PALADIA PERIMETER SERIES

Qty:

Type:

Project Name:

Catalog Number:

The PALADIA PERIMETER Series is an ADA-compliant, indirect perimeter fixture that effectively illuminates your space while reducing ceiling clutter.
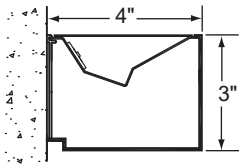
The PALADIA LED system is a flexible lighting solution available in four fascia styles to complement your designed space.

PALADIA can be mounted individually or in continuous rows, and includes available lit mitered connectors - for virtually unlimited pattern options.
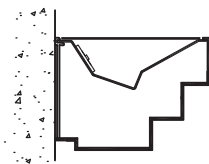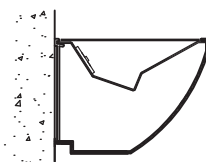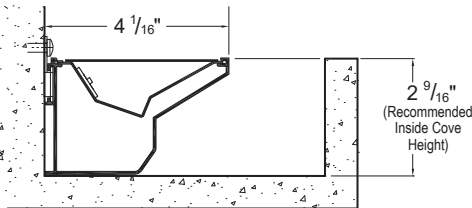
SPECIFICATIONS

PPSQ-HO or PPSQ-MO
SQUARE FASCIA

PPST-HO or PPST-MO
STEPPED FASCIA

PPCL-HO or PPCL-MO
CLASSICAL FASCIA

PPRD-HO or PPRD-MO
ROUND FASCIA

PPBC-HO or PPBC-MO
PALADIA BARE COVE

2 9/16" (Recommended Inside Cove Height)

4 1/16"

Fixture Wireway
Constructed of one-piece .060" thick extruded aluminum, finished with satin black enamel. Standard lengths are available up to 8' long in one-piece sections. Standard lengths are 2', 3', 4', 6', and 8'. Provisions may be made for continuous rows and patterns.

Front Fascia
One-piece .060" thick extruded aluminum available up to 8' long in one-piece sections.

Finish
Standard & premium finishes are baked powder coat electrostatically applied (2.0 mil minimum thickness.)

Optical Control
FDC - Frosted .060" thick polycarbonate dust cover - (Standard)

CL - Clear dust cover (Optional)

Reflector
.040" thick die-formed aluminum reflector finished with a high reflectance white enamel.

Driver (Standard)
Power supply is UL/CUL recognized, 0-10V dimming available, 120 thru 277V universal voltage.

Driver (Tunable White)
EldoLED power supply is UL recognized, and is available for DALI, 0-10V or DMX protocols.

Light Engines/Color Temps./CRI
LED light sources are available for the following Co-ordinated Color Temperatures (CCT):
Standard: 2700K, 3000K, 3500K, 4000K, & 5000K
Tunable White: Variable CCT range from 2700K thru 6500K.

Color Rendering Index (CRI): Standard: 80
Optional: 90

Warranty
10-year limited warranty. No other warranty is expressed or implied. Complete warranty terms can be accessed by visiting:
https://pal-lighting.com/company/warranty

Revit Files
Revit model (BIM) files for the Paladia Series are available by visiting:
PAL_Paladia_Revit_Content.zip

Certifications
Fixtures are ETL listed for use in 'Dry or Damp Applications'. Fixtures conform to UL Standard #1598 and to CAN/CSA #C22.2NO.250.0

PALADIA - Performance Data

Standard Lumen Outputs Available *Using Standard Frosted Dust Cover - (FDC)	Standard High Output - (HO)	Standard Medium Output - (MO)
Delivered Lumens/Foot - Standard	904	615
Input Watts/Foot - Standard	7	5
Lumens/Watt - (Efficacy) - Standard	130	134
Custom Lumen Outputs Available		
Custom Lumens/Ft - Minimum thru Maximum Available*	480 thru 1150	

Notes:
- Data listed above is based on using 4000K CCT and 80 CRI LED modules.
- *PAL uses fully programmable drivers. Custom outputs (CO) are available. Contact *specs@pallighting.com* for more information. All values are based on calculated LM-79 photometric reports.

PAL ARCHITECTURAL

4830 Timber Creek Dr.
Houston, TX 77017
pal-lighting.com
(713) 946-4343

PALADIA PERIMETER SERIES

ORDERING GUIDE

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Series		Outputs		Color Temperature (CCT)		Color Rendering		Fixture Lengths	
PPSQ	Paladia Square	HO	High Output (Frosted D.C.) 3616 Total Del'd Lumens	K27	2700 Kelvin	80	80 CRI	2'	2 Ft
PPST	Paladia Stepped	MO	Medium Output (Frosted D.C.) 2461 Total Del'd Lumens	K30	3000 Kelvin	90	90 CRI	3'	3 Ft
PPCL	Paladia Classical	HO	High Output (Clear D.C.) 4024 Total Del'd Lumens	K35	3500 Kelvin			4'	4 Ft
PPRD	Paladia Round	MO	Medium Output (Clear D.C.) 2733 Total Del'd Lumens	K40	4000 Kelvin			6'	6 Ft
PPBC	Paladia Bare Cove			K50	5000 Kelvin			8'	8 Ft
		CO _____ ** Custom Output **Enter requested Lumens/Ft		TW	2700K thru 6500K (Tunable White)			XX' : For continuous or custom row lengths, specify fixtures in increments to the nearest foot. Example: 13'	
								Blank	Leave blank if ordering lit Connectors

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Lit Connectors		Mounting		Finishes				Voltage		Drivers - Dimming [2,4]		Drivers - Tunable White	
C90I	90 Degree Inside Miter	W	Wall Mount	F01M	Matte White (Standard)			120	120V	DIM0	Dimming 100% to 0%	DALI	DALI protocol driver - (TW) [7] EldoLED DUALdrive
C90O	90 Degree Outside Miter			F01G	Gloss White	F11G	Gloss Black	277	277V	DIM1	Dimming 100% to 1%	0-10V	0-10V protocol driver - (TW) [7] EldoLED DUALdrive
C__I	Custom Degree Inside Miter			F02	Ivory	F11M	Matte Black	UNV	Universal Voltage (120V thru 277V)	DIM5	Dimming 100% to 5%	DMX	DMX protocol driver - (TW) [7] EldoLED POWERdrive
C__O	Custom Degree Outside Miter			F03	Stonewash	F11T	Texture Black	347	347V	DIM10	Dimming 100% to 10%		
				F04	Camel	F12	Ultrasonic Clear			SD	Step-Dimming System		
				F05	Gray Day	F13	Merlot						
				F06	Pebble Beach	F14	Red Skies						
				F07	Steel	F15	Lemon						
				F08	Gray Seal	F16	Forest Hunter						
				F09	Mocha	F20	Blue Print						
				F10	Bronzed	F21	Reflex Blue						
						F22	Navy						
				FCC	Custom Color Match Provide RAL Color# ____								

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Optical Control		Sensor Options		Emergency Options		Control Systems [9]	
FDC	Frosted Dust Cover	OCC	Occupancy/Motion Sensor [8] (Integral Mount)	NLCKT	Night-Light Circuit (Common Neutral)	CS	CASAMBI Blue-Tooth Wireless System
CL	Clear Dust Cover	DS	Daylight/Photocell Sensor [8] (Integral Mount)	EMCKT	Emergency Circuit (Sep. Hot & Neutral)	nLIGHT	nLight Enabled
				EBPHST	Emergency Battery Pack - 10 Watt [5] Self-Testing. (Integral Mount)	nLAIR	nLight Air (Wireless Enabled)
				GTD	Generator Transfer Device (Integral Mount)		

Notes:

1. All fixtures are factory pre-wired for a single circuit. Provisions for multiple switching/circuiting is optional.
2. Unless otherwise requested, all fixtures contain integral-mount "power-on-board" drivers.
3. All fixtures intended for continuous rows are provided with factory installed quick-connect wiring.
4. Standard power supply (driver) is UL/CUL recognized, & is available w/0-10V dimming capability & 120 - 277 universal voltage.
5. Standard emergency battery pack is a 10 Watt constant power, self-testing, UL 924 listed pack from Iota Engineering - providing 1000 lumens of light for approximately 90 minutes. Battery packs are integral mounted unless otherwise notified. *Note: Remote mounted battery packs are not wet location listed.
6. Custom length fixtures and fixtures rows may require a longer lead time. Contact specs@pallighting.com for more information.

7. Tunable White power supply by EldoLED is UL recognized, and is compatible with DALI, DMX, and 0-10V protocols.
8. Unless otherwise specified, PAL routinely uses the following integral-mount sensors:
   A. nLight AIR #rES7 sensor by nLight/Acuity Brands
   B. Vertex sensor by SensorSwitch/Acuity Brands
   C. SensiLUM sensor by Encelium/LeGrand
   D. FS-205 and FD-301 sensors by WattStopper/Legrand
   Sensors listed above are either occupancy/motion type, daylight/photocell type, or are a combination of the two.
9. Other control systems are available. Questions? Contact specs@pallighting.com for more information.

STANDARD FIXTURE LENGTHS & MOUNTING CENTERS

PPSQ — 4", 3 1/8"

PPCL — 4", 3"

PPRD — 4", 3"

PPST — 4", 3"

PPBC — 4 1/16", 2 9/16"

DIM. "B"
DIM. "A"
DIM. "C"
*End Cap (See Note Below)
1/4" ø Mounting Hole - Typ.
1 1/4" ø Feed Hole - Typ.
C.L.

DIM. "B"
DIM. "A"
DIM. "D" DIM. "D" DIM. "D"
C.L.
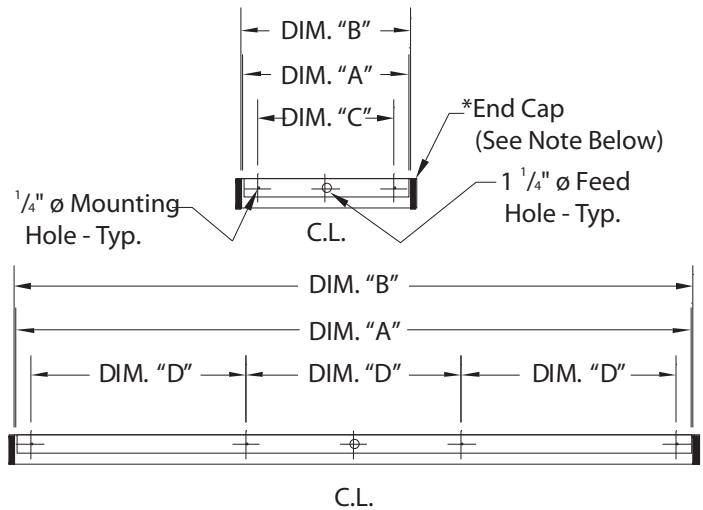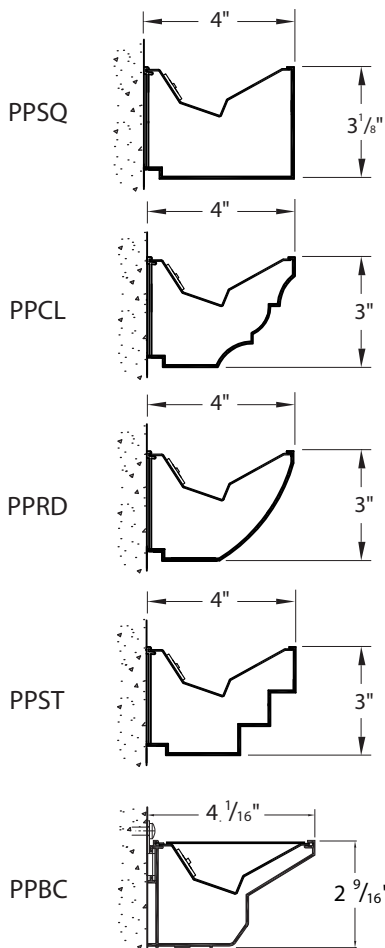
FIXTURE LENGTH		MOUNTING CENTERS	
DIM 'A' (WW LGTH)	DIM 'B' (*FASCIA LGTH)	DIM 'C'	DIM 'D'
24" (Nom. 2 ft.)	24 1/4"	18"	--------
36" (Nom. 3 ft.)	36 1/4"	30"	--------
48" (Nom. 4 ft.)	48 1/4"	42"	--------
72" (Nom. 6 ft.)	72 1/4"	--------	22"
96" (Nom. 8 ft.)	96 1/4"	--------	30"
144" (Nom. 12 ft.)	144 1/4"	--------	42"

*Does not include fascia end caps.

REFLECTOR

WIREWAY DIM. (SEE ABOVE)
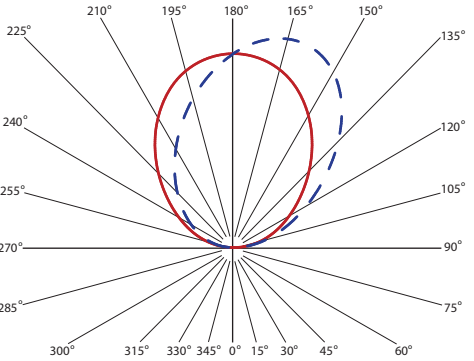
FIXTURE WIREWAY

END CAP*

FASCIA
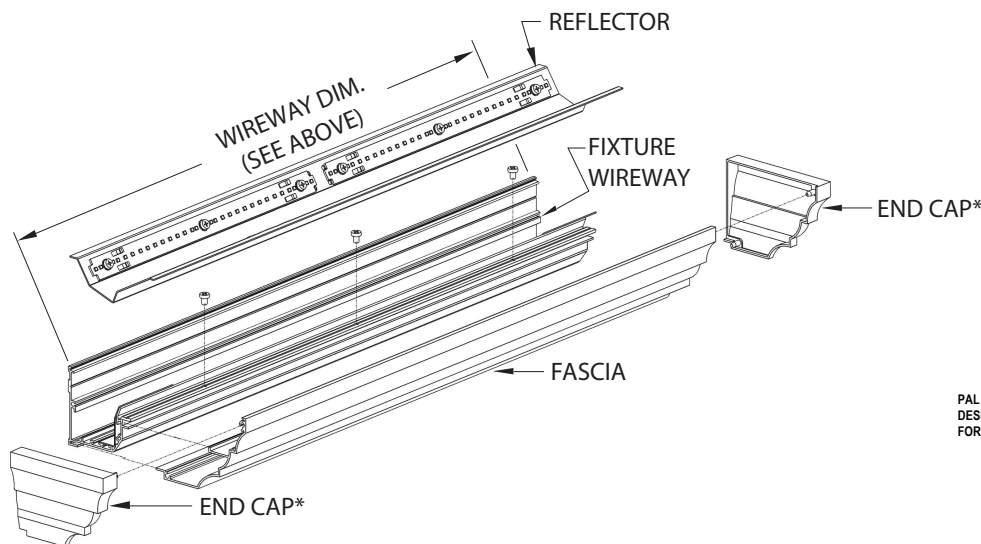
END CAP*

PAL RESERVES THE RIGHT TO CHANGE PRODUCT DESIGN AND SPECIFICATIONS. CONTACT FACTORY FOR MOST RECENT PRODUCT INFORMATION.

*Note: End caps are used whenever the fixture or fixture row does not terminate against a wall or into a corner.
Add 5/8" per End Cap to the overall length of fixture or fixture row. (1 1/4" total for 2 End Caps)

PALADIA PERIMETER SERIES

PHOTOMETRY / LIGHT DISTRIBUTIONS

PPSQ/PPST/PPCL/PPRD/PPBC

DLC LISTED

Wall Mount
Indirect - Frosted Dust Cover on Top
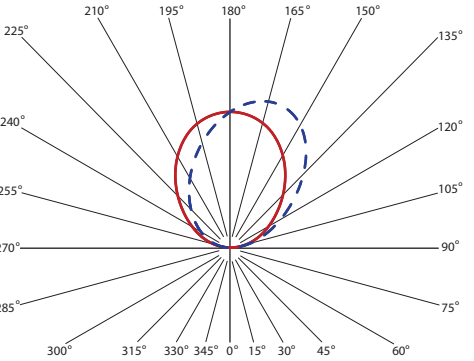**High Output**

Catalog Number:
PPXX-HO-K40-80-4'-W-120-FDC

Report Number:
#LLIA000817-004.ies

Total Delivered Lumens: 3616

Total Efficacy: 130.2 Lms/W

Input Power per 4': 27.8 Watts

100% Up

Color Rendering Index (CRI) = 84

To see the complete photometric report, visit:
Click Here

LEGEND: 0-deg (dashed)
90-deg (solid red)

PPSQ/PPST/PPCL/PPRD/PPBC

DLC LISTED

Wall Mount
Indirect - Frosted Dust Cover on Top
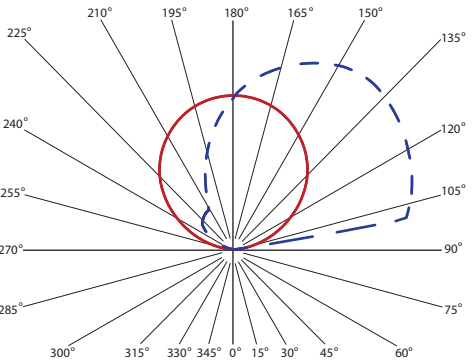**Medium Output**

Catalog Number:
PPXX-MO-K40-80-4'-W-120-FDC

Report Number:
#LLIA000817-002.ies

Total Delivered Lumens: 2461

Total Efficacy: 133.6 Lms/W

Input Power per 4': 18.4 Watts

100% Up

Color Rendering Index (CRI) = 84

To see the complete photometric report, visit:
Click Here

LEGEND: 0-deg (dashed)
90-deg (solid red)

PPSQ/PPST/PPCL/PPRD/PPBC

DLC LISTED

Wall Mount
Indirect - Clear Acrylic Dust Cover on Top
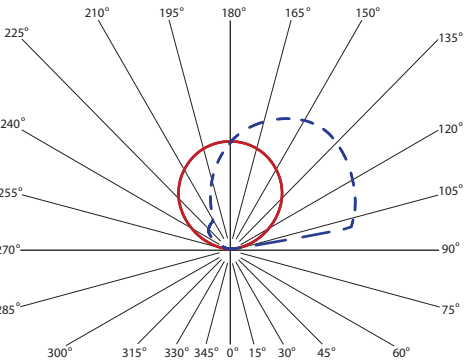**High Output**

Catalog Number:
PPXX-HO-K40-80-4'-W-120-CL

Report Number:
#LLIA000817-003.ies

Total Delivered Lumens: 4024

Total Efficacy: 144.8 Lms/W

Input Power per 4': 27.8 Watts

100% Up

Color Rendering Index (CRI) = 84

To see the complete photometric report, visit:
Click Here

LEGEND: 0-deg (dashed)
90-deg (solid red)

PPSQ/PPST/PPCL/PPRD/PPBC

DLC LISTED

Wall Mount
Indirect - Clear Acrylic Dust Cover on Top
Medium Output

Catalog Number:
PPXX-MO-K40-80-4'-W-120-CL

Report Number:
#LLIA000817-001.ies

Total Delivered Lumens: 2733

Total Efficacy: 148.2 Lms/W

Input Power per 4': 18.4 Watts

100% Up

Color Rendering Index (CRI) = 84

To see the complete photometric report, visit:
Click Here

LEGEND: 0-deg (dashed)
90-deg (solid red)

MADE IN AMERICA