



# PUZZLE™

## FULL SPECIFICATION SHEET



Fixture Type

Fixture Code

Quantities

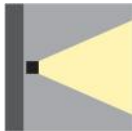
### 1 DESCRIPTION

Buoyant and cheerful, **PUZZLE** is a collection of curvilinear surface lights 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 combinations on the wall or ceiling that complement a variety of design themes.

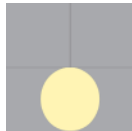
### 2 OPTICS & FEATURES



Ceiling Direct



Wall Direct



Direct



Declare

### 3 APPROVALS

ADA



IP20

4 GENERAL SPECIFICATION

**BODY AND TRIM**

Steel and aluminium.

**DIFFUSER**

Protruding Lens (2.1mm/0.08").

**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 4.5m/15'. Test switch fits a single gang box (not supplied).

**DRIVERS**

HPF electronic drivers for 120-277V (EU-240V), 0-10V, 1% dimming. Drivers are mounted remotely.

**DELIVERED LUMENS**

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

**APPROVALS**

Damp Rated.

**FINISH**

Powder coated.

**SENSORS**

Consult factory regarding sensor compatibility.

**REMOTE MOUNTING OF DRIVERS**

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

**MECHANICAL**

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

**REPORTED L70 @25°C(77°F)**

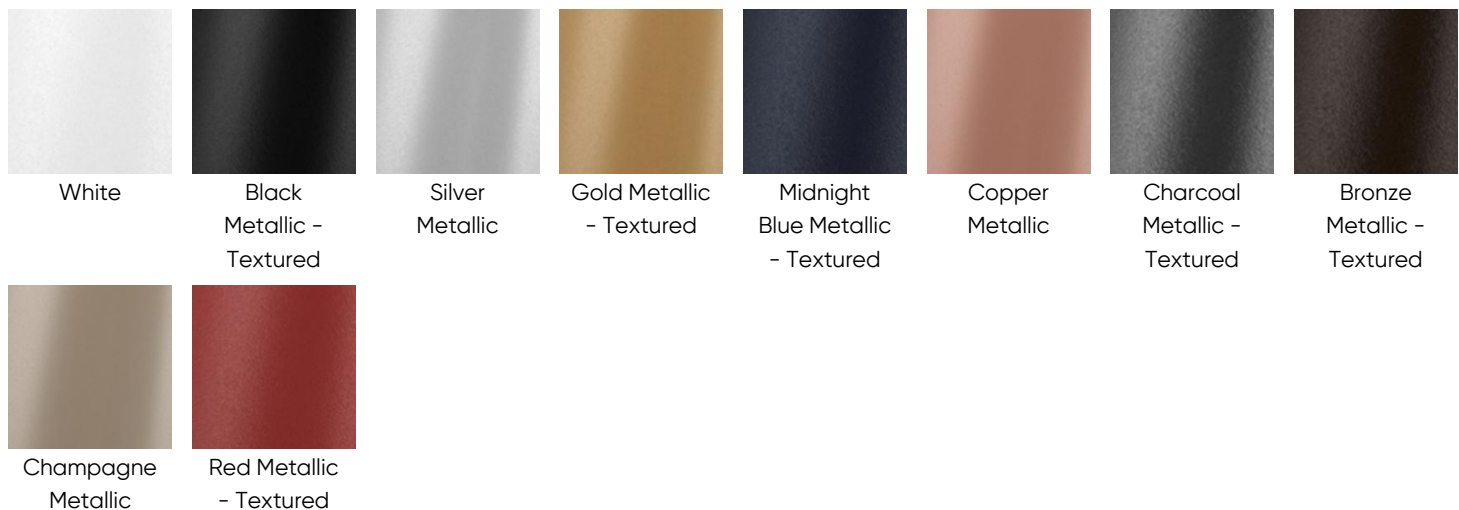
> 50,000 hrs.

**PATENT NO.**

D827909, D827187, D827908, D828611, D827907.

5 DESIGN OPTIONS

FINISH



6 HOW TO ORDER

1. Choose a Shape and Size

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

SHAPE "A"

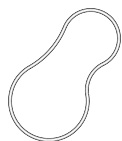


PULC1C01 A1, 3200 lms

PULC1C02 A2, 5100 lms

PULC1C03 A3, 7000 lms

SHAPE "B"



PULC1C04 B1, 3000 lms

PULC1C05 B2, 4800 lms

PULC1C06 B3, 6600 lms

## SHAPE "C"



**PULC1C07** C1, 3000 lms

**PULC1C08** C2, 4800 lms

**PULC1C09** C3, 6600 lms

## SHAPE "D"



**PULC1C10** D1, 3200 lms

**PULC1C11** D2, 5000 lms

**PULC1C12** D3, 7000 lms

## SHAPE "E"



**PULC1C13** E1, 3000 lms

**PULC1C14** E2, 5000 lms

**PULC1C15** E3, 7000 lms

## 2. LUMENS

**LPF017** 175 lm/ft <sup>1</sup>

**LPF026** 265 lm/ft <sup>2</sup>

**LPF035** 350 lm/ft <sup>3</sup>

<sup>1</sup> Based of 50% of total output.

<sup>2</sup> Based on 75% of total output.

<sup>3</sup> 100% of total output.

## 3. CRI

**CR80** CRI 80+

**CR90** CRI 90+

## 4. CCT

**CTA27** 2700K

**CTA30** 3000K

**CTA35** 3500K

**CTA40** 4000K

## 5. VOLTAGE

**V1** 120/277V

**V2** 240V <sup>1</sup>

**V3** 347V <sup>2</sup>

<sup>1</sup> Not available in North America.

<sup>2</sup> Available with DA01 only.

## DIMMING

**DA01** 0–10V Dimming 1.0%

**DA02** 0–10V Dimming 0.1% <sup>1</sup>

**DA20** DALI Dimming 0.1% <sup>1</sup>

**DA21** DALI Dimming 1.0% <sup>1</sup>

<sup>1</sup> Remote only, not available with V3.

## 6. FINISH

**FA01** White

**FA02** Black Metallic – Textured

**FA20** Silver Metallic

**FA25** Gold Metallic – Textured

**FA44** Midnight Blue Metallic – Textured

**FA45** Copper Metallic

**FA46** Charcoal Metallic – Textured

**FA47** Bronze Metallic – Textured

**FA52** Champagne Metallic

**FA53** Red Metallic – Textured

## 7. EMERGENCY

**E0** Not required

**E2** Emergency system – Remote

## 7 PERFORMANCE DATA

<b>PULC1C01-A1</b>	<b>Lumens</b>	<b>Watts</b>	<b>LPW</b>	<b>PULC1C02-A2</b>	<b>Lumens</b>	<b>Watts</b>	<b>LPW</b>
LPF017	1600	23	69	LPF017	2500	37	69
LPF026	2400	36	68	LPF026	3800	56	68
LPF035	3200	48	67	LPF035	5100	75	67
<b>PULC1C03-A3</b>	<b>Lumens</b>	<b>Watts</b>	<b>LPW</b>	<b>PULC1C04-B1</b>	<b>Lumens</b>	<b>Watts</b>	<b>LPW</b>
LPF017	3500	50	69	LPF017	1500	22	69
LPF026	5200	77	68	LPF026	2200	33	68
LPF035	7000	103	67	LPF035	3000	44	67
<b>PULC1C05-B2</b>	<b>Lumens</b>	<b>Watts</b>	<b>LPW</b>	<b>PULC1C06-B3</b>	<b>Lumens</b>	<b>Watts</b>	<b>LPW</b>
LPF017	2400	35	69	LPF017	3300	48	69
LPF026	3600	53	68	LPF026	5000	73	68
LPF035	4800	71	67	LPF035	6600	98	67
<b>PULC1C07-C1</b>	<b>Lumens</b>	<b>Watts</b>	<b>LPW</b>	<b>PULC1C08-C2</b>	<b>Lumens</b>	<b>Watts</b>	<b>LPW</b>
LPF017	1500	22	69	LPF017	2400	35	69
LPF026	2200	33	68	LPF026	3600	53	68
LPF035	3000	44	67	LPF035	4800	71	67

**PULC1C09-C3**

**Lumens**

**Watts**

**LPW**

LPF017  
LPF026  
LPF035

3300  
5000  
6600

48  
73  
98

69  
68  
67

**PULC1C10-D1**

**Lumens**

**Watts**

**LPW**

LPF017  
LPF026  
LPF035

1600  
2400  
3200

23  
36  
48

69  
68  
67

**PULC1C11-D2**

**Lumens**

**Watts**

**LPW**

LPF017  
LPF026  
LPF035

2500  
3800  
5000

36  
55  
74

69  
68  
67

**PULC1C12-D3**

**Lumens**

**Watts**

**LPW**

LPF017  
LPF026  
LPF035

3500  
5200  
7000

50  
77  
103

69  
68  
67

**PULC1C13-E1**

**Lumens**

**Watts**

**LPW**

LPF017  
LPF026  
LPF035

1500  
2200  
3000

22  
33  
44

69  
68  
67

**PULC1C14-E2**

**Lumens**

**Watts**

**LPW**

LPF017  
LPF026  
LPF035

2500  
3800  
5000

36  
55  
74

69  
68  
67

**PULC1C15-E3**

**Lumens**

**Watts**

**LPW**

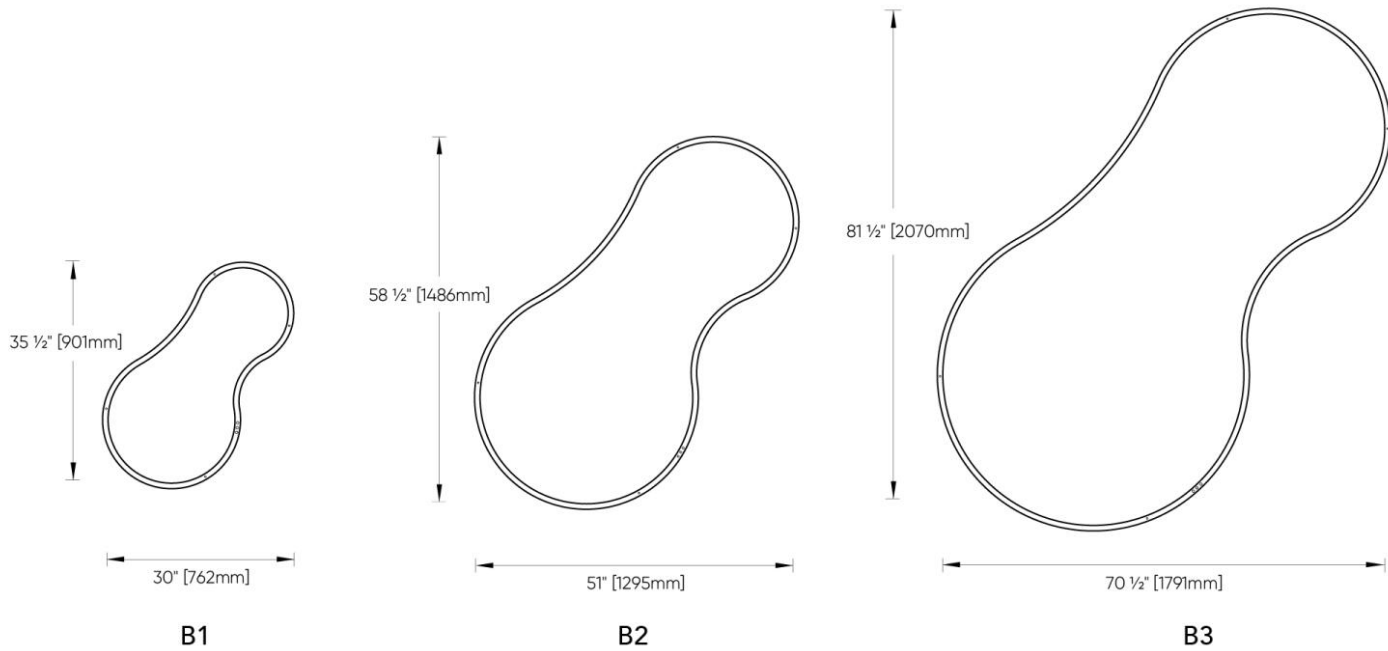
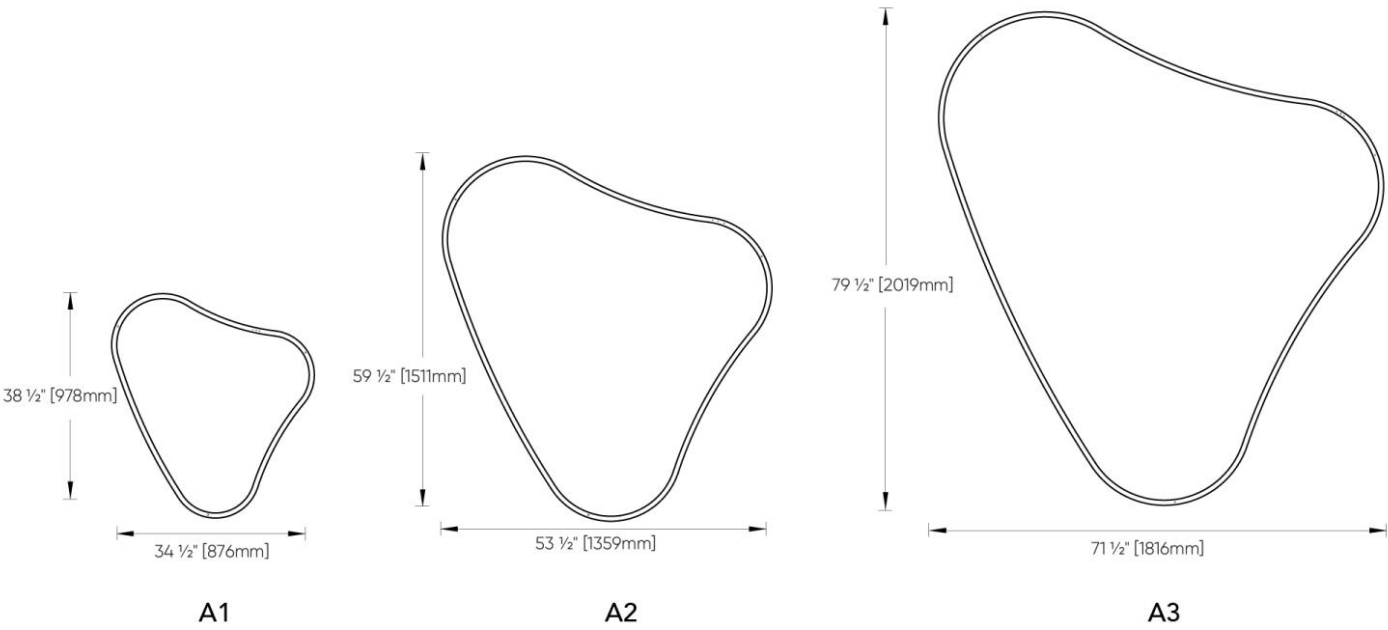
LPF017  
LPF026  
LPF035

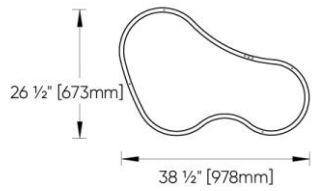
3500  
5200  
7000

50  
77  
103

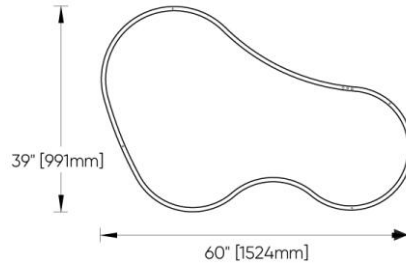
69  
68  
67

**8** DIMENSIONAL DIAGRAMS

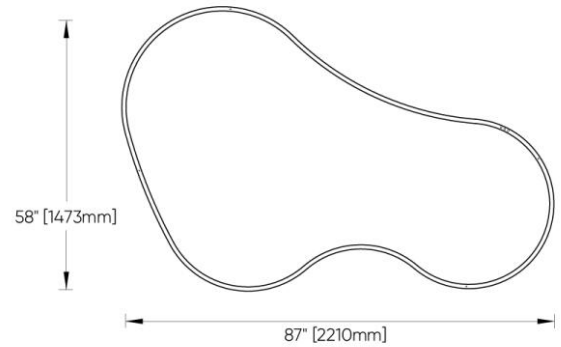




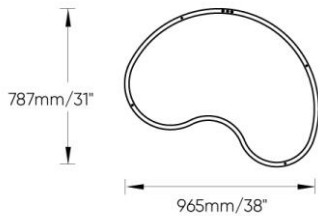
**C1**



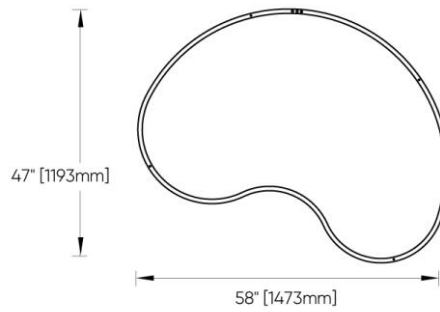
**C2**



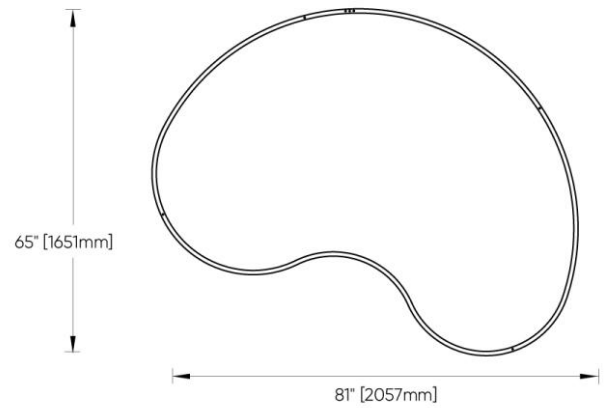
**C3**



**D1**



**D2**



**D3**



