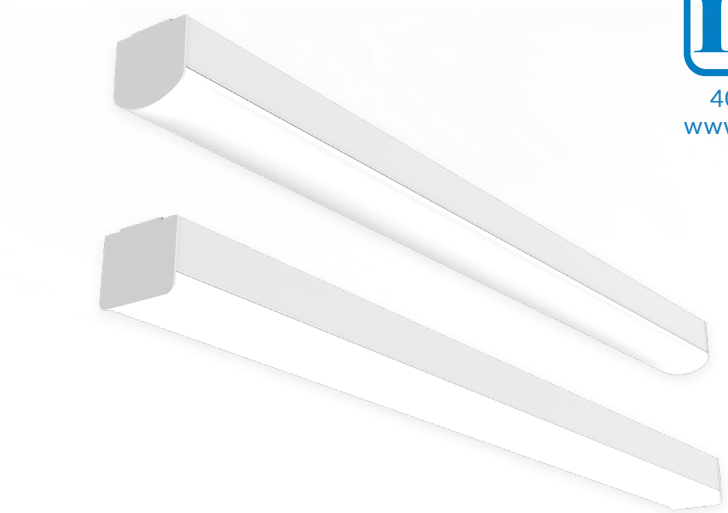
Project Name:	Part Number:	Type:

DISCOVERY
LINEAR STRIP



ILP
407-478-3759
www.ilp-inc.com

FEATURES

- Highly Configurable BAA Spec Grade Strip Luminaire
- Sleek injection-molded endcap design
  -Decorative No Knockout end cap option
- No visible fasteners providing a smooth uninterrupted design
- Precision Designed Low UGR Curved & Flat Frosted Acrylic Lens options - IK06 Impact Rate
- High Performance Narrow or Wide Distribution Optics
- White (Std.) and optional Black, Silver, or Custom Finishes
- Sleek Integrated Wireless Grouping Control Options
- Surface, Cable, Suspension, Pendant, & Wall Mounting Options
- Asymmetrical & Symmetrical White Reflector Options
- 2ft, 4ft & 8ft Lengths available
- 18 Lumen Packages Ranging 2,000L – 20,000L
- Standard Efficacy (SE) and High Efficacy (HE) Lumen Packages
- 3000K, 3500K, 4000K, and 5000K CCT options available
- 80 or 90 CRI
- 120-277V & 347V 0-10V, Bi-Level & Line Voltage Driver Options
- 0-10V Dimmable Driver (100% -10%)
- L90>54,000 hrs
- -4°F to 122°F Ambient Temperature Range
- 5 Year Warranty (std); 10 Year Warranty Optional
- ETL Listed for Dry and Damp Locations

EasySense · Enlighted · VIVE by LUTRON · LUTRON Athena Wireless Node

*Optional

SUITABLE APPLICATIONS

- Offices
- Education
- Storage Facility
- Garages
- Retail
- Warehouses
- Distribution Centers
- Grocery Stores
- Healthcare
- Hallways

ORDERING GUIDE:

SERIES	LUMENS	LIGHT ENGINE	DRIVER	80CRI/CCT	LENS OPTIONS	DISTRIBUTION	FINISH	END CAP	WARRANTY
☐ DSC2[1] 2' Discovery	☐ 2L	☐ SE[9] Standard Efficacy	☐ U 120-277V	☐ 50 5000K	☐ FFL Frosted Flat Lens	☐ (BLANK) Wide	☐ (BLANK) White	☐ (BLANK) End Cap w/ Knockout	☐ (BLANK) 5 Year
	☐ 3L	☐ HE High Efficacy	☐ HV 347V	☐ 40 4000K		☐ ND[4] Narrow	☐ BLK[15,16] Black		☐ 10YR 10 Year
	☐ 4L			☐ 35 3500K	☐ FCL Frosted Curved Lens		☐ SLV[15,16] Silver	☐ NEKO End Cap w/o Knockout	
				☐ 30 3000K			☐ C[15,16] Custom		
☐ DSC4 4' Discovery	☐ 2L				☐ FFLGR Frosted Flat Glare Reducing Lens				
	☐ 3L								
	☐ 4L			**90CRI/CCT**					
	☐ 6L			☐ 940[1] 4000K	☐ FCLGR Frosted Curved Glare Reducing Lens				
	☐ 8L[1]			☐ 935[1] 3500K					
	☐ 10L[1,18]			☐ 930[1] 3000K					
☐ DSC8 8' Discovery	☐ 5L								
	☐ 6L								
	☐ 8L								
	☐ 10L								
	☐ 12L								
	☐ 14L[1,26]								
	☐ 16L[1,17,26]								
	☐ 18L[1,17,26]								
	☐ 20L[1,17,26]								

[1] Only available with High Efficacy Option
[2] Adds 2in to Nominal Fixture Length. See Line Drawings for more detail
[3] Adds 4in to Nominal Fixture Length. See Line Drawings for more detail
[4] Option Ships without Lens
[5] Contact Factory for Availability
[6] Must be used with SR Sensor Ready Driver
[7] Used only when mounting fixtures in continuous rows. One needed between each fixture.
[8] Mounted on End Cap of fixture. Not compatible with NEKO option.
[9] Not available with DSC2 models
[10] Mounted Integral within Fixture Length
[11] Easily Controlled via Mobile Phone with Philips MasterConnect Bluetooth App
[12] Must be used with HUB for single point mounting for 4ft models. 8ft models must be dual point mounted.
[13] One required per 4ft section
[14] Easily Controlled via Mobile Phone with Bluetooth App
[15] May reduce published performance; consult factory
[16] May reduce max ambient; consult factory
[17] Not available with 90CRI option
[18] Operation down to 32°F
[19] Operation down to 14°F
[20] Must be used with FMB
[21] Not compatible with NEKO option. Wired through end cap of fixture.
[22] Not compatible with RW/5W
[23] Not Compatible RS or RA Option
[24] May lose compatibility with sensor options. For more information please contact Factory
[25] Not available with HV driver option
[26] Not available with FFL and FCL lens options

DISCOVERY
LINEAR STRIP

ORDERING GUIDE:

OPTIONS

Factory Installed

☐	**SR**[25]	Sensor Ready Driver
☐	**DR**[25]	DALI Ready Driver
☐	**DIM1**[25]	1% Dimming Driver
☐	**BLD**[25]	Bi-Level Dimming Driver w/ Two Hot Leads (100%/50%)
☐	**LVD120**[25]	Mark X Phase Dimming 120V
☐	**Cx/yW**	Cord (x=Length;6,10,15) (y=# of conductors; 3,4,5,6)
☐	**Cx/3W/L715P**	3 Wire factory installed cord with a L715P plug attached (x=Length; 6,10)
☐	**QDx/yW**	Quick Disconnect Cord (x=Length; 6,10,15) (y=# of conductors; 3,4,5,6)
☐	**RW/3W**[7,21]	3 Wire Raceway Wiring Harness for continuous wiring through fixture (non-dimming)
☐	**RW/5W**[7,21]	5 Wire Raceway Wiring Harness for continuous wiring through fixture (dimming)
☐	**EM6**[9,18]	6W Factory Installed Battery Backup
☐	**EM6/HE**[9,18]	6W Factory Installed Battery Backup - CEC Title 20 Compliant
☐	**EM6/HE/SD**[9,18]	6W Factory Installed Self Diagnostic Battery Backup - CEC Title 20 Compliant
☐	**EM10**[9,18]	10W Factory Installed Battery Backup
☐	**EM10/HE**[9,18]	10W Factory Installed Battery Backup - CEC Title 20 Compliant
☐	**EM10/HE/SD**[9,18]	10W Factory Installed Battery Backup - Self Diagnostic
☐	**EM12**[9,18]	12W Factory Installed Battery Backup
☐	**GTD**[9]	Generator Transfer Device
☐	**UL924**[9]	UL 924 Emergency Device
☐	**SMLxxxx**[24]	Specified Lumen Output (xxxx = lumen output, nearest hundred)

CONTROLS

Basic - Factory Installed

☐	**FIOS**[2,10,19]	On/Off Occupancy Sensor
☐	**FIOSPC**[2,10]	On/Off Occupancy Sensor w/ Photocell
☐	**FIOSPC/DLH**[2,10]	On/Off Occupancy Sensor w/ Daylight Harvesting
☐	**DHPC**[8,19,22]	Daylight Harvesting Photocell
☐	**USBD**[3,10,22]	User Selectable Bi-Level Dimming Occupancy Sensor
☐	**BDxx**[3,10,22]	Preset Bi-Level Dimming Occupancy Sensor (xx=% eg. 20,30)
☐	**BDxxPC**[3,10,22]	Preset Bi-Level Dimming Occupancy Sensor (xx=% eg. 20,30) w/ Photocell

Advanced - Factory Installed

☐	**ESMC**[2,10,14,22]	EasySense Grouping Sensor for Mounting Heights < 10ft
☐	**ESMC/HB**[8,11,22]	EasySense Grouping Sensor for Mounting Heights > 10ft
☐	**5S/CU/CL**[2,10,22]	Enlighted 5E Connected Lighting (CL) Sensor w/ Control Unit
☐	**5S/CU/IOT**[2,10,22]	Enlighted 5E Internet of Things (IOT) Sensor w/ Control Unit
☐	**VDO**[2,6,10,22]	Lutron Vive DFCSJ-OEM-OCC (Daylight & Occupancy)
☐	**VRF**[2,6,10,22]	Lutron Vive DFCSJ-OEM-RF (RF Only)
☐	**AWNR**[2,10,22]	Lutron Athena Wireless Node RF Only
☐	**AWNS**[2,10,22]	Lutron Athena Wireless Node with Sensor

Ship With Accessories

☐	**+DSCx WC**[23]	11ga Unpainted Galvanized Finish Wire Cage (X=2, 4, 8)
☐	**FMB**[12]	Fixture Mounting Box
☐	**HUB 3/4**[13,20]	Conduit Hub 3/4" for pendant mounting
☐	**ACxY**	Y-Toggle Aircraft Cable System (x=ft)
☐	**VC**	V-Clips for Mounting with Customer Supplied Chain
☐	**+DSC TGMB**	T-Grid Mounting Bracket Set
☐	**+DSC WMB 45DEG**	45 Degree Angled Mounting Bracket Set
☐	**+DSC-ALBR**[7]	Continuous Row Alignment Bracket
☐	**+DSC-QMBR**	Quick Surface Mounting Bracket Set
☐	**ESMC/WWS/DR**	EasySense Dual Rocker Wireless Wall Switch
☐	**+DSCx RS**	Reflector Kit, Symmetrical, White (x=2, 4, 8)
☐	**+DSCx RA**	Reflector Kit, Aymmetrical, White (x=2, 4, 8)

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DISCOVERY

LINEAR STRIP

LED SYSTEMS INFO[1] Part Numbers	Light Engine	Lens	3000K Lumens	3000K lm/W	3500K Lumens	3500K lm/W	4000K Lumens	4000K lm/W	5000K Lumens	5000K lm/W	Wattage[2]	Replaces	CRI	DLC Listing[3]
DSC2-2L	HE	FFLGR	2255	143	2294	146	2332	148	2409	153	16	1T8	80	Standard
		FCLGR	2282	145	2321	148	2360	150	2438	155				Standard
		FFL	1741	128	1770	130	1800	132	1860	137				Standard
		FCL	1777	131	1807	133	1837	135	1898	140				Standard
DSC2-3L	HE	FFLGR	3037	156	3089	158	3141	161	3244	166	19	2T8	80	Standard
		FCLGR	3073	158	3126	160	3178	163	3283	168				Standard
		FFL	2733	140	2780	143	2827	145	2920	150				Standard
		FCL	2766	142	2813	144	2860	147	2955	152				Standard
DSC2-4L	HE	FFLGR	3852	147	3918	149	3983	152	4115	157	20	2T8	80	Standard
		FCLGR	3897	149	3964	151	4031	154	4164	159				Standard
		FFL	3466	132	3526	134	3585	137	3704	141				Standard
		FCL	3508	134	3568	136	3628	138	3748	143				Standard
DSC4-2L	HE	FFLGR	2602	159	2646	162	2691	164	2780	170	16	1T8	80	Premium
		FCLGR	2633	161	2678	163	2723	166	2813	172				Standard
		FFL	2309	141	2348	143	2388	145	2467	150				Standard
		FCL	2336	142	2376	145	2416	147	2496	152				Standard
	SE	FFLGR	2611	148	2652	151	2693	153	2775	158	18	1T8	80	Standard
		FCLGR	2562	146	2602	148	2642	151	2723	155				Premium
		FFL	2421	138	2459	140	2497	142	2573	146				Standard
		FCL	2345	136	2383	138	2419	140	2493	144				Standard
DSC4-3L	HE	FFLGR	3051	152	3103	155	3155	157	3260	162	20	2T8	80	Premium
		FCLGR	3087	154	3140	156	3193	159	3299	164				Standard
		FFL	2746	137	2793	139	2840	141	2934	146				Standard
		FCL	2779	138	2826	141	2874	143	2969	148				Standard
	SE	FFLGR	3073	140	3121	142	3169	144	3266	149	22	2T8	80	Standard
		FCLGR	3112	138	3161	141	3210	143	3235	147				Premium
		FFL	2850	130	2894	132	2939	134	3028	138				Standard
		FCL	2823	128	2867	130	2911	132	3000	136				Standard
DSC4-4L	HE	FFLGR	4533	149	4611	151	4689	154	4844	159	30	2T8	80	Premium
		FCLGR	4587	151	4666	153	4744	156	4901	161				Premium
		FFL	4080	134	4150	136	4220	139	4359	143				Standard
		FCL	4129	136	4199	138	4270	140	4411	145				Standard
	SE	FFLGR	4436	131	4506	133	4576	135	4715	139	34	2T8	80	Premium
		FCLGR	4424	133	4493	135	4562	137	4701	141				Standard
		FFL	4276	126	4344	128	4411	130	4545	134				Standard
		FCL	4181	126	4248	128	4313	130	4444	134				Standard
DSC4-6L	HE	FFLGR	6270	154	6377	156	6485	159	6699	164	41	3T8	80	Premium
		FCLGR	6278	152	6385	155	6493	157	6708	162				Premium
		FFL	5709	138	5807	141	5905	143	6100	148				Standard
		FCL	5650	137	5747	139	5844	141	6037	146				Standard
	SE	FFLGR	5985	143	6087	145	6190	147	6395	152	42	3T8	80	Premium
		FCLGR	6056	144	6160	147	6263	149	6471	154				Premium
		FFL	5387	128	5479	130	5571	133	5755	137				Standard
		FCL	5450	130	5544	132	5637	134	5823	139				Standard
DSC4-8L	HE	FFLGR	8954	150	9107	153	9260	155	9566	161	60	2T5HO	80	Premium
		FCLGR	9060	152	9215	155	9370	157	9680	162				Premium
		FFL	8058	135	8196	138	8334	140	8610	144				Standard
		FCL	8154	137	8294	139	8433	141	8712	146				Standard
DSC4-10L	HE	FFLGR	9776	136	9943	139	10111	141	10445	146	72	3T5HO	80	Premium
		FCLGR	9836	137	10067	140	10236	143	10575	147				Premium
		FFL	9110	125	9296	127	9453	129	9766	134				Standard
		FCL	8979	122	9129	124	9283	126	9590	131				Standard
DSC8-5L	HE	FFLGR	4891	156	4975	159	5058	162	5226	167	31	2T8	80	Premium
		FCLGR	4949	158	5034	161	5118	164	5288	169				Premium
		FFL	4564	140	4642	143	4720	145	4876	150				Standard
		FCL	4618	142	4697	144	4776	147	4934	152				Standard
	SE	FFLGR	5101	147	5181	149	5261	152	5421	156	35	2T8	80	Premium
		FCLGR	5053	146	5132	148	5211	150	5370	155				Premium
		FFL	4973	143	5051	146	5129	148	5285	152				Standard
		FCL	4926	142	5004	144	5081	146	5235	151				Standard
DSC8-6L	HE	FFLGR	6151	155	6257	158	6362	161	6572	166	40	4T8	80	Premium
		FCLGR	6224	157	6331	160	6437	163	6650	168				Premium
		FFL	5536	140	5631	142	5726	145	5915	149				Standard
		FCL	5602	141	5698	144	5794	146	5985	151				Standard
	SE	FFLGR	6412	142	6512	145	6613	147	6814	151	45	4T8	80	Premium
		FCLGR	6351	141	6451	143	6550	145	6749	150				Premium
		FFL	6251	139	6349	141	6447	143	6643	147				Standard
		FCL	6192	137	6289	140	6386	142	6580	146				Standard

[1] Values are nominal, check IES file for more detail

[2] Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

[3] All SKUs may not be DLC listed, check QPL

DISCOVERY

LINEAR STRIP

LED SYSTEMS INFO[1] Part Numbers	Light Engine	Lens	3000K		3500K		4000K		5000K		Wattage[2]	Replaces	CRI	DLC Listing[3]
			Lumens	lm/W	Lumens	lm/W	Lumens	lm/W	Lumens	lm/W				
DSC8-8L	HE	FFLGR	8879	149	9031	152	9183	154	9487	159	60	2T5HO	80	Premium
		FCLGR	8985	151	9138	154	9292	156	9599	161				Premium
		FFL	7991	134	8128	137	8265	139	8538	143				Standard
		FCL	8086	136	8224	138	8363	141	8639	145				Standard
	SE	FFLGR	8229	137	8358	139	8487	141	8745	146	60	2T5HO	80	Standard
		FCLGR	8151	136	8279	138	8407	140	8662	144				Standard
		FFL	8196	135	8325	137	8453	139	8710	143				Standard
		FCL	8119	134	8246	136	8373	138	8628	142				Standard
DSC8-10L	HE	FFLGR	10786	154	10971	157	11155	159	11524	164	70	2T5HO	80	Premium
		FCLGR	10914	156	11101	158	11288	161	11661	166				Premium
		FFL	9708	138	9874	141	10040	143	10372	148				Standard
		FCL	9823	140	9991	143	10159	145	10495	150				Standard
	SE	FFLGR	10104	141	10277	143	10450	146	10796	150	72	2T5HO	80	Premium
		FCLGR	10225	142	10399	145	10574	147	10924	152				Premium
		FFL	9094	127	9250	129	9405	131	9716	135				Standard
		FCL	9202	128	9359	130	9517	133	9832	137				Standard
DSC8-12L	HE	FFLGR	12592	150	12808	153	13023	155	13454	160	83	6T8	80	Premium
		FCLGR	12742	152	12960	154	13178	157	13614	162				Premium
		FFL	11333	135	11527	137	11721	140	12109	144				Standard
		FCL	11468	137	11664	139	11860	141	12252	146				Standard
	SE	FFLGR	12915	136	13136	138	13357	140	13799	145	95	6T8	80	Premium
		FCLGR	13069	137	13292	140	13516	142	13963	147				Premium
		FFL	11528	122	11725	124	11922	126	12317	130				Standard
		FCL	11762	124	11963	126	12164	128	12567	132				Standard
DSC8-14L	HE	FFLGR	13112	144	13336	146	13561	149	14009	154	91	6T8	80	Premium
		FCLGR	13268	146	13495	148	13722	151	14176	156				Premium
DSC8-16L	HE	FFLGR	14993	142	15250	145	15506	147	16019	152	105	4T5HO	80	Premium
		FCLGR	15171	144	15431	146	15691	149	16210	154				Premium
DSC8-18L	HE	FFLGR	16733	140	17019	142	17305	145	17878	149	120	4T5HO	80	Premium
		FCLGR	16932	142	17221	144	17511	146	18090	151				Premium
DSC8-20L	HE	FFLGR	19635	137	19971	139	20307	142	20979	146	143	6T5HO	80	Premium
		FCLGR	19868	139	20208	141	20548	143	21228	148				Premium

[1] Values are nominal, check IES file for more detail

[2] Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

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DISCOVERY

LINEAR STRIP

ELECTRICAL DATA (AMPS)

Lumen Package	Wattage	120V	208V	240V	277V	347V	480V
DSC2-2LHE	15.7	0.13	0.08	0.07	0.06	0.05	0.03
DSC2-3LHE	19.5	0.16	0.09	0.08	0.07	0.06	0.04
DSC2-4LHE	26.2	0.22	0.13	0.11	0.09	0.08	0.05
DSC4-2LHE	16.4	0.14	0.08	0.07	0.06	0.05	0.03
DSC4-2LSE	17.6	0.15	0.08	0.07	0.06	0.05	0.04
DSC4-3LHE	20.1	0.17	0.10	0.08	0.07	0.06	0.04
DSC4-3LSE	22.0	0.18	0.11	0.09	0.08	0.06	0.05
DSC4-4LHE	30.4	0.25	0.15	0.13	0.11	0.09	0.06
DSC4-4LSE	34.0	0.28	0.16	0.14	0.12	0.10	0.07
DSC4-6LHE	40.8	0.34	0.20	0.17	0.15	0.12	0.09
DSC4-6LSE	42.0	0.35	0.20	0.17	0.15	0.12	0.09
DSC4-8LHE	59.6	0.50	0.29	0.25	0.22	0.17	0.12
DSC4-10LHE	71.8	0.60	0.35	0.30	0.26	0.21	0.15
DSC8-5LHE	31.3	0.26	0.15	0.13	0.11	0.09	0.07
DSC8-5LSE	34.7	0.29	0.17	0.14	0.13	0.10	0.07
DSC8-6LHE	39.6	0.33	0.19	0.17	0.14	0.11	0.08
DSC8-6LSE	45.1	0.38	0.22	0.19	0.16	0.13	0.09
DSC8-8LHE	59.5	0.50	0.29	0.25	0.21	0.17	0.12
DSC8-8LSE	60.1	0.50	0.29	0.25	0.22	0.17	0.13
DSC8-10LHE	70.1	0.58	0.34	0.29	0.25	0.20	0.15
DSC8-10LSE	71.8	0.60	0.35	0.30	0.26	0.21	0.15
DSC8-12LHE	82.5	0.69	0.40	0.34	0.30	0.24	0.17
DSC8-12LSE	95.2	0.79	0.46	0.40	0.34	0.27	0.20
DSC8-14LHE	91.1	0.76	0.44	0.38	0.33	0.26	0.19
DSC8-16LHE	105.5	0.88	0.51	0.44	0.38	0.30	0.22
DSC8-18LHE	119.6	1.00	0.58	0.50	0.43	0.34	0.25
DSC8-20LHE	143.5	1.20	0.69	0.60	0.52	0.41	0.30

[1] Electrical data at 25C (77F). Actual wattage may differ by +/-10%

AMBIENT TEMPERATURE RANGE

Part Number	Suspended	Surface
DSC2-2LHE	113	104
DSC2-3LHE	113	104
DSC2-4LHE	113	104
DSC4-2LHE	113	104
DSC4-3LHE	113	104
DSC4-4LHE	113	104
DSC4-6LHE	104	95
DSC4-8LHE	113	104
DSC4-10LHE	104	95
DSC8-5LHE	113	104
DSC8-6LHE	104	95
DSC8-8LHE	113	104
DSC8-10LHE	104	95
DSC8-12LHE	104	95
DSC8-14LHE	122	113
DSC8-16LHE	113	104
DSC8-18LHE	95	86
DSC8-20LHE	104	95
DSC4-2LSE	113	104
DSC4-3LSE	113	104
DSC4-4LSE	113	104
DSC4-6LSE	104	95
DSC8-5LSE	104	95
DSC8-6LSE	131	122
DSC8-8LSE	113	104
DSC8-10LSE	104	95
DSC8-12LSE	113	104

DISCOVERY
LINEAR STRIP

SPECIFICATIONS

CONSTRUCTION
Steel housing body for rigidity, durability, and ease of installation. Designed to achieve maximum performance and improved aesthetics. Injection molded end caps provide sleek and robust design. End caps available with knockouts or No End Cap Knockout Options (NEKO). Power access plate mounted on back of fixture for easy access to wiring in addition to various knockouts along back of fixture. Product proudly assembled in the United States of America.

ELECTRICAL
Class 2 LED light engine for high efficacy and long life. Calculated L70 > 100,000 hrs and L90 > 54,00hrs. LED Lumen Maintenance Estimates based on TM-21 projections for the light source at 25°C ambient. Power Factor > 0.90. THD < 20%. Standard 120-277 Vac 0-10V dimmable (10%-100%) with optional 347 Vac High Voltage, Bi-Level, 1% Dimming, and 120V Line Volage Dimming Options. Optional emergency battery backups, generator transfer device, and UL924 devices available to meet critical life safety lighting requirements.

INSTALLATION
Designed for a variety of mounting solutions including ceiling, wall, pendant and suspended. Fixtures can be mounted in continuous rows with appropriate hardware and wiring options. Knockouts mounted on back and end of fixture for electrical access and mounting.

OPTICS
IK06 high impact resistant Curved and Flat Frosted Glare Reducing Acrylic lens available for durability and LED Glare reduction. Standard wide and optional narrow distribution optics available. Field removable lens section for easy access to driver channel for installation and maintenance.

CONTROLS
Factory installed Advanced and Basic sensor options available to maximize energy savings. Please see more information below on Pages 5 & 6. Inquire with manufacturer for additional controls options, including customer supplied items.

CERTIFICATIONS
ETL Listed to US and Canadian safety standards. Suitable for damp locations. Title 24 Compliant with sensor option; see local ordinance for qualification information. DLC (DesignLights Consortium) Premium Qualified. Please refer to the DLC Qualified Products List at www. Designlights.org/QPL to confirm specific product qualifications.

WARRANTY
5 Year Warranty Standard; 10 Year Warranty Optional (Terms and Conditions apply).

CONTROLS OPTIONS

BASIC

FIOS
Standard on/off motion sensor. Comes with 360 degree high bay lens, 360 degree low bay lens & aisle lens. 360 degree high bay lens factory installed, unless notified otherwise.

FIOSPC
Motion sensor with the addition of photocell control. When installed, fixture will not activate unless 1. motion is detected and 2. light levels are below the preset level. When activated, fixture will turn on to 100% light output & will only shut off when one of the two levels mentioned above are met. If no motion is detected & light levels fall below preset level the fixture remains off.

FIOSPC/DLH
Factory installed motion sensor with the addition of photocell control that will allow for daylight harvesting. When installed, fixture will not activate unless 1. motion is detected & 2. light levels are below the preset level. When activated, fixture will turn on only enough to meet the preset light levels and will adjust as the amount of light in the space adjusts between 100%-10%. If light levels are adequate the fixture will remain off.

DHPC
Daylight Harvesting off photocell. Fixtures will continually dim up/down throughout the day based on light level readings taken from the photocell control.

USBD
User Selectable Bi-Level Dimming. Allows the end user to manually select the unoccupied dimming level. Once motion is detected, the fixture will return to 100% light output.

BDxx
Factory set Bi-Level Dimming. Sensor is set to dim level, as indicated in the “xx” portion of the part number, when the area is unoccupied. Example: BD20 sets the fixture to dim down to 20% lumen output when the area is unoccupied. Once motion is detected, the fixture will return to 100% light output.

BDxxPC
Factory set Bi-Level Dimming with motion and photocell. Sensor is set to dim level, as indicated in the “xx” portion of the part number, when the area is unoccupied and will not return to 100% light output unless 1. motion is detected and 2.the light level is below the preset level. Example: BD20PC sets the fixture to dim down to 20% lumen output when the area is unoccupied and will not return to 100% light output unless the above conditions are met for both motion and light level readings.

DISCOVERY
LINEAR STRIP

CONTROLS OPTIONS

ADVANCED

EASYSENSE

ESMC
EasySense combines occupancy sensing, daylight harvesting and institutional tuning in one compact solution. This is an ideal control for any Commercial application. Each device allows you to turn on/off occupancy and/or daylight harvesting functions as well as set the full light output, background light level, occupancy prolong time, occupancy gracy fading time, and occupancy time out/hold time. It can be easily controlled via the Phillips MasterConnect Bluetooth App on a mobile phone.

ESMC/HB
EasySense Grouping Sensor for Mounting Heights > 10ft. Combines occupancy sensing, daylight harvesting & institutional tuning in one compact solution. This is an ideal control for any commercial application. Each sensor allows you to turn on/off occupancy and/or daylight harvesting functions as well as set the full light output, background light level, occupancy prolong time, occupancy grace fading time and occupancy timeout/hold time. Requires use of EasySense Pre-Programmed Control Device (ES/PCD) & Commissioning IR Blaster (ES/IR); one of each needed per project. (Sold separately).

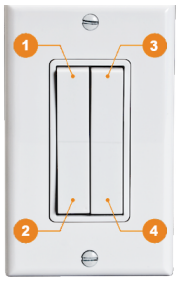
ESMC/WWS/DR
Optional Wireless / Batteryless Dual Rocker Wall Switch. Up to 100ft range. Functions include: On/Off, dimming and setting of (2) scences for full room control.

Specifications:

- Wireless
- Batteryless
- Dual Rocker
- ZigBee®
- 30–100ft Range

Functions:

1. On (Hold to brighten up)
2. Off (Hold to dim down)
3. Scene 1
4. Scene 2



ENLIGHTED

5S/CU/CL
Bundled System with Enlighted 5E sensor (SU-5E-CL), Control Unit (CU-4E-FM) and Cable (CBL-5E-CU4-30N). Fixtures are controlled based on occupancy and ambient light. Includes individual lighting control plus connection to Enlighted Energy Manager. The Energy Manager provides data analysis for all data collected by the Enlighted Smart Sensors for energy, occupancy and environment. Provided with factory installed components only. Enlighted system provided by others. Contact factory for more information.

5S/CU/IOT
Bundled System with Enlighted 5E sensor (SU-5E-IOT), Control Unit (CU-4E-FM) and Cable (CBL-5E-CU4-30N). Fixtures are controlled based on occupancy and ambient light. Includes individual lighting control plus connection to Enlighted Energy Manager. Energy Manager provides data analysis for all data collected by Enlighted Smart Sensors for energy, occupancy & environment. Additionally, the IOT functionality takes the data access and function beyond just lighting to a wide range of applications beyond the standard connected lighting controls. Provided with factory installed components only. Enlighted system provided by others.Contact factory for more information.

LUTRON

VDO
Vive DFCSJ-OEM-OCC integral fixture control sensor with daylight & occupancy. Vive provides intuitive programming allowing for maximum flexibility with wireless communication & sensing as desired. Provided with factory installed components only. Lutron system provided by others. Sensor must be used in conjunction with Pico Switch/Dimmer. Cannot be used in conjunction with mechanical on/off power switch. Contact factory for more information

VRF
Vive DFCSJ-OEM-RF integral fixture control with Radio Frequency (RF) communication. Vive provides intuitive programming allowing for maximum flexibility with wireless communication as desired. Provided with factory installed components only. Lutron system provided by others. Sensor must be used in conjunction with Pico Switch/Dimmer. Cannot be used in conjunction with mechanical on/off power switch. Contact factory for more information.

ANWR
Athena wireless node is a radio frequency (RF) device that enables simple, digital control of individual light fixtures in an Athena control system. Enables individual wireless control of each fixture in an Athena control system. Accommodates zone and control changes without rewiring. All drivers on the link are controlled as a single zone. Provided with factory installed components only. Lutron Athena system provided by others.

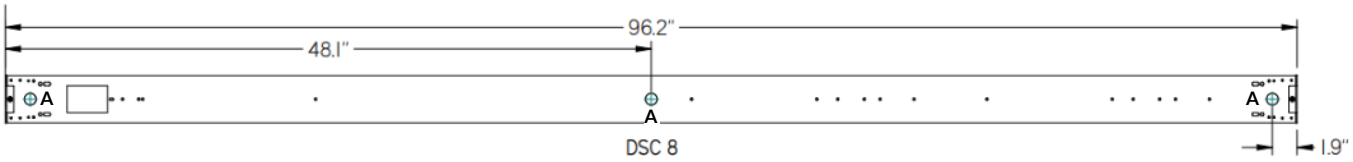
AWNS
Athena wireless node with a sensor that enables simple, digital control of individual light fixtures in an Athena control system. Provides wireless control of the fixture and includes a passive infrared (PIR) sensor for occupancy and a daylight sensor. Enables individual wireless control of each fixture in an Athena control system. Accommodates zone and control changes without rewiring. All drivers on the link are controlled as a single zone. Provided with factory installed components only. Lutron Athena system provided by others.

DISCOVERY
LINEAR STRIP

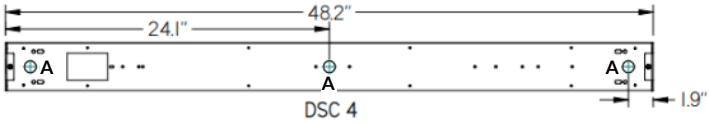
LINE DRAWINGS

A - Knockout Locations

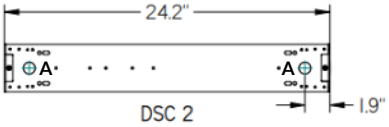
DSC 8: 96.2"



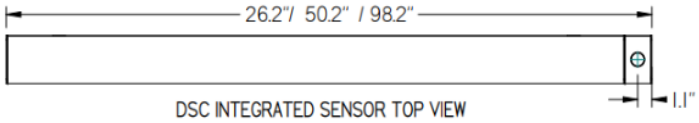
DSC 4: 48.2"



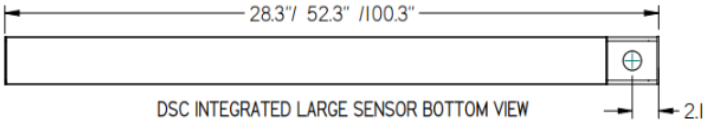
DSC 2: 24.2"



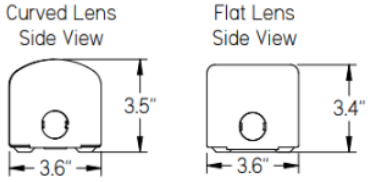
DSC2: 26.2" / DSC4: 50.2" / DSC8: 98.2"



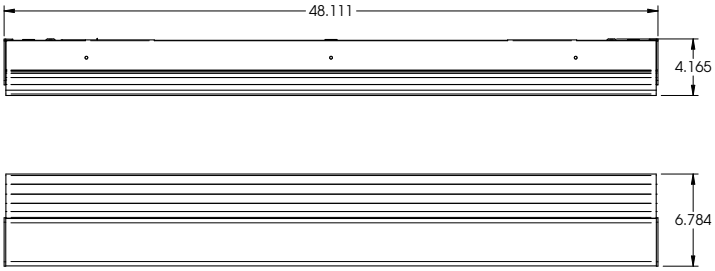
DSC2: 28.3" / DSC4: 52.3" / DSC8: 100.3"



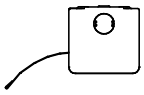
DSC - End Caps



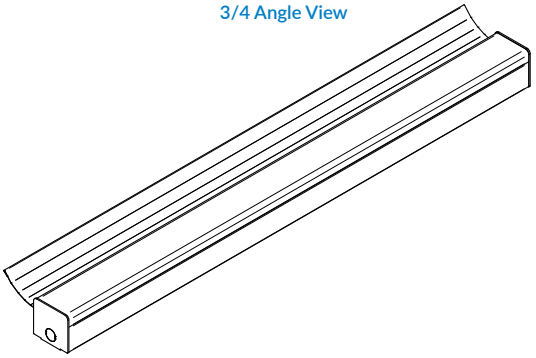
DSC 4: 48.2" - With RA Reflector Option



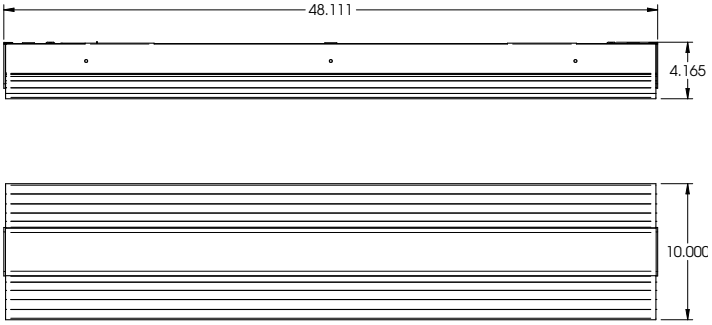
End Cap View



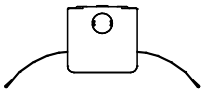
3/4 Angle View



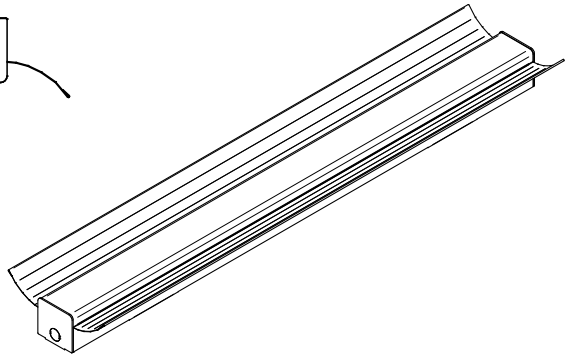
DSC 4: 48.2" - With RS Reflector Option



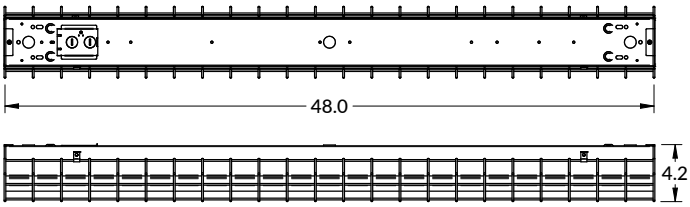
End Cap View



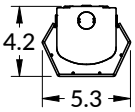
3/4 Angle View



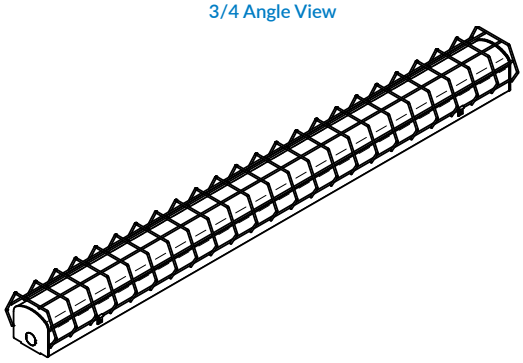
DSC 4 Curved Lens: 48.2" - With Wire Cage Option



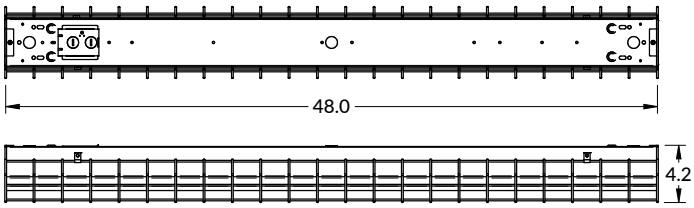
End Cap View



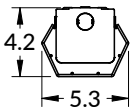
3/4 Angle View



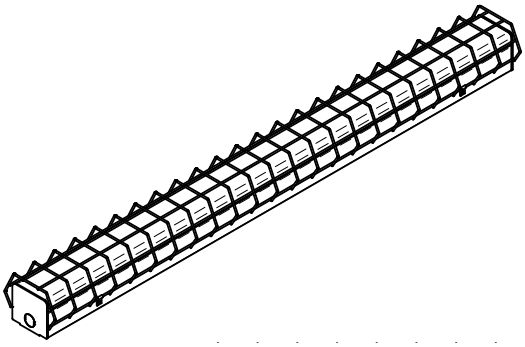
DSC 4 Flat Lens: 48.2" - With Wire Cage Option



End Cap View



3/4 Angle View

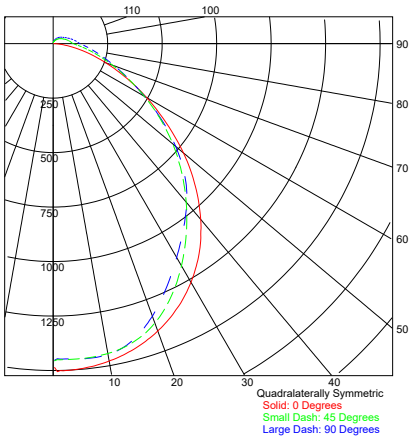


DISCOVERY

LINEAR STRIP
PHOTOMETRICS

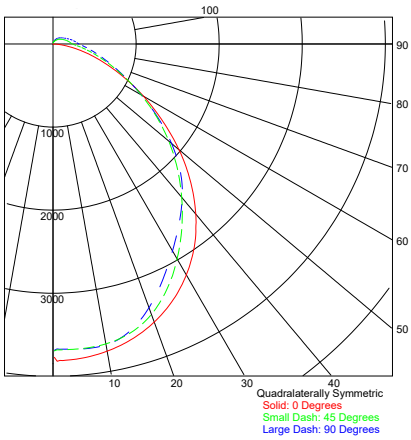
LUMINAIRE DATA	
Part Number	DSC2-4LHE-U-40-FFLGR
Description	2ft Linear Strip, High Efficiency, 4,000 Lumens, 4000K, Frosted Flat Glare Reducing Lens
Fixture Lumens (lm)	3983 Lumens
Wattage (W)	26 W
Efficacy (lm/W)	149 lm/W
Mounting	Surface
Spacing Criteria	0° = 1.28, 90° = 1.18

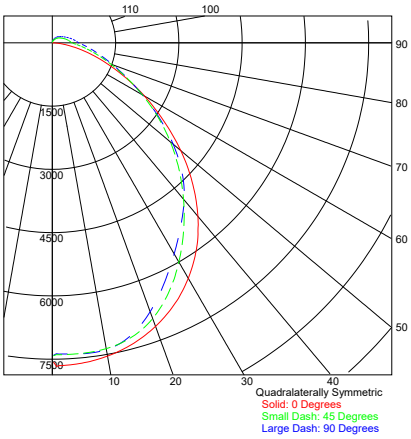
ZONAL LUMEN SUMMARY		
Zone	Lumens (lm)	% Fixture
0° - 40°	1809	45%
0° - 60°	3015	78%
0° - 90°	3734	99%
90° - 180°	249	1%
0° - 180°	3983	100%



LUMINAIRE DATA	
Part Number	DSC4-10LHE-U-40-FFLGR
Description	4ft Linear Strip, High Efficiency, 10,000 Lumens, 4000K, Frosted Flat Glare Reducing Lens
Fixture Lumens (lm)	10111 Lumens
Wattage (W)	72 W
Efficacy (lm/W)	141 lm/W
Mounting	Surface
Spacing Criteria	0° = 1.28, 90° = 1.18

ZONAL LUMEN SUMMARY		
Zone	Lumens (lm)	% Fixture
0° - 40°	4592	45%
0° - 60°	7653	78%
0° - 90°	9479	99%
90° - 180°	632	1%
0° - 180°	10111	100%



LUMINAIRE DATA	
Part Number	DSC8-20LHE-U-40-FFLGR
Description	8ft Linear Strip, High Efficiency, 20,000 Lumens, 4000K, Frosted Flat Glare Reducing Lens
Fixture Lumens (lm)	20307 Lumens
Wattage (W)	143 W
Efficacy (lm/W)	142 lm/W
Mounting	Surface
Spacing Criteria	0° = 1.28, 90° = 1.18

ZONAL LUMEN SUMMARY		
Zone	Lumens (lm)	% Fixture
0° - 40°	9223	45%
0° - 60°	15371	78%
0° - 90°	19037	99%
90° - 180°	1269	1%
0° - 180°	20307	100%