

DPM

Downlight Pendant - Medium, 22" LED Luminaire



PROJECT:

TYPE:

Features

Improved performance, directional control, and efficacy allows this newest generation of the DPM to accommodate needs in the strictest environments. Multiple shade styles make this luminaire suitable for a wide variety of decorative applications, and the improved optics allow it to be used where Dark Sky luminaire requirements are in place.

Product Overview

Wattage: 43W, 49W, 63W, 70W, 79W, 92W
Lumen Output: 13,626 lm (92W, T3, 4000K)
Color Temp: 3000K*, 4000K
Dimming: 0-10V dimming

* IDA Dark Sky approved in 3000K only



Certifications



5 year limited warranty
AMERLUX LED

POWDER COATED TOUGH



Certain Restrictions Apply for DarkSky International

Fixture Summary

Installation:

The luminaire will mount to the bracket. Post top luminaire brackets will mount to a 4" OD post or tenon with (6) 5/16" stainless steel set screws. Wall bracket models have four 3/8" holes for mounting (*wall mount hardware is not included*).

Construction:

- Cast aluminum housing
- Spun aluminum shade

Optics:

The luminaire utilizes IP66 sealed optical modules consisting of a high performance LED board with an acrylic (TIR) lens to deliver maximum spacing and uniformity. A choice of Type II, Type III, Type IV, or Type V, IES distributions are available with the scalability to meet application criteria. Custom configurations available.

Driver:

Convection cooled driver with electronic constant current operation with over voltage and short circuit protection. Automatic voltage sensing for 120V to 277V input. 0-10V dimming.

Finish:

Durable thermoset polyester powdercoat finish in the following:

- Satin Black
- Classic Bronze
- Gloss Textured Bronze
- Green
- Gloss Textured Black
- Textured Black
- Gloss Textured Green

Accessories:

- Backlight Shield
- Wireless control option

ETL listed, suitable for wet locations.

PROJECT:

TYPE:

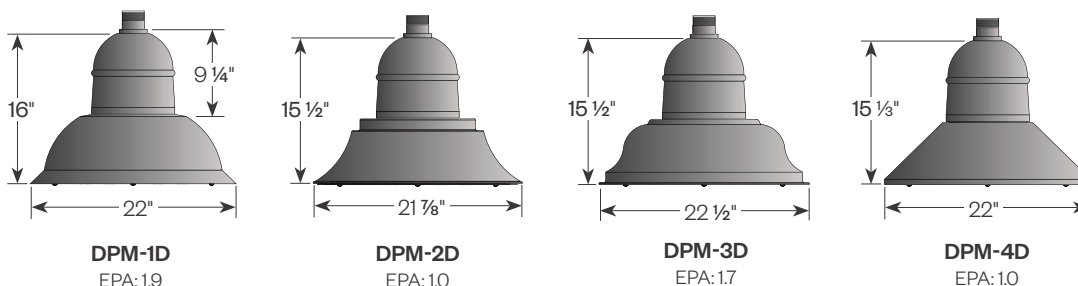
Ordering Information - Fixture

1	2	3	4	5	6	7
1 Model	2 LED Modules	3 Light Distribution	4 Color Temp	5 Power Level	6 Finish	7 Options/Accessories
DPM-1D	2M 2 modules	T2 Type II	30* 3000K	530M	BLK satin black	
DPM-2D	3M 3 modules	T3 Type III	40 4000K	600M	CLB classic bronze	
DPM-3D	4M 4 modules	T4 Type IV	*IDA DarkSky International approved in 3000K only.		GBZ gloss textured bronze	
DPM-4D		T5 Type V			GRN green	
					GTB gloss textured black	
					TBK textured black	
					TGR gloss textured green	
					CSTM custom	
7 Options/Accessories						
BLS backlight shield (T2, T3 & T4 distributions only)						
SSINT-1 integrated wireless control node (for operation on the SmartSite control platform)						

Ordering Information - Mounting (see pg 3 for details)

1	2
1 Model	2 Finish
CBR01-1-24-L pendant bracket, single arm, 24"	BLK satin black
CBR01-1-36-L pendant bracket, double arm, 36"	CLB classic bronze
CBR40-1-24-L pendant bracket, single arm, 24"	GBZ gloss textured bronze
CBR40-2-24-L pendant bracket, double arm, 24" each arm	GRN green
CBR81-1-30-L pendant bracket, single arm, 30"	GTB gloss textured black
CBR81-2-30-L pendant bracket, double arm, 30" each arm	TBK textured black
PT40 pendant crook, single arm	TGR gloss textured green
PT41R pendant crook, single arm	CSTM custom
PT42R pendant crook, double arm	

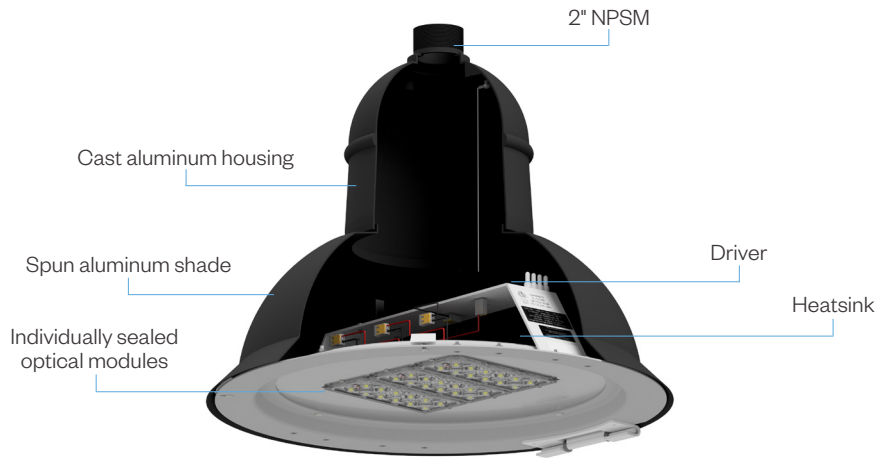
Product Details



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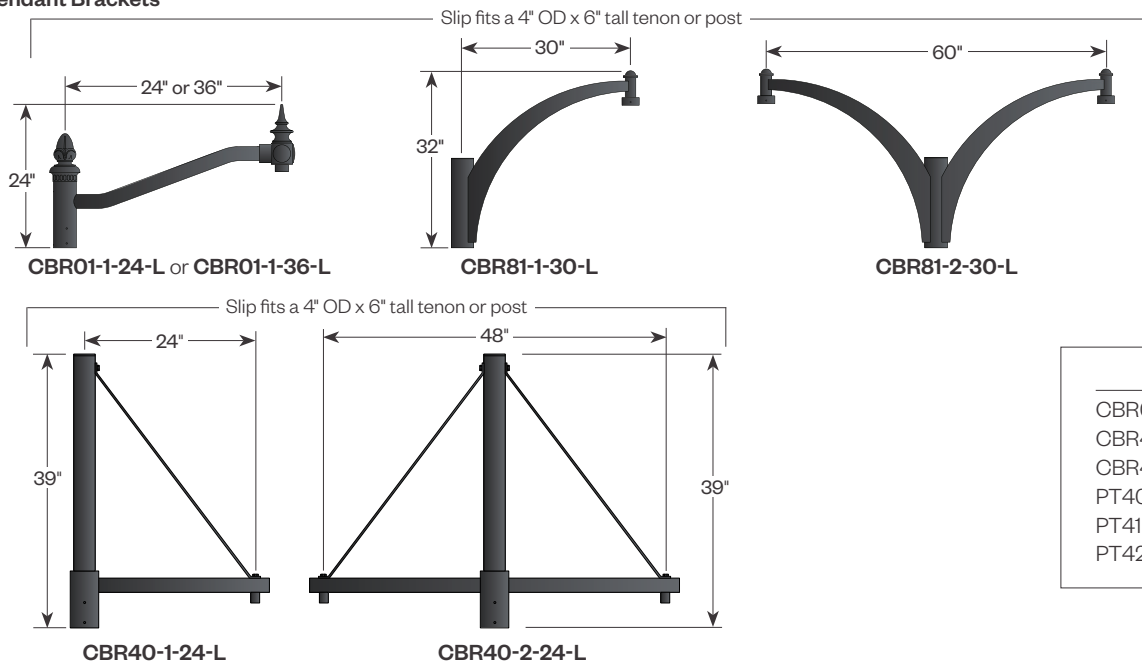
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Product Details - Assembly



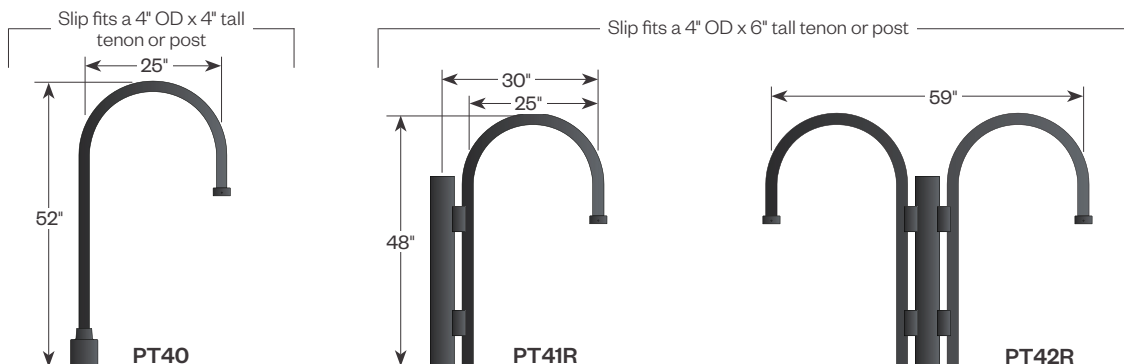
Mounting Options

Pendant Brackets



	EPA
CBR01-1-36	0.84
CBR40-1-24	1.02
CBR40-2-24	1.34
PT40	0.9
PT41R	1.65
PT42R	2.66

Pendant Crooks



PROJECT:

TYPE:

Power

LED Modules	2M		3M		4M	
Power	43W	49W	63W	70W	79W	92W
Amperage Draw @ 120V (A)	0.36	0.41	0.53	0.58	0.66	0.77
Amperage Draw @ 277V (A)	0.16	0.18	0.23	0.25	0.29	0.33

Performance Data

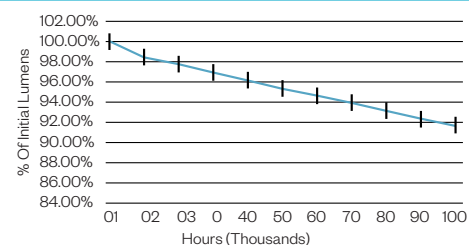
Modules	System Watts	Distribution	CCT	Luminaire Lumens		BUG Rating
				530mA	600mA	
2M	43W (530mA) 49W (600mA)	T2	3000K	5981	6501	1-0-1
			4000K	6340	6891	
		T3	3000K	6093	6623	
			4000K	6459	7020	
		T4	3000K	5795	6299	1-0-2
			4000K	6143	6677	
		T5	3000K	5966	6485	3-0-1
			4000K	6324	6874	
3M	63W (530mA) 70W (600mA)	T2	3000K	8769	9532	2-0-2
			4000K	9295	10104	
		T3	3000K	8934	9711	
			4000K	9470	10294	
		T4	3000K	8497	9236	3-0-2
			4000K	9007	9790	
		T5	3000K	8748	9509	
			4000K	9273	10080	
4M	79W (530mA) 92W (600mA)	T2	3000K	11569	12575	2-0-2
			4000K	12263	13330	
		T3	3000K	11778	12802	
			4000K	12536	13626	
		T4	3000K	11210	12185	3-0-2
			4000K	11883	12916	
		T5	3000K	11564	12545	
			4000K	12258	13298	

Lumen Maintenance

Ambient Temp	50,000 Hours*	70,000 Hours*	90,000 Hours*	100,000 Hours*	Theoretical L70 Hours
25°C	>95.4%	>93.9%	>92.4%	>91.6%	>200,000

* Per IESNA TM-21 data.

Lumen maintenance values apply to all output levels and distributions.

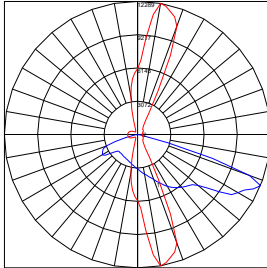


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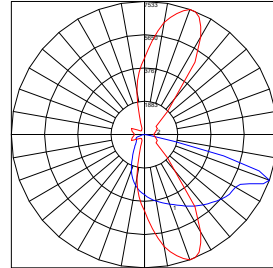
Typical Light Distributions

DPM-xD-4M-T2-30-600M



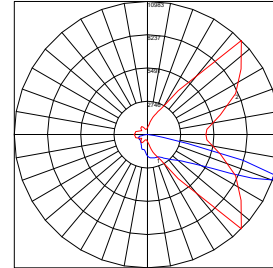
Typical T2 Polar Plot

DPM-xD-4M-T3-30-600M



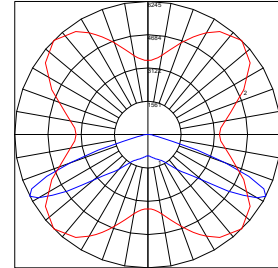
Typical T3 Polar Plot

DPM-xD-4M-T4-30-600M

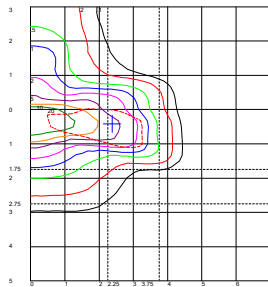


Typical T4 Polar Plot

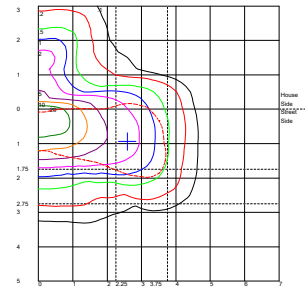
DPM-xD-4M-T5-30-600M



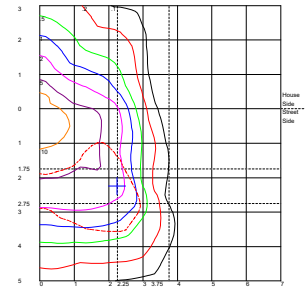
Typical T5 Polar Plot



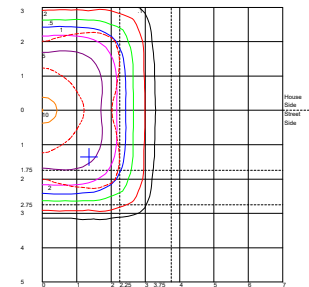
Typical T2 Isolines



Typical T3 Isolines



Typical T4 Isolines



Typical T5 Isolines

Backlight Shield (BLS)

Shield can be easily installed in the field when required.

