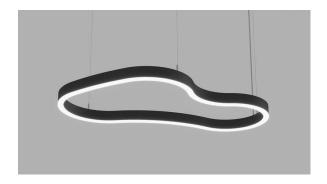


PUZZLE™ **FULL SPECIFICATION SHEET**



Fixture Type	Fixture Code	Quantities	

DESCRIPTION

Buoyant and cheerful, PUZZLE is a collection of curvilinear pendants consisting of 5 organic shapes each with 3 sizes. What these shapes are is an enigma left open to the individual's imagination and designed for creating remarkable configurations that complement a variety of design themes.

OPTICS & FEATURES











Declare

APPROVALS











4 GENERAL SPECIFICATION

BODY

Aluminum.

SUSPENSION

Steel cables.

REMOTE EMERGENCY

Emergency option provides a 1.5 hour (3 hours for EU) emergency lighting facility. The remote system includes the inverter module, NiCad batteries and a remote wall/ceiling LED charge indicator and test switch (NA only) Maximum distance between wall/ceiling plate and luminaire is 15'/4.5m. Test switch fits a single gang box (not supplied).

DRIVERS

HPF electronic drivers for 120-277V, 37V (EU-240V). Drivers are either remote mounted or integral to the canopy depending on the size of the fixture.

MECHANICAL

Luminaires mount directly over J box (by others - North America only).

DELIVERED LUMENS

Delivered lumens & LPW based on 4000K (min 80 CRI).

APPROVALS

Damp Rated.

SEISMIC BRACING

Seismic bracing kits are available to meet compliance requirements. Consult the factory for details.

FINISH

Powder coated.

POWER CABLE

Silver braided.

REMOTE MOUNTING OF DRIVERS

Wire Size 18 AWG - Max distance (from fixture to drivers) 40' (12.2m), Wire size 16 AWG - Max distance 60' (18.3m), Wire size 14 AWG - Max distance 90 (27.4m). Drivers must be accessible after installation.

LENS

Protruding Lens (0.9"/2.1mm).

SENSORS

Consult factory regarding sensor compatibility.

REPORTED L70 @25°C(77°F)

> 50,000 hrs.

PATENT NO.

D827909, D827187, D827908, D828611, D827907.

5 DESIGN OPTIONS

FIXTURE FINISH



CANOPY FINISH



HOW TO ORDER

1. Choose Shape and Size

Select from one of the following 5 shapes. Three sizes per Shape, consult dimensional diagrams for actual sizes.

SHAPE "A"



PULP1P01 A1, Direct, 3200 lms

PULP1P02 A2, Direct, 5100 lms

PULP1P03 A3, Direct, 7000 lms

PULP2P01 A1, Direct/Indirect,

6700 lms

PULP2P02 A2 Direct/Indirect, 10300 lms

PULP2P03 A3 Direct/Indirect,

14100 lms

SHAPE "B"



PULP1P04 B1 Direct, 3000 lms

PULP1P05 B2 Direct, 4800 lms

PULP1P06 B3 Direct, 6600 lms

PULP2P04 B1, Direct/Indirect,

5700 lms

PULP2P05 B2, Direct/Indirect,

9500 lms

PULP2P06 B3 Direct/Indirect,

13400 lms

SHAPE "C"



PULP1P07 C1 Direct, 3000 lms

PULP1P08 C2 Direct, 4800 lms

PULP1P09 C3 Direct, 6600 lms

PULP2P07 C1 Direct/Indirect,

6300 lms

PULP2P08 C2 Direct/Indirect, 9500 lms

PULP2P09 C3 Direct/Indirect,

13400 lms



SHAPE "D"



PULP1P10 D1 Direct, 3200 lms

PULP1P11 D2 Direct, 5000 lms

PULP1P12 D3 Direct, 7000 lms

PULP2P10 D1 Direct/Indirect,

6700 lms

PULP2P11 D2 Direct/Indirect, 10300 lms

PULP2P12 D3 Direct/Indirect, 14100 lms

SHAPE "E"



PULP1P13 E1 Direct, 3000 lms

PULP1P14 E2 Direct, 5000 lms

PULP1P15 E3 Direct, 7000 lms

PULP2P13 E1, Direct/Indirect,

6300 lms

PULP2P14 E2 Direct/Indirect, 10300 lms

PULP2P15 E3 Direct/Indirect,

14100 lms

2. LUMENS (DIRECT)

LPF017 175 lm/ft 1

LPF026 265 lm/ft ²

LPF035 350 lm/ft 3

- ¹ Based of 50% of total output.
- ² Based on 75% of total output.

3. LUMEN (INDIRECT)

LPG000 Not required

LPG017 175 lm/ft ¹

LPG026 265 lm/ft ²

LPG035 350 lm/ft 3

- ¹ Based of 50% of total output.
- ² Based on 75% of total output.
- ³ 100% of total output.

4. CRI

CR80 CRI 80+

CR90 CRI 90+

5. CCT (DIRECT)

CTA27 2700K

CTA30 3000K

CTA35 3500K

CTA40 4000K

 $^{^{3}}$ 100% of total output.



6. CCT (INDIRECT)

CTB00 Not required **CTB27** 2700K **CTB30** 3000K **CTB35** 3500K

CTB40 4000K

7. VOLTAGE

V1 120/277V **V2** 240V ¹ **V3** 347V ²

8. DIMMING

DA01 0-10V Dimming 1.0% **DA02** 0-10V Dimming 0.1% ¹ **DA20** DALI Dimming 0.1% ¹ **DA21** DALI Dimming 1.0% ¹

9. SUSPENSION

SS1 Vertical, Remote driver SS3 Vertical, Driver Integral to

Canopy 1

10. FINISH

FA01 White FA02 Black Metallic - Textured FA20 Silver Metallic - Textured FA25 Gold Metallic - Textured

FA44 Midnight Blue Metallic - FA45 Copper Metallic - FA46 Charcoal Metallic - FA47 Bronze Metallic - Textured

Textured Textured

FA53 Red Metallic - Textured

CF53 Red Metallic - Textured

11. CANOPY FINISH

FA52 Champagne Metallic

CF52 Champagne Metallic

CF01 White CF02 Black Metallic - Textured CF20 Silver Metallic - Textured CF25 Gold Metallic - Textured

CF44 Midnight Blue Metallic - CF45 Copper Metallic - CF46 Charcoal Metallic - CF47 Bronze Metallic - Textured

Textured Textured

12. EMERGENCY

EO Not required **E2** Emergency system - Remote

13. CIRCUITS

CS1 Single circuit CS2 Dual circuit

¹ Not available in North America.

² Available with DA01 only.

¹ Remote, not available with V3.

¹ Available with DA01 only.

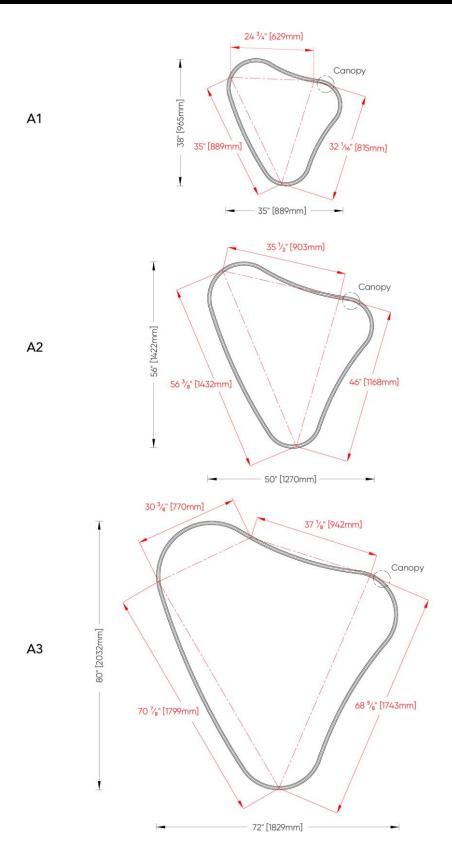


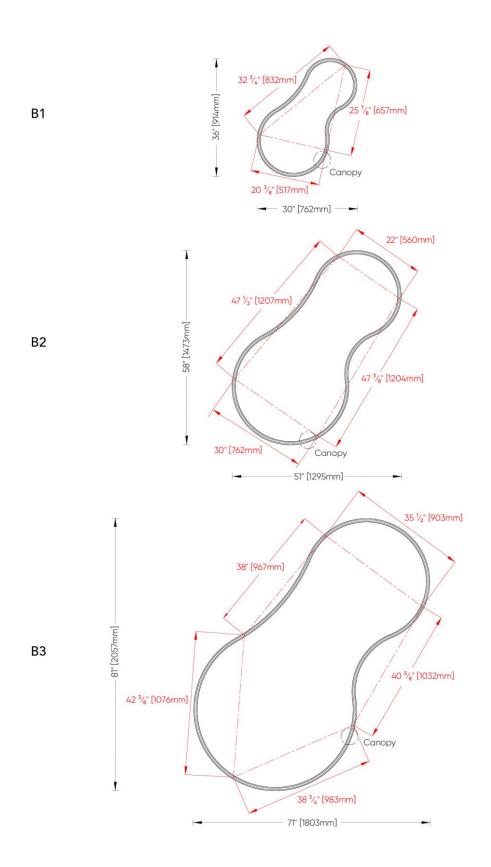
7 PERFORMANCE DATA							
PULP1P01-A1 Susp Pts 3	Lumens	Watts	LPW	PULP2P01-A1 Susp Pts 3	Lumens	Watts	LPW
LPF017 LPF026 LPF035	1600 2400 3200	23 36 48	69 68 67	LPF017-LPG017 LPF026-LPG026 LPF035-LPG035	3400 5000 6700	48 73 98	70 69 68
PULP1P02-A2 Susp Pts 3	Lumens	Watts	LPW	PULP2P02-A2 Susp Pts 3	Lumens	Watts	LPW
LPF017 LPF026 LPF035	2500 3800 5100	37 56 75	69 68 67	LPF017-LPG017 LPF026-LPG026 LPF035-LPG035	5200 7700 10300	74 113 151	70 69 68
PULP1P03-A3 Susp Pts 4	Lumens	Watts	LPW	PULP2P03-A3 Susp Pts 4	Lumens	Watts	LPW
LPF017 LPF026 LPF035	3500 5200 7000	50 77 103	69 68 67	LPF017-LPG017 LPF026-LPG026 LPF035-LPG035	7100 10600 14100	101 154 207	70 69 68
PULP1P04-B1 Susp Pts 3	Lumens	Watts	LPW	PULP2P04-B1 Susp Pts 3	Lumens	Watts	LPW
LPF017 LPF026 LPF035	1500 2200 3000	22 33 44	69 68 67	LPF017-LPG017 LPF026-LPG026 LPF035-LPG035	2800 4300 5700	41 62 84	70 69 68
PULP1P05-B2 Susp Pts 4	Lumens	Watts	LPW	PULP2P05-B2 Susp Pts 4	Lumens	Watts	LPW
LPF017 LPF026 LPF035	2400 3600 4800	35 53 71	69 68 67	LPF017-LPG017 LPF026-LPG026 LPF035-LPG035	4700 7100 9500	68 103 139	70 69 68
PULP1P06-B3 Susp Pts 5	Lumens	Watts	LPW	PULP2P06-B3 Susp Pts 5	Lumens	Watts	LPW
LPF017 LPF026 LPF035	3300 5000 6600	48 73 98	69 68 67	LPF017-LPG017 LPF026-LPG026 LPF035-LPG035	6700 10100 13400	96 146 197	70 69 68
PULP1P07-C1 Susp Pts 3	Lumens	Watts	LPW	PULP2P07-C1 Susp Pts 3	Lumens	Watts	LPW
LPF017 LPF026 LPF035	1500 2200 3000	22 33 44	69 68 67	LPF017-LPG017 LPF026-LPG026 LPF035-LPG035	3100 4700 6300	45 69 92	70 69 68

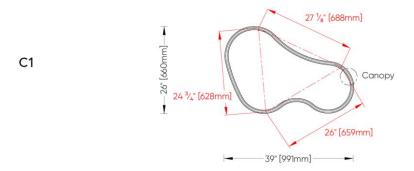


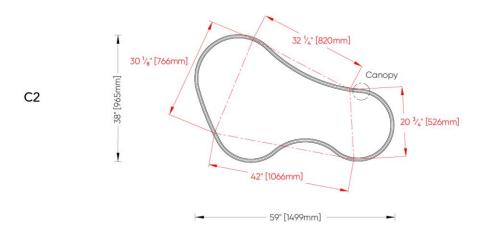
PULP1P08-C2 Susp Pts 4	Lumens	Watts	LPW	PULP2P08-C2 Susp Pts 4	Lumens	Watts	LPW
LPF017	2400	35	69	LPF017-LPG017	4700	68	70
LPF026	3600	53	68	LPF026-LPG026	7100	103	69
LPF035	4800	71	67	LPF035-LPG035	9500	139	68
PULP1P09-C3 Susp Pts 5	Lumens	Watts	LPW	PULP2P09-C3 Susp Pts 5	Lumens	Watts	LPW
·				·			
LPF017	3300 5000	48 73	69 68	LPF017-LPG017	6700	96	70
LPF026 LPF035	6600	73 98	67	LPF026-LPG026 LPF035-LPG035	11000 13400	146 197	69 68
211000	0000	70	0,	E11000 E1 0000	10400	177	00
PULP1P10-D1 Susp Pts 3	Lumens	Watts	LPW	PULP2P10-D1 Susp Pts 3	Lumens	Watts	LPW
TOLINIO DI SUSPI ES S	Lamens	Trutts	21 ***	TOLIZITO DI SUSPI ESS	Lumens	TTG(t)	2. **
LPF017	1600	23	69	LPF017-LPG017	3400	48	70
LPF026	2400	36	68	LPF026-LPG026	5000	73	69
LPF035	3200	48	67	LPF035-LPG035	6700	98	68
PULP1P11-D2 Susp Pts 4	Lumens	Watts	LPW	PULP2P11-D2 Susp Pts 4	Lumens	Watts	LPW
LPF017	2500	36	69	LPF017-LPG017	5200	74	70
LPF026	3800	55	68	LPF026-LPG026	7700	113	69
LPF035	5000	74	67	LPF035-LPG035	10300	151	68
PULP1P12-D3 Susp Pts 5	Lumens	Watts	LPW	PULP2P12-D3 Susp Pts 5	Lumens	Watts	LPW
				·			
LPF017	3500	50	69	LPF017-LPG017	7100	101	70
				·			
LPF017 LPF026	3500 5200	50 77	69 68	LPF017-LPG017 LPF026-LPG026	7100 10600	101 154	70 69
LPF017 LPF026 LPF035	3500 5200 7000	50 77 103	69 68 67	LPF017-LPG017 LPF026-LPG026 LPF035-LPG035	7100 10600 14100	101 154 207	70 69 68
LPF017 LPF026 LPF035 PULP1P13-E1 Susp Pts 3	3500 5200 7000	50 77	69 68	LPF017-LPG017	7100 10600 14100 Lumens	101 154 207 Watts	70 69
LPF017 LPF026 LPF035 PULP1P13-E1 Susp Pts 3 LPF017	3500 5200 7000 Lumens	50 77 103 Watts	69 68 67 LPW	LPF017-LPG017 LPF026-LPG026 LPF035-LPG035 PULP2P13-E1 Susp Pts 3	7100 10600 14100 Lumens	101 154 207 Watts	70 69 68 LPW
LPF017 LPF026 LPF035 PULP1P13-E1 Susp Pts 3 LPF017 LPF026	3500 5200 7000 Lumens 1500 2200	50 77 103 Watts 22 33	69 68 67 LPW	LPF017-LPG017 LPF026-LPG026 LPF035-LPG035 PULP2P13-E1 Susp Pts 3 LPF017-LPG017 LPF026-LPG026	7100 10600 14100 Lumens 3100 4700	101 154 207 Watts 45 69	70 69 68 LPW 70 69
LPF017 LPF026 LPF035 PULP1P13-E1 Susp Pts 3 LPF017	3500 5200 7000 Lumens	50 77 103 Watts	69 68 67 LPW	LPF017-LPG017 LPF026-LPG026 LPF035-LPG035 PULP2P13-E1 Susp Pts 3	7100 10600 14100 Lumens	101 154 207 Watts	70 69 68 LPW
LPF017 LPF026 LPF035 PULP1P13-E1 Susp Pts 3 LPF017 LPF026 LPF035	3500 5200 7000 Lumens 1500 2200 3000	50 77 103 Watts 22 33 44	69 68 67 LPW 69 68 67	LPF017-LPG017 LPF026-LPG026 LPF035-LPG035 PULP2P13-E1 Susp Pts 3 LPF017-LPG017 LPF026-LPG026 LPF035-LPG035	7100 10600 14100 Lumens 3100 4700 6300	101 154 207 Watts 45 69 92	70 69 68 LPW 70 69 68
LPF017 LPF026 LPF035 PULP1P13-E1 Susp Pts 3 LPF017 LPF026	3500 5200 7000 Lumens 1500 2200	50 77 103 Watts 22 33	69 68 67 LPW	LPF017-LPG017 LPF026-LPG026 LPF035-LPG035 PULP2P13-E1 Susp Pts 3 LPF017-LPG017 LPF026-LPG026	7100 10600 14100 Lumens 3100 4700	101 154 207 Watts 45 69	70 69 68 LPW 70 69
LPF017 LPF026 LPF035 PULP1P13-E1 Susp Pts 3 LPF017 LPF026 LPF035	3500 5200 7000 Lumens 1500 2200 3000	50 77 103 Watts 22 33 44	69 68 67 LPW 69 68 67	LPF017-LPG017 LPF026-LPG026 LPF035-LPG035 PULP2P13-E1 Susp Pts 3 LPF017-LPG017 LPF026-LPG026 LPF035-LPG035	7100 10600 14100 Lumens 3100 4700 6300	101 154 207 Watts 45 69 92	70 69 68 LPW 70 69 68
LPF017	3500 5200 7000 Lumens 1500 2200 3000 Lumens	50 77 103 Watts 22 33 44 Watts	69 68 67 LPW 69 68 67	LPF017-LPG017 LPF026-LPG026 LPF035-LPG035 PULP2P13-E1 Susp Pts 3 LPF017-LPG017 LPF026-LPG026 LPF035-LPG035 PULP2P14-E2 Susp Pts 4	7100 10600 14100 Lumens 3100 4700 6300	101 154 207 Watts 45 69 92	70 69 68 LPW 70 69 68
LPF017	3500 5200 7000 Lumens 1500 2200 3000 Lumens	50 77 103 Watts 22 33 44 Watts	69 68 67 LPW 69 68 67 LPW	LPF017-LPG017	7100 10600 14100 Lumens 3100 4700 6300 Lumens	101 154 207 Watts 45 69 92 Watts	70 69 68 LPW 70 69 68 LPW
LPF017	3500 5200 7000 Lumens 1500 2200 3000 Lumens 2500 3800	50 77 103 Watts 22 33 44 Watts 36 55	69 68 67 LPW 69 68 67 LPW	LPF017-LPG017	7100 10600 14100 Lumens 3100 4700 6300 Lumens 5200 7700	101 154 207 Watts 45 69 92 Watts	70 69 68 LPW 70 69 68 LPW 70
LPF017	3500 5200 7000 Lumens 1500 2200 3000 Lumens 2500 3800	50 77 103 Watts 22 33 44 Watts 36 55	69 68 67 LPW 69 68 67 LPW	LPF017-LPG017	7100 10600 14100 Lumens 3100 4700 6300 Lumens 5200 7700	101 154 207 Watts 45 69 92 Watts	70 69 68 LPW 70 69 68 LPW 70
LPF017	3500 5200 7000 Lumens 1500 2200 3000 Lumens 2500 3800 5000	50 77 103 Watts 22 33 44 Watts 36 55 74	69 68 67 LPW 69 68 67 LPW	LPF017-LPG017 LPF026-LPG026 LPF035-LPG035 PULP2P13-E1 Susp Pts 3 LPF017-LPG017 LPF026-LPG026 LPF035-LPG035 PULP2P14-E2 Susp Pts 4 LPF017-LPG017 LPF026-LPG026 LPF035-LPG035 PULP2P15-E3 Susp Pts 5	7100 10600 14100 Lumens 3100 4700 6300 Lumens 5200 7700 10300 Lumens	101 154 207 Watts 45 69 92 Watts 74 113 151	70 69 68 LPW 70 69 68 LPW 70 69 68
LPF017	3500 5200 7000 Lumens 1500 2200 3000 Lumens 2500 3800 5000	50 77 103 Watts 22 33 44 Watts 36 55 74	69 68 67 LPW 69 68 67 LPW	LPF017-LPG017 LPF026-LPG026 LPF035-LPG035 PULP2P13-E1 Susp Pts 3 LPF017-LPG017 LPF026-LPG026 LPF035-LPG035 PULP2P14-E2 Susp Pts 4 LPF017-LPG017 LPF026-LPG026 LPF035-LPG035	7100 10600 14100 Lumens 3100 4700 6300 Lumens 5200 7700 10300	101 154 207 Watts 45 69 92 Watts 74 113 151	70 69 68 LPW 70 69 68 LPW 70 69
LPF017	3500 5200 7000 Lumens 1500 2200 3000 Lumens 2500 3800 5000 Lumens	50 77 103 Watts 22 33 44 Watts 36 55 74 Watts	69 68 67 LPW 69 68 67 LPW 69	LPF017-LPG017 LPF026-LPG026 LPF035-LPG035 PULP2P13-E1 Susp Pts 3 LPF017-LPG017 LPF026-LPG026 LPF035-LPG035 PULP2P14-E2 Susp Pts 4 LPF017-LPG017 LPF026-LPG026 LPF035-LPG035 PULP2P15-E3 Susp Pts 5 LPF017-LPG017	7100 10600 14100 Lumens 3100 4700 6300 Lumens 5200 7700 10300 Lumens 7100	101 154 207 Watts 45 69 92 Watts 74 113 151 Watts	70 69 68 LPW 70 69 68 LPW 70

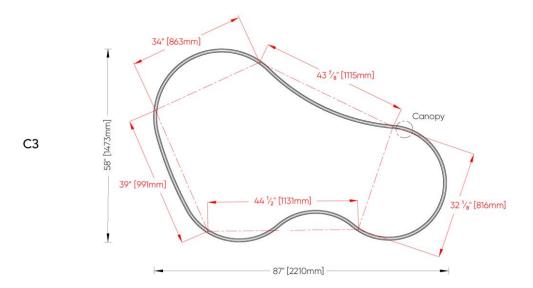
8 DIMENSIONAL DIAGRAMS

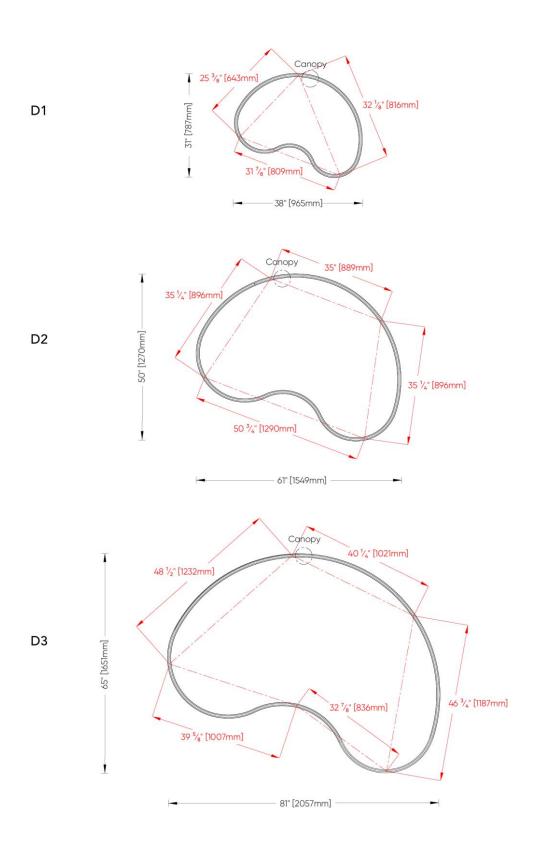


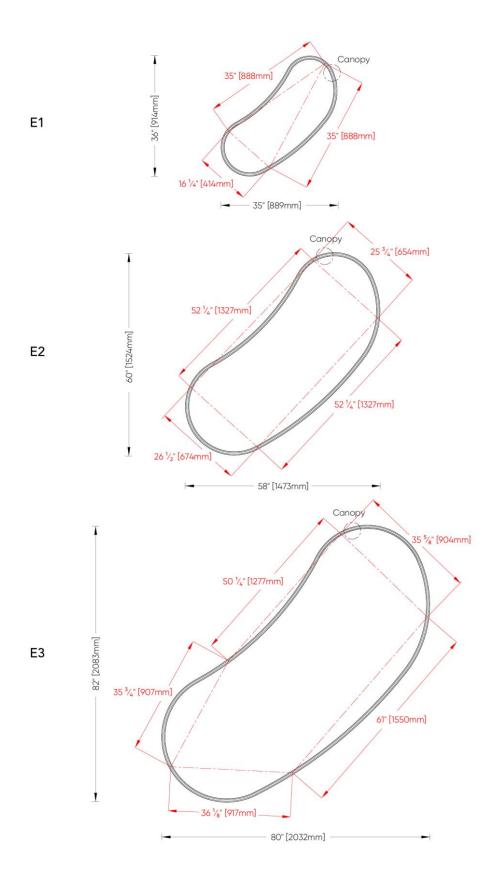






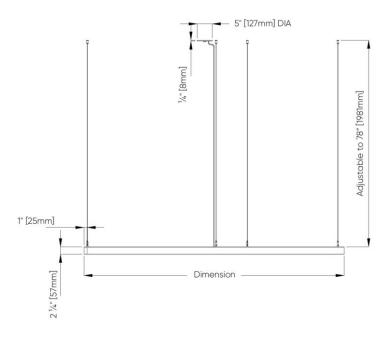








SS1 Vertical - Remote Driver



SS3 Vertical - Integral Driver

