200 Flat Bar (pair)					
blank	Non-Dimming	-I400 Wood Joist Bar (pair)					
-D10	0-10V Dimming 10%	-EM Remote Emergency Unit ³					
-ED10V1	elDoLED 0-10V 1%	Notes:					
-ED10V01	elDoLED 0-10V 0.1%	1. ELV Dimming available in 120V only.					
-DELV	ELV Dimming ¹	2. Consult factory for special order finishes.					
-LUT1	Lutron 3-Wire Hi-Lume 1%	3. Access above ceiling required.					
-LUT	Lutron EcoSystem 1%						
-EDALI1	elDoLED DALI 1%						
-EDALI01	elDoLED DALI 0.1%						

Catalog Number	System Wattage *	Delivered Lumens **	Total Delivered Lumens **	Lumens Per Watt
ICL-SR-OB1L130-1	14W	868lm	868lm @ 3000K	61 LPW
ICL-SR-OB1L230-1	19W	1226lm	1226lm @ 3000K	65 LPW
ICL-SR-OB1L330-1	22W	1361lm	1361lm @ 3000K	62 LPW

* System wattage include driver and LED module consumption.

** Delivered lumen output will vary depending on CCT, CRI and optic selection.

LED LIGHT ENGINE

- 2700K, 3000K, 3500K and 4100K 82 CRI
- 2700K and 3000K 92 CRI (R9 Value = 59)
- 3 Step MacAdam (3 SDCM)
- LED mounted to die-cast / extruded aluminum heat sink w/ active cooling
- 50,000 hours average rated life at 70% output

OPTICS

- 16° Spot, 24° Narrow Flood, 37° Flood and 60° Wide Flood

ACTIVE COOLING

- Active thermal management with quiet and reliable operation noise rating below 22dBA
- 100K hour lifetime

HOUSING

The housing is constructed of 22GA steel powder coated black. Must be kept 3" away from insulation. The internal wire bundles are locked and covered with a glass sleeve. The housing is supplied with a plate to allow the junction box to be accessible from below the ceiling.

MOUNTING

The luminaire can accommodate up to 1 1/2" ceiling thickness. The fixture is supplied with channel brackets that allow up-to 5" vertical adjustment. Universal mounting brackets included. Compatible with C-channel, flat bar, wood joist bar and EMT. Bar hangers must be ordered separately. C-channel are recommended for T-bar ceilings. Wood joist bar hangers are not for use in T-bar ceilings.

FLANGED TRIM

Extruded trim frame includes torsion springs for convenient installation or removal from the housing.

EMERGENCY

Emergency driver operates LED load of up to 7.0 watts at a nominal 450 lumens for a minimum of 90 minutes. See submittal sheet IB-BSL17C-C2 for specifications.

LISTING/WARRANTY

- ETL listed to US and Canadian standards for damp locations.
- 10-Year Intense LED Limited Warranty

Accessories:

Luminaire will accommodate a maximum of (2) accessories per lamp. Accessory holder required.

Accessory Holder

LH4	Accessory Holder, Black
LH4W	Accessory Holder, White

Filter Media:

PFL1-63	Prismatic Spread Lens
PFL2-63	Linear Spread Lens
PFL4-63	Soft Focus Lens

Louver & Snoot

PFLMB-63	Black Louver
SNTR-63	Snoot, Black
SNTRW-63	Snoot, White

Color Lenses:

PL5-63	Amber Lens
PL6-63	Red Lens
PL9-63	Blue Lens

MULTIPLES LJM-04736 P-45

Intense Lighting

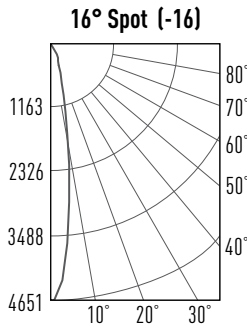
3340 E La Palma Ave, Anaheim, CA 92806 | tel 714 630-9877 | fax 714 630-9883

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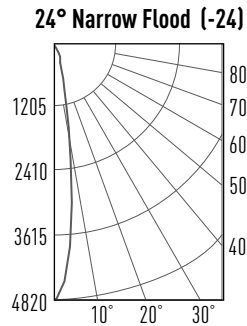
JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

ICL-SR-OB1L130-1

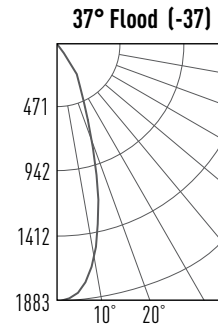
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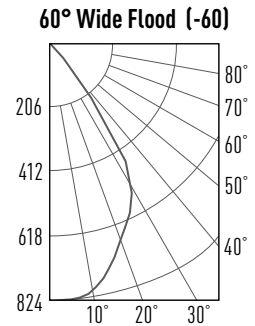
Watts: 14.24
 Lumens: 850.21
 LPW: 59.7
 CCT: 3160
 CRI: 82



Watts: 14.2
 Lumens: 868.11
 LPW: 61.1
 CCT: 3128
 CRI: 83



Watts: 14.23
 Lumens: 850.91
 LPW: 59.8
 CCT: 3160
 CRI: 83



Watts: 14.24
 Lumens: 817.57
 LPW: 57.4
 CCT: 3152
 CRI: 83

Photometric Data shown is compiled per head. For multi-light photometrics consult factory.



Lighting Facts
 Reg. #: L5DN-WQ4ROM



Lighting Facts
 Reg. #: L5DN-16VUC4



Lighting Facts
 Reg. #: L5DN-8XTYUA



Lighting Facts
 Reg. #: L5DN-LAP3T7

Candelas at Nadir	
Degree	Candela
0°	4651
5°	3622
15°	971
25°	362
35°	164
45°	2

Candelas at Nadir	
Degree	Candela
0°	4820
5°	3841
15°	926
25°	360
35°	179
45°	7

Candelas at Nadir	
Degree	Candela
0°	1883
5°	1830
15°	1185
25°	494
35°	194
45°	3

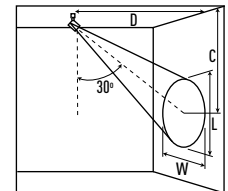
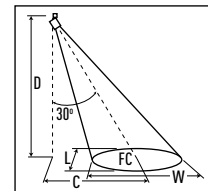
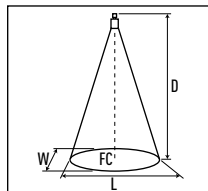
Candelas at Nadir	
Degree	Candela
0°	824
5°	823
15°	746
25°	608
35°	349
45°	38

APPLICATION DATA:

W and **L** are the outer points where the candle power drops to 50% of maximum. **FC** are the initial foot candles at the center of the beam.

- W** Beam width
- L** Beam length
- C** Distance to center of beam
- D** Distance
- FC** Foot candles

Illuminated width & length are based upon point at which illuminance falls to 50% of center illuminance. Recommended spacing is based upon uniform illuminance aiming angle is the angle between the lamp axis and the perpendicular to the illuminated plane.

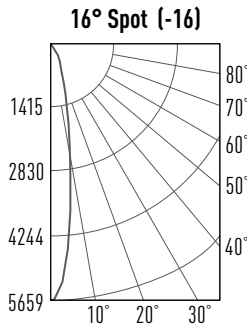


	0° HORIZONTAL				30° HORIZONTAL				30° VERTICAL					
	D	FC	W	L	D	C	FC	W	L	D	C	FC	W	L
ICL-SR-OB1L130-1-16 16° Spot	5.0'	186	1.48	1.48	5.0'	2.75	124	1.91	1.71	3.0'	4.5	77	1.67	3.09
	7.5'	82.7	2.25	2.25	7.5'	4	54.6	2.95	2.57	4.0'	6	43.3	2.22	4.12
	10'	46.5	2.98	2.98	10'	5.5	31	3.88	3.39	5.0'	7.5	27.7	2.77	5.14
	12.5'	29.8	3.74	3.74	12.5'	6.75	19.7	4.89	4.26	6.0'	9	19.2	3.33	6.19
ICL-SR-OB1L130-1-24 24° Narrow Flood	5.0'	193	1.47	1.47	5.0'	2.75	129	1.91	1.69	3.0'	4.5	80.8	1.62	2.98
	7.5'	85.7	2.22	2.22	7.5'	4	56.8	2.9	2.52	4.0'	6	45.4	2.16	3.97
	10'	48.2	2.95	2.95	10'	5.5	32.1	3.83	3.35	5.0'	7.25	29.1	2.69	4.96
	12.5'	30.8	3.7	3.7	12.5'	6.75	20.5	4.8	4.2	6.0'	8.75	20.2	3.23	5.96
ICL-SR-OB1L130-1-37 37° Flood	5.0'	75.3	2.94	2.94	5.0'	2.25	54.7	3.47	3.19	3.0'	3.25	47.9	2.59	3.69
	7.5'	33.5	4.4	4.4	7.5'	3.25	24.4	5.2	4.77	4.0'	4.5	26.9	3.45	4.96
	10'	18.8	5.88	5.88	10'	4.25	13.7	6.94	6.36	5.0'	5.5	17.3	4.32	6.14
	12.5'	12.1	7.32	7.32	12.5'	5.5	8.8	8.65	7.93	6.0'	6.75	12	5.17	7.38
ICL-SR-OB1L130-1-60 60° Wide Flood	5.0'	33	5.07	5.07	5.0'	1.5	27	4.83	5.26	3.0'	1.75	38	3.51	2.85
	7.5'	14.6	7.63	7.63	7.5'	2.25	12	7.24	7.91	4.0'	2.5	21.5	4.67	3.8
	10'	8.2	10.19	10.19	10'	3	6.8	9.62	10.47	5.0'	3	13.8	5.82	4.73
	12.5'	5.3	12.63	12.63	12.5'	5	4.3	12.12	13.21	6.0'	3.75	9.6	6.98	5.64

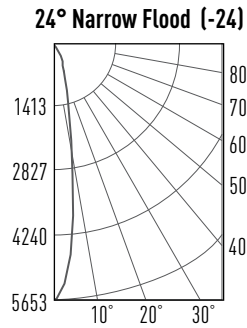
JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

ICL-SR-OB1L230-1

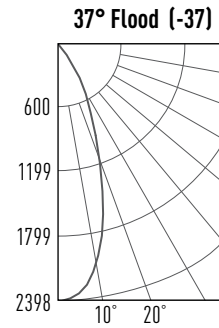
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 L09135608 (-60)



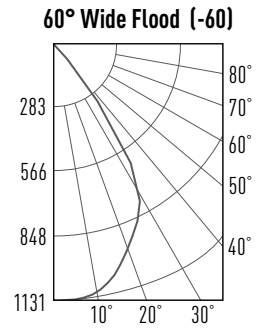
Watts: 18.8
 Lumens: 1206.98
 LPW: 64.2
 CCT: 3144
 CRI: 83



Watts: 18.85
 Lumens: 1225.94
 LPW: 65
 CCT: 3142
 CRI: 83



Watts: 18.82
 Lumens: 1205.86
 LPW: 64.1
 CCT: 3143
 CRI: 83



Watts: 18.8
 Lumens: 1160.14
 LPW: 61.7
 CCT: 3128
 CRI: 83

Photometric Data shown is compiled per head. For multi-light photometrics consult factory.



Lighting Facts
 Reg. #: L5DN-3JQS2F

Candelas at Nadir	
Degree	Candela
0°	5659
5°	4539
15°	1433
25°	581
35°	230
45°	3



Lighting Facts
 Reg. #: L5DN-H3JXT2

Candelas at Nadir	
Degree	Candela
0°	5653
5°	4686
15°	1377
25°	581
35°	254
45°	11



Lighting Facts
 Reg. #: L5DN-VUOGUA

Candelas at Nadir	
Degree	Candela
0°	2398
5°	2337
15°	1646
25°	758
35°	280
45°	4



Lighting Facts
 Reg. #: L5DN-7PW6XY

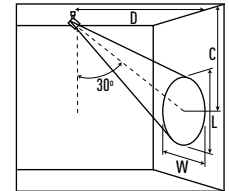
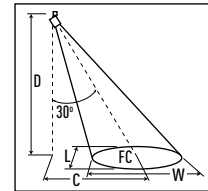
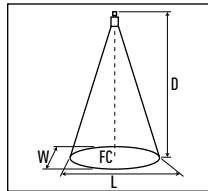
Candelas at Nadir	
Degree	Candela
0°	1131
5°	1130
15°	1053
25°	875
35°	492
45°	54

APPLICATION DATA:

W and **L** are the outer points where the candle power drops to 50% of maximum. **FC** are the initial foot candles at the center of the beam.

- W** Beam width
- L** Beam length
- C** Distance to center of beam
- D** Distance
- FC** Foot candles

Illuminated width & length are based upon point at which illuminance falls to 50% of center illuminance. Recommended spacing is based upon uniform illuminance aiming angle is the angle between the lamp axis and the perpendicular to the illuminated plane.

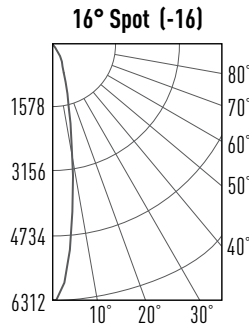


	0° HORIZONTAL				30° HORIZONTAL				30° VERTICAL					
	D	FC	W	L	D	C	FC	W	L	D	C	FC	W	L
ICL-SR-OB1L230-1-16 16° Spot	5.0'	226	1.6	1.6	5.0'	2.75	151	2.09	1.83	3.0'	4.5	94.9	1.8	3.43
	7.5'	101	2.39	2.39	7.5'	4	66.6	3.15	2.75	4.0'	5.75	53.6	2.37	4.54
	10'	56.6	3.19	3.19	10'	5.5	37.7	4.17	3.63	5.0'	7.25	34.3	2.97	5.68
	12.5'	36.2	4	4	12.5'	6.75	24	5.23	4.55	6.0'	8.75	23.8	3.55	6.81
ICL-SR-OB1L230-1-24 24° Narrow Flood	5.0'	226	1.6	1.6	5.0'	2.75	151	2.08	1.83	3.0'	4.25	97.9	1.73	3.27
	7.5'	101	2.38	2.38	7.5'	4	67	3.12	2.72	4.0'	5.75	55.2	2.28	4.33
	10'	56.5	3.19	3.19	10'	5.5	37.7	4.14	3.62	5.0'	7.25	35.2	2.85	5.45
	12.5'	36.2	3.99	3.99	12.5'	6.75	24.1	5.19	4.51	6.0'	8.5	24.5	3.41	6.52
ICL-SR-OB1L230-1-37 37° Flood	5.0'	95.9	3.18	3.18	5.0'	2	70.4	3.71	3.43	3.0'	3.25	64.7	2.73	3.66
	7.5'	42.6	4.76	4.76	7.5'	3.25	31.3	5.54	5.13	4.0'	4.25	36.5	3.63	4.88
	10'	24	6.34	6.34	10'	4.25	17.7	7.36	6.82	5.0'	5.25	23.4	4.53	6.09
	12.5'	15.3	7.94	7.94	12.5'	5.25	11.3	9.23	8.53	6.0'	6.25	16.2	5.45	7.34
ICL-SR-OB1L230-1-60 60° Wide Flood	5.0'	45.2	5.29	5.29	5.0'	1.25	37.9	4.8	5.36	3.0'	1.75	54.6	3.52	2.76
	7.5'	20.1	7.91	7.91	7.5'	2	16.9	7.18	8.06	4.0'	2.5	31	4.66	3.66
	10'	11.3	10.56	10.56	10'	2.75	9.5	9.58	10.73	5.0'	3	20	5.77	4.53
	12.5'	7.2	13.25	13.25	12.5'	3.5	6.1	11.95	13.4	6.0'	3.75	13.8	6.97	5.46

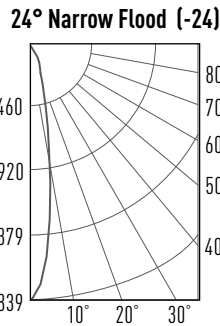
JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

ICL-SR-OB1L330-1

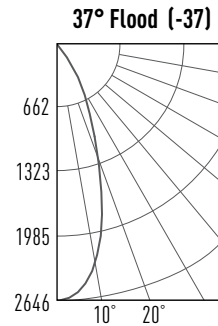
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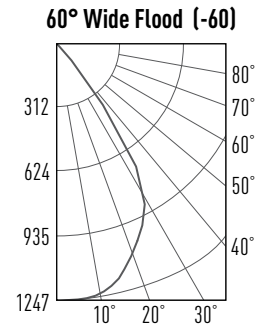
Watts: 21.97
 Lumens: 1354.36
 LPW: 61.6
 CCT: 3160
 CRI: 82



Watts: 21.94
 Lumens: 1360.76
 LPW: 62
 CCT: 3164
 CRI: 82



Watts: 21.87
 Lumens: 1344.46
 LPW: 61.5
 CCT: 3147
 CRI: 82



Watts: 22
 Lumens: 1313.01
 LPW: 59.7
 CCT: 3159
 CRI: 82

Photometric Data shown is compiled per head. For multi-light photometrics consult factory.



Lighting Facts
 Reg. #: L5DN-XSF543

Candelas at Nadir	
Degree	Candela
0°	6312
5°	5092
15°	1605
25°	652
35°	262
45°	3



Lighting Facts
 Reg. #: L5DN-BL6EBK

Candelas at Nadir	
Degree	Candela
0°	5839
5°	4879
15°	1570
25°	643
35°	285
45°	12



Lighting Facts
 Reg. #: L5DN-AVDRMN

Candelas at Nadir	
Degree	Candela
0°	2646
5°	2567
15°	1818
25°	842
35°	312
45°	11



Lighting Facts
 Reg. #: L5DN-LMW02E

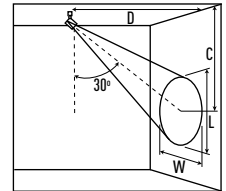
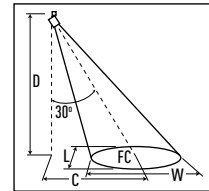
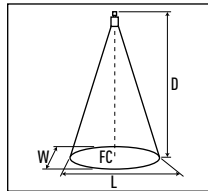
Candelas at Nadir	
Degree	Candela
0°	1247
5°	1247
15°	1178
25°	986
35°	563
45°	66

APPLICATION DATA:

W and **L** are the outer points where the candle power drops to 50% of maximum. **FC** are the initial foot candles at the center of the beam.

- W** Beam width
- L** Beam length
- C** Distance to center of beam
- D** Distance
- FC** Foot candles

Illuminated width & length are based upon point at which illuminance falls to 50% of center illuminance. Recommended spacing is based upon uniform illuminance aiming angle is the angle between the lamp axis and the perpendicular to the illuminated plane.



	0° HORIZONTAL				30° HORIZONTAL				30° VERTICAL					
	D	FC	W	L	D	C	FC	W	L	D	C	FC	W	L
ICL-SR-OB1L330-1-16 16° Spot	5.0'	253	1.61	1.61	5.0'	2.75	168	2.1	1.84	3.0'	4.25	106	1.8	3.43
	7.5'	112	2.41	2.41	7.5'	4	74.5	3.16	2.75	4.0'	5.75	60.1	2.37	4.54
	10'	63.1	3.21	3.21	10'	5.5	42.1	4.19	3.65	5.0'	7.25	38.4	2.96	5.68
	12.5'	40.4	4.02	4.02	12.5'	6.75	26.9	5.24	4.56	6.0'	8.75	26.7	3.55	6.8
ICL-SR-OB1L330-1-24 24° Narrow Flood	5.0'	234	1.7	1.7	5.0'	2.75	156	2.21	1.93	3.0'	4.25	102	1.84	3.4
	7.5'	104	2.52	2.52	7.5'	4	69.2	3.31	2.89	4.0'	5.75	57.4	2.43	4.52
	10'	58.4	3.38	3.38	10'	5.25	38.9	4.41	3.86	5.0'	7.25	36.6	3.06	5.68
	12.5'	37.4	4.23	4.23	12.5'	6.75	24.9	5.51	4.82	6.0'	8.5	25.5	3.67	6.79
ICL-SR-OB1L330-1-37 37° Flood	5.0'	106	3.18	3.18	5.0'	2	77.4	3.72	3.45	3.0'	3	71.4	2.75	3.65
	7.5'	47	4.77	4.77	7.5'	3	34.4	5.57	5.17	4.0'	4.25	40.3	3.65	4.86
	10'	26.5	6.35	6.35	10'	4.25	19.4	7.42	6.86	5.0'	5.25	25.8	4.56	6.08
	12.5'	16.9	7.95	7.95	12.5'	5.25	12.4	9.29	8.59	6.0'	6.25	17.9	5.47	7.31
ICL-SR-OB1L330-1-60 60° Wide Flood	5.0'	49.9	5.36	5.36	5.0'	1.25	42.4	4.79	5.39	3.0'	1.75	61.4	3.52	2.74
	7.5'	22.2	8.03	8.03	7.5'	2	18.9	7.18	8.08	4.0'	2.5	34.9	4.66	3.62
	10'	12.5	10.71	10.71	10'	2.75	10.6	9.6	10.8	5.0'	3	22.5	5.77	4.48
	12.5'	8	13.37	13.37	12.5'	3.25	6.8	11.98	13.48	6.0'	3.75	15.5	6.99	5.42

DIMMING COMPATIBILITY

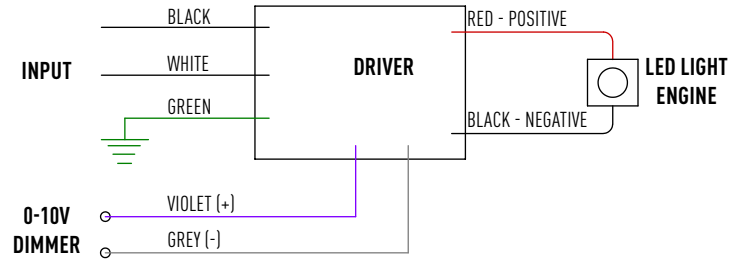
JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

0-10V DIMMING

- 120V/277V
- Dims down to 10% light output
- Consult dimming manufacturer for installation instructions and power packs

COMPATIBLE DIMMERS

Manufacturer	Part Number(s)
HUNT	PS-010-IV-120V, PS-010-WH-120V, PS-010-3W-IV-120, PS-010-3W-WH-120V, PS-010-IV-277V, PS-010-WH-277V, PS-010-3W-IV-277V, PS-010-3W-WH-277V, FD-010: PS-IFC-010-IV, PS-IFC-010-WH-120/277V, FD-010: PS-IFC-010-3W-IV, PS-IFC-010-3W-WH-120/277V, FD-010-120V, FD-010-277V
Leviton	Leviton Centura Fluorescent System, IlumaTech™ IP7 Series, DPSPE-212
Lightolier	ZP600FAM120, MP1500FAM120, V2000FAMU
Lithonia	LEQ BC, LEQ LVBC, SLD LVBC, SQ1DC
Lutron	DVTV, NTFTV
Synergy	ISD BC 120/277

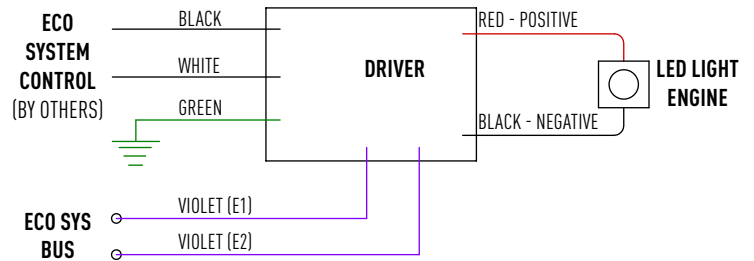


LUTRON ECOSYSTEM® DIMMING

- 120V or 277V
- Dims down to less than 1% light output
- Consult dimming manufacturer for installation instructions

COMPATIBLE DIMMERS

Product	Part Number(s)
EcoSystem	CS-1L-WM, CS-2L-WM, CS-1L-CM, CS-2L-CM, EcoSystem ESN, Grafik Eye QS with EcoSystem, Quantum



LUTRON HI-LUME® DIMMING

- 120V or 277V
- Dims down to less than 1% light output
- Consult dimming manufacturer for installation instructions

COMPATIBLE DIMMERS

Product	Part Number(s)
NovaT	NTF-10, NTF-103P, NTF-103P-277, NTF-10-277
Nova	NF-10, NF-103P, NF-103P-277, NF-10-277
Vareo	VF-10
Skylark	SF-10P, SF-12P-277, SF-12P-277-3, SF-103P
Diva	DVF-103, DVF-103P-277, DVSCF-103P, DVSCF-103P-277
Ariadni	AYF-103P, AYF-103P-277
Vierti	VTF-6AM
Maestro	MAF-6AM, MAF-6AM-277, MSCF-6AM, MCSF-6AM-277
Maestro Wireless	MRF2-F6AN-DV
Spacer System	SPSF-6A, SPSF-6A-277, SPSF-6AM, SPSF-6AM-277
Lyneo	LXF-103PL, LXF-103PL-277
Radio RA 2	RRD-F6AN-DV
HomeWorks QS	HQRD-F6AN-DV

