

Project		Catalog #		Type	
Prepared by		Notes		Date	



PrentaLux

Nimbaro

Integral LED Light Engine
Statement Decorative

Typical Applications

• Office • Education • Healthcare • Hospitality • Retail • National Accounts

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Filament only



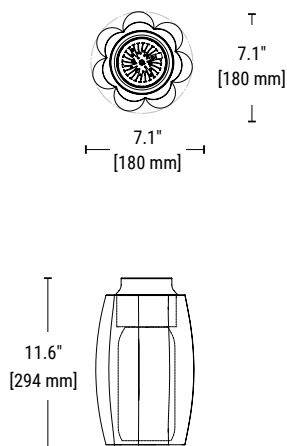
damp location

Top Product Features

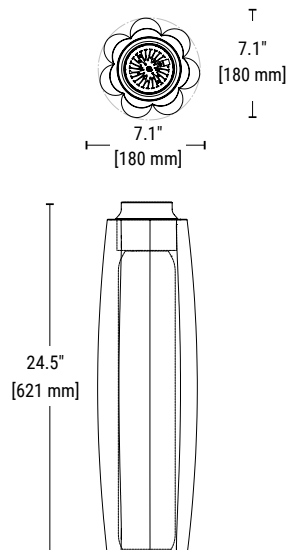
- The PrentaLux Architecture Research Office Series Pendants utilize Cooper Lighting Solutions proprietary 3D printing process.
- Integral LED light engine comes in 3 sizes with up to 8 output levels per size ranging from nominal 150 lms to 2700+ lms.
- 90+ CRI standard with 4 CCT options (2700K, 3000K, 3500K, 4000K).
- Universal Voltage (120-277V).
- 0-10V integral driver with dimming from 100% to 1%.
- 5-year limited warranty.

Dimensions

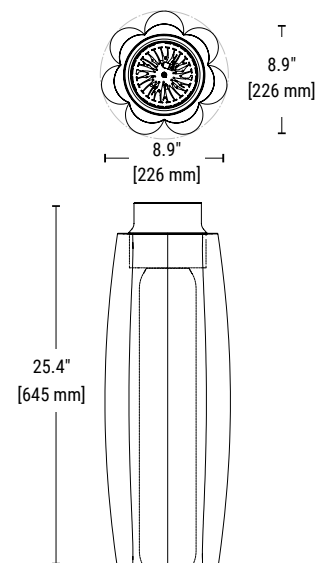
NIMBARO - SMALL



NIMBARO - MEDIUM



NIMBARO - LARGE



Order Information

SAMPLE CATALOG NUMBER: PRLX-NIM-M-927-06L-U-S-TRWH-NL-BRSS-C-W-DW

Domestic Preferences	Brand	Series	Fixture Size	CRI	Nominal Output (lms/W) ^{1,2,3}
[Blank] = Standard BAA = Buy American Act	PRLX	NIM = Nimbaro	S = Small M = Medium L = Large	927 = 90 CRI, 2700K 930 = 90 CRI, 3000K 935 = 90 CRI, 3500K 940 = 90 CRI, 4000K	Small* 02L = 250 Lumens/6.1W 05L = 500 Lumens/11.1W 07L = 750 Lumens/16.2W 09L = 1,000 Lumens/21.3W 12L = 1,200 Lumens/28.9W Medium* 01L = 150 Lumens/6.3W 03L = 300 Lumens/11.1W 04L = 450 Lumens/16.2W 06L = 600 Lumens/21.3W 07L = 700 Lumens/28.9W Large** 02L = 250 Lumens/5.6W 05L = 550 Lumens/14.8W 09L = 900 Lumens/22.6W 12L = 1250 Lumens/30.5W 16L = 1600 Lumens/38.8W 20L = 2000 Lumens/48.6W 23L = 2350 Lumens/58.2W 27L = 2700 Lumens/69.4W
Notes	Notes	Notes	Notes	Notes	Notes
1. Only product configurations with this designated prefix are built to be compliant with the Buy American Act of 1933 (BAA). Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.					1. Nominal lumen output values above are based on 90 CRI, 3500K values and Flat Lens Diffuser. Use IES files for accurate calculations. 2. See Lumen Output tables on pages 6, 8, and 10 for output by optic, CCT and output level. * = Small and Medium Sizes uses small light engine ** = Large Size uses medium light engine

Voltage	Dimming	Shade Color	Shade Texture
U = Universal Voltage (120-277V)	S = 0-10V (dimming from 100% to 1%)	TRWH = Translucent White	LF = Layered Fine NL = Natural Lines NR = Natural Ribs WO = Woven Oval
Notes	Notes	Notes	Notes

Accessories

Finial Color	Mounting Type	Power Cord Color	Rigid Stem Length	Canopy	Stem Kit
WHITE = White BLAK = Black GRAY = Gray ROSE = Rose CAPP = Cappuccino SAGE = Sage BRNZ = Bronze BRSS = Brass SLVR = Silver	C = Air Craft Cable R = Rigid Stem	[Blank] = Rigid Stem (ordered separately) W = White B = Black	[Blank] = Air Craft Cable Selected 36 = 36 inches 48 = 48 inches 96 = 96 inches	DW = Disk - White DB = Disk - Black DC = Disk - Matches Finial Color	3DPSTEMASY36WHT = 36" White Stem Kit 3DPSTEMASY48WHT = 48" White Stem Kit 3DPSTEMASY96WHT = 96" White Stem Kit 3DPSTEMASY36BLK = 36" Black Stem Kit 3DPSTEMASY48BLK = 48" Black Stem Kit 3DPSTEMASY96BLK = 96" Black Stem Kit
Notes	Notes	Notes	Notes	Notes	Notes
	1. Rigid stem kit must be ordered separately as an accessory as an accessory. See Accessories ordering information for stem accessory kit ordering codes.	1. Standard length of cord - 10ft (3050 mm). Max available length is 25ft [7.62 m]. Consult factory for lengths longer than 10ft.	1. Rigid stem selection for wire length provided with fixture and canopy. Stem kit ordered separately.		1. Rigid stem must be ordered separately as an accessory.

Product Specifications

Construction

- PrentaLux Nimbaro consists of an integral LED light engine and a proprietary additive manufacturing process for the polycarbonate shade and components.
- Nimbaro shades utilize a proprietary, impact resistant polycarbonate for maximum durability.
- The polycarbonate used for PrentaLux fixtures is bio-circular and thermally, mechanically and optically optimized for professional/commercial installations. Designed, engineered, and printed in the United States.

Electrical

- Standard 0-10V driver (with dimming from 100% to 1%) integrated into the canopy (120/277V/50-60Hz).

LED & Light Engine

- Available in 2700K, 3000K, 3500K, and 4000K CCT.
- 90 CRI standard.
- Up to 8 lumen packages ranging from nominal 250 to 2700+ lumens. (subject to specific CCT and Light Level).

Driver

- Standard offering is 0-10V with 1% dimming.

Optics

- Inner diffuser and outer translucent white shade
- Polar plot and UGR data on pages 5, 6 & 7.

Environment

- Suited for 25° Celsius ambient. Suitable for damp locations.

Shielding

- Deep regress of light source inside the inner diffuser and outer shade creates excellent cutoff.

Colors & Textures

- Translucent white shade paired with choice of 9 standard finial and canopy colors.
- 4 shade texture options.
- On-Demand finial and canopy colors available with possible extended lead times and additional costs. Please consult factory.

Mounting

- Mounting options include 3D printed canopy, mounting hardware, and UL certified cord with aircraft cable or rigid stem.

Lengths

- Aircraft Cable mounting comes with 10ft cord. Lengths up to 25ft possible. (Consult factory as longer lead times apply).
- Standard rigid stem lengths are 36", 48" and 96". Rigid stem mounting comes with respective lengths of power and dimming wires with the fixture.

Weight

- All products are lightweight and much easier to install than traditional pendants.
- Weight does not include canopy or mounting.
- Small Nimbaro fixture weighs approximately 2.5 lbs.
- Medium Nimbaro fixture weighs approximately 4.6 lbs.
- Large Nimbaro fixture weighs approximately 5.5 lbs.

Warranty

- Standard five-year limited warranty on all parts. cooperlighting.com/legal.

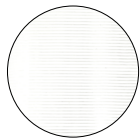
Compliance

- Components are UL recognized and luminaires are cULus listed for 25°C ambient environments. Damp Location listed.
- Filament material is UL certified.
- BAA compliant options available.
- RoHS compliant.
- ISCC certified (for 3D printed materials). PrentaLux products will convert to printing our 3D parts with over 75% recycled or bio-circular materials (using an ISCC certified mass balance approach). Bio-circular materials are raw materials from ISCC Plus certified waste streams and residues including tall oils from the wood processing industry or used cooking oil from the food processing industry.
- Not to be installed in food prep areas and hazardous environments which may expose the product to pollutants such as oil, grease, or VOCs.
- Not for installations in locations such as gymnasiums, arenas, sports complexes, multi-purpose rooms, and any other locations where the fixture potentially will be subject to impacts from external sources.

Sustainability Specifications

- PrentaLux 3D printed parts are produced with at least 75% recycled or bio-circular materials (using an ISCC certified mass balance approach).
- ISCC certified. Certification applies only to 3D printed material.

Shade Color



TRWH - Translucent White

Shade Textures



LF - Layered Fine



NL - Natural Lines



NR - Natural Ribs



WO - Woven Oval

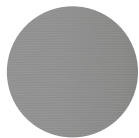
Standard Finial and Canopy Colors



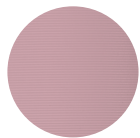
WHT - White



BLAK - Black



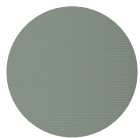
GRAY - Gray



ROSE - Rose



CAPP - Cappuccino



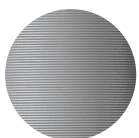
SAGE - Sage



BRNZ - Bronze



BRSS - Brass



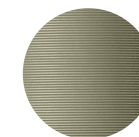
SLVR - Silver

On-Demand Colors

These additional color offerings for finial and canopy may have extended lead times and/or additional costs. Please consult factory.



ENGR - Enamel Green



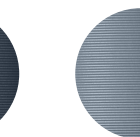
MEGR - Metallic Green



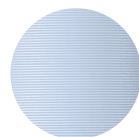
MCHA - Matcha



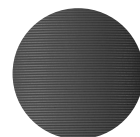
STBL - Steel Blue



MEBL - Metallic Blue



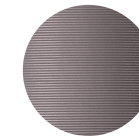
MYBL - Misty Blue



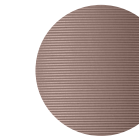
DKGY - Dark Gray



STBR - Stone Brown



MEPU - Metallic Purple



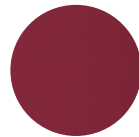
RGLD - Rose Gold



CITR - Citrona



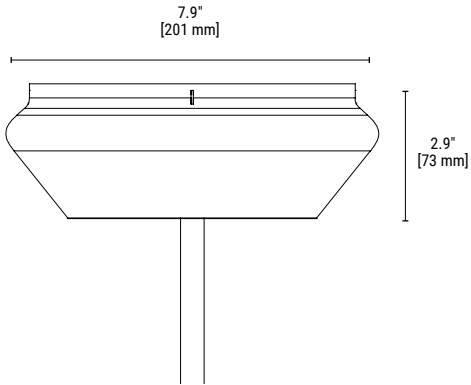
CRWH - Cream White



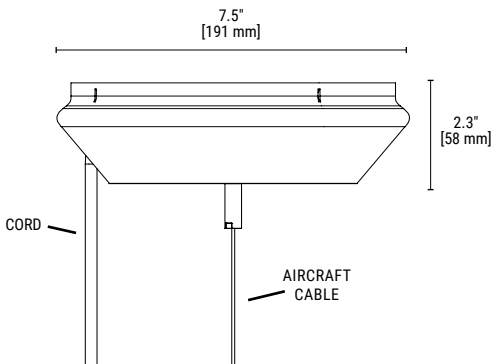
BURG - Burgundy

Mounting - Canopy Options

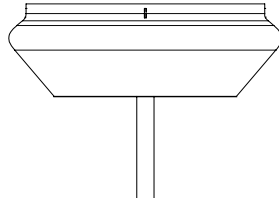
Rigid Stem Canopy



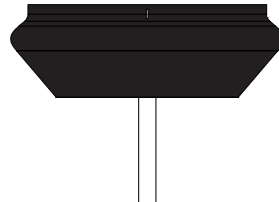
Aircraft Cable Canopy



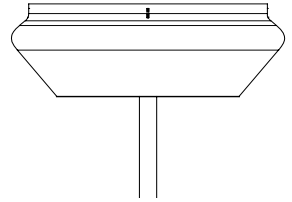
Canopy Colors



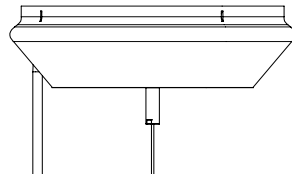
DW = Disk - White



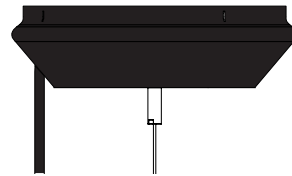
DB = Disk - Black



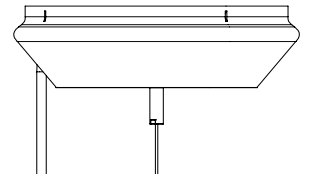
DC = Disk - Matches
Finial Color



DW = Disk - White



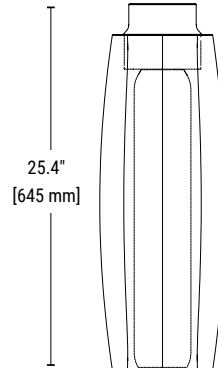
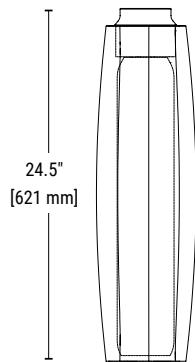
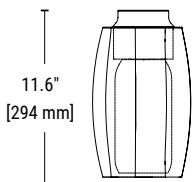
DB = Disk - Black



DC = Disk - Matches
Finial Color

Diffuser

Shown in small, medium and large sizes.



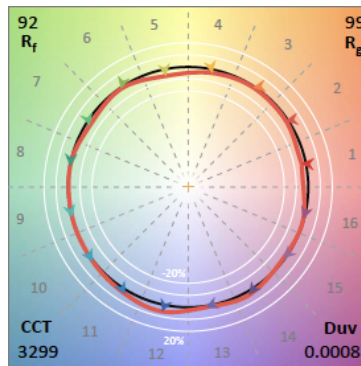
Photometric Data - Nimbaro - Small

PRENTALUX - NIMBARO - SMALL - @ 3500K / 90 CRI		
Light Level 12L		
Filename	PRLX-NIM-S-935-12L-U-LF.ies	
Test No.	P1245263	
Lumcat	PRLX-NIM-S-935-12L-U-LF	
Lumens	1305 Lm	
Input Watts	28.9 W	
Efficacy LPW	45.2 Lm/W	
CCT	3500K	
Spacing Criteria (0/90/45)	0.43 / 0.43 / 0.4	

Note: Refer to IES files for more product data.

Color Data (3500K)

		90CRI
TM-30	R _f	92.5
	R _g	98.6
CRI/CIE	R ₉	71.6



Lumen/Wattage/LPW Table - Nimbaro - Small

LUMEN Table per CRI, CCT, and Light Level			Nominal Lumens				WATTS (120V)	EFFICACY (Lm/W)			
CRI	CCT	LL	LF	NL	NR	WO		LF	NL	NR	WO
90	2700K	02L	243	215	234	226	6.3	39	34	37	36
		05L	507	448	489	471	11.1	46	40	44	42
		07L	742	657	716	690	16.2	46	41	44	43
		10L	952	841	917	884	21.3	45	39	43	42
		12L	1192	1054	1149	1107	28.9	41	36	40	38
	3000K	02L	258	228	248	239	6.3	41	36	39	38
		05L	537	475	518	499	11.1	48	43	47	45
		07L	787	696	759	731	16.2	49	43	47	45
		10L	1009	892	972	937	21.3	47	42	46	44
		12L	1263	1117	1218	1173	28.9	44	39	42	41
	3500K	02L	266	235	256	247	6.3	42	37	41	39
		05L	555	491	535	515	11.1	50	44	48	46
		07L	813	719	784	755	16.2	50	44	48	47
		10L	1042	921	1004	968	21.3	49	43	47	45
		12L	1305	1154	1258	1212	28.9	45	40	44	42
	4000K	02L	276	244	266	256	6.3	44	39	42	41
		05L	576	509	555	535	11.1	52	46	50	48
		07L	843	746	813	783	16.2	52	46	50	48
		10L	1081	956	1042	1004	21.3	51	45	49	47
		12L	1354	1197	1305	1257	28.9	47	41	45	43

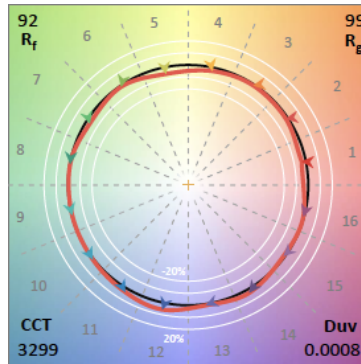
Photometric Data - Nimbaro - Medium

PRENTALUX - NIMBARO - MEDIUM - @ 3500K / 90 CRI		
Light Level 07L		
Filename	PRLX-NIM-M-935-07L-U-LF.ies	
Test No.	P1245183	
Lumcat	PRLX-NIM-M-935-07L-U-LF	
Lumens	772.3 Lm	
Input Watts	28.9 W	
Efficacy LPW	26.7 Lm/W	
CCT	3500K	
Spacing Criteria (0/90/45)	0.2 / 0.2 / 0.18	

Note: Refer to IES files for more product data.

Color Data (3500K)

		90CRI
TM-30	R _f	92.5
	R _g	98.6
CRI/CIE	R ₉	71.6



Lumen/Wattage/LPW Table - Nimbaro - Medium

LUMEN Table per CRI, CCT, and Light Level			Nominal Lumens				WATTS (120V)	EFFICACY (Lm/W)			
CRI	CCT	LL	LF	NL	NR	WO		LF	NL	NR	WO
90	2700K	01L	146	129	140	135	6.3	23	20	22	21
		03L	303	268	292	281	11.1	27	24	26	25
		04L	440	389	424	409	16.2	27	24	26	25
		06L	563	498	543	523	21.3	26	23	25	25
		07L	705	624	680	655	28.9	24	22	24	23
	3000K	01L	154	137	149	143	6.3	24	22	24	23
		03L	321	284	309	298	11.1	29	26	28	27
		04L	466	412	450	433	16.2	29	25	28	27
		06L	597	528	575	554	21.3	28	25	27	26
		07L	748	661	721	694	28.9	26	23	25	24
	3500K	01L	159	141	154	148	6.3	25	22	24	23
		03L	331	293	319	308	11.1	30	26	29	28
		04L	482	426	464	447	16.2	30	26	29	28
		06L	616	545	594	572	21.3	29	26	28	27
		07L	772	683	745	717	28.9	27	24	26	25
	4000K	01L	165	146	159	154	6.3	26	23	25	24
		03L	344	304	331	319	11.1	31	27	30	29
		04L	500	442	482	464	16.2	31	27	30	29
		06L	639	565	616	594	21.3	30	27	29	28
		07L	801	708	772	744	28.9	28	24	27	26

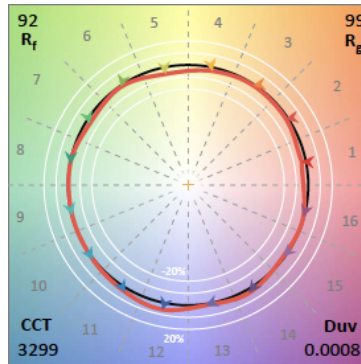
Photometric Data - Nimbaro - Large

PRENTALUX - NIMBARO - LARGE - @ 3500K / 90 CRI		
Light Level 27L		
Filename	PRLX-NIM-L-935-27L-U-LF.ies	
Test No.	P1245091	
Lumcat	PRLX-NIM-L-935-27L-U-LF	
Lumens	2901.1Lm	
Input Watts	69.4 W	
Efficacy LPW	41.8 Lm/W	
CCT	3500K	
Spacing Criteria (0/90/45)	0.19 / 0.19 / 0.18	

Note: Refer to IES files for more product data.

Color Data (3500K)

		90CRI
TM-30	R _f	92.5
	R _g	98.6
CRI/CIE	R ₉	70.2



Lumen/Wattage/LPW Table - Nimbaro - Large

LUMEN Table per CRI, CCT, and Light Level			Nominal Lumens				WATTS (120V)	EFFICACY (Lm/W)			
CRI	CCT	LL	LF	NL	NR	WO		LF	NL	NR	WO
90	2700K	02L	239	211	230	222	5.6	43	38	41	40
		05L	531	469	512	493	14.8	36	32	35	33
		09L	888	785	856	825	22.6	39	35	38	37
		12L	1223	1081	1179	1136	30.5	40	35	39	37
		16L	1578	1395	1521	1465	38.8	41	36	39	38
		20L	1952	1726	1881	1813	48.6	40	36	39	37
		23L	2291	2025	2208	2127	58.2	39	35	38	37
		27L	2649	2342	2553	2460	69.4	38	34	37	35
	3000K	02L	253	224	244	235	5.6	45	40	44	42
		05L	563	498	542	523	14.8	38	34	37	35
		09L	942	833	908	874	22.6	42	37	40	39
		12L	1296	1146	1250	1204	30.5	42	38	41	39
		16L	1673	1479	1613	1554	38.8	43	38	42	40
		20L	2069	1830	1995	1922	48.6	43	38	41	40
		23L	2428	2147	2341	2255	58.2	42	37	40	39
		27L	2808	2483	2707	2608	69.4	40	36	39	38
	3500K	02L	261	231	252	243	5.6	47	41	45	43
		05L	581	514	560	540	14.8	39	35	38	36
		09L	973	860	938	903	22.6	43	38	42	40
		12L	1339	1184	1291	1244	30.5	44	39	42	41
		16L	1728	1528	1666	1605	38.8	45	39	43	41
		20L	2137	1890	2060	1985	48.6	44	39	42	41
		23L	2508	2218	2418	2329	58.2	43	38	42	40
		27L	2901	2565	2796	2694	69.4	42	37	40	39
	4000K	02L	271	240	261	252	5.6	48	43	47	45
		05L	603	533	581	560	14.8	41	36	39	38
		09L	1009	892	972	937	22.6	45	39	43	41
		12L	1389	1228	1339	1290	30.5	46	40	44	42
16L		1792	1585	1728	1664	38.8	46	41	45	43	
20L		2217	1960	2137	2059	48.6	46	40	44	42	
23L		2602	2301	2508	2416	58.2	45	40	43	42	
27L		3009	2660	2900	2794	69.4	43	38	42	40	