mere™ spec sheet 90CRI

driver housing / power head
4" dia. extruded aluminum with silver anodized or black anodized finish, acts as heat sink as well.
also available in painted finishes listed below.

diffuser
6" dia. .100" Satinice white, optimum light diffusion, acrylic cylinder.

optics
340° omnidirectional silicone optic.

bottom lens (optional)
P95 frosted acrylic bottom lens solvent welded to bottom of cylindrical diffuser.

LED module
COB array in 2700K, 3000K, 3500K, or 4000K. (call factory for 5000K) 90+ cri standard. under normal operating conditions, the LEDs employed are rated for >50,000hrs L70 (6.8K) per IES TM-21 from LM-80 test data.

driver
integral, programmable, UL class P, class 2, universal input (120-277v), constant current, 0-10v dimming, 1% minimum dimming level, PF >.9, THD <20%, protections include open and short circuit, overload and over temperature.

mounting
5" dia. spun steel canopy in satin white with single or optional dual stainless steel cables and field adjustable grippers that allow for exact AFF mounting heights.

premium mountings
colored cloth cord (optional)
extruded aluminum canopy painted to match fixture. ultrathin vertical stainless steel cable and field adjustable gripper that allow for exact AFF mounting heights. cloth-covered power cord color options listed below. cord requires special stripping tool (link).
power over cable (optional)
extruded aluminum canopy painted to match fixture. Class 2 LED powered suspension system that suspends and powers the fixture with thin stainless steel copper-core conductive cables, providing a clean look without the need for a separate power cord. powered suspension requires cable cutter (link) specifically designed to cut stainless steel aircraft cable from 1/32" to 1/8".
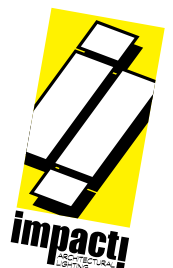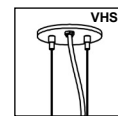
emergency
recommend use of inverter (by other). optional WREM: wired for remote EM battery (by other). if using WHPC, SBPC, or BKPC cords, 2nd power cord required.
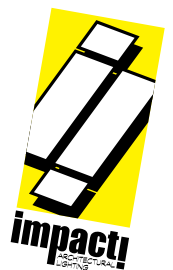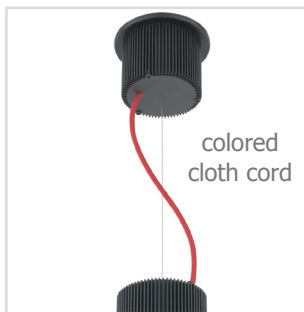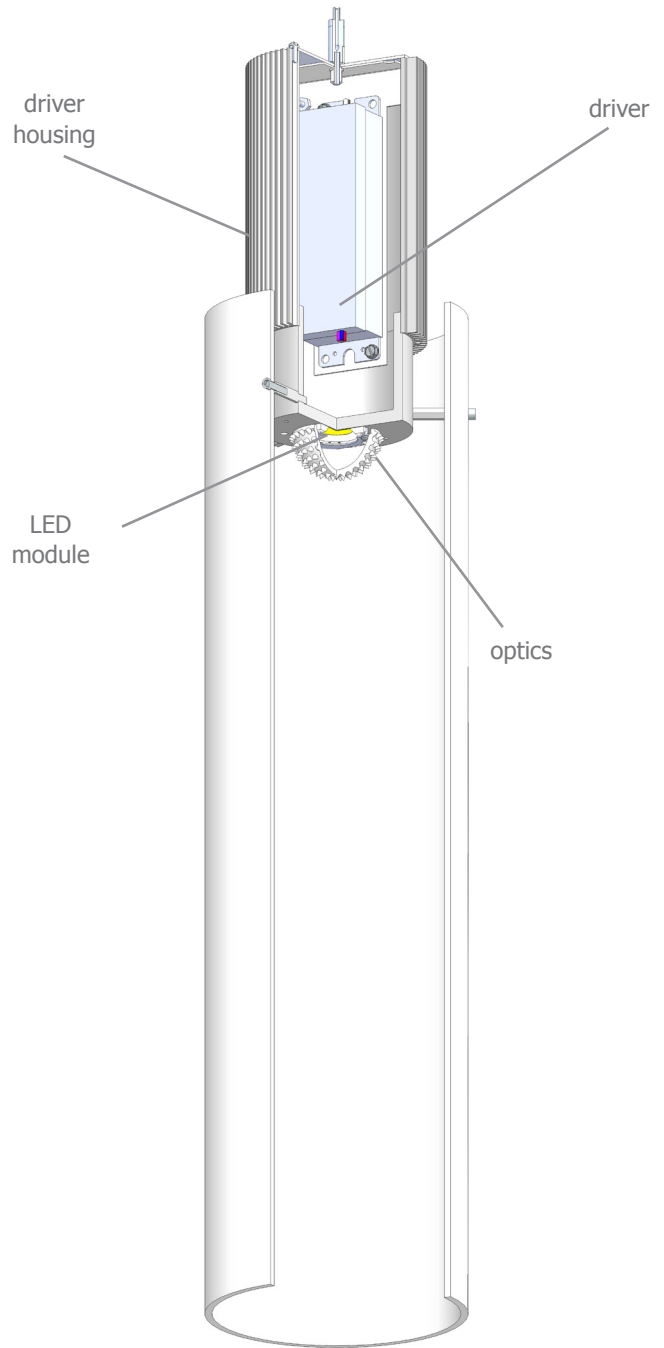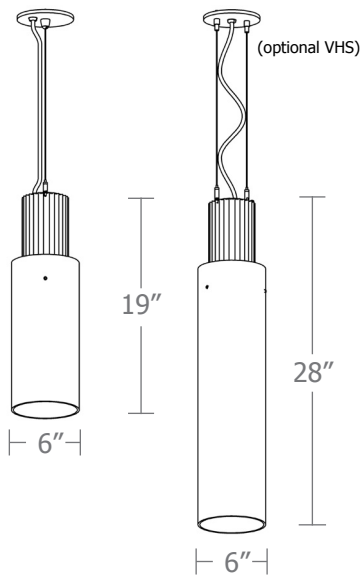
catalog number

size	CCT	lumens	anodized finishes	power cord	options
P2519 6"dia X 19"ht	**27** 2700K	**FX** 1535 lm	**AN** silver anodized	**WHPC** white power cord and canopy	**3FT** 36" cable
	30 3000K	**LO** 2165 lm	**ANB** anodized black	**BKPC** black power cord and canopy	**6FT** 72" cable
P2528 6"dia X 28"ht	**35** 3500K	**HI** 2980 lm	**painted finish**	**SBPC** silver braid power cord and white canopy	**12FT** 144" cable* *not available with premium power cords
	40 4000K	**HX** 3790 lm	**BS** brass		**BL** frosted acrylic bottom lens, solvent welded.
		CL* xxxx lm *custom lumens consult factory	**BU** blue	**premium** (driver canopy required) (not available w/ 12ft option)	**VHS** 2-point vertical hanging system
			BZ bronze	**BUPC** blue cloth cord	**WREM** wired for remote EM battery pack (by other) (see note above)
			CP champagne	**ORPC** orange cloth cord	**ELD** EldoLED**
			GM gun metal	**PLPC** purple cloth cord	**LUT** Lutron**
			MB military blue	**RDPC** red cloth cord	**consult factory
			MW matte white	**WGPC** white & gray dot cloth cord	
			OR orange		
			RD red	**POC** power over cable	
			SS satin silver		
			TG textured gray		
			YO yellow		
			premium finish		
			RAL specify RAL#		

ETL LISTED c us Intertek **DRY / DAMP**

made in the **USA!**

VHS

impact! ARCHITECTURAL LIGHTING

(optional VHS)

19″

28″

6″

6″

POC

colored
cloth cord

driver
housing

driver

LED
module

optics

impact!

Calculation Table

The application of a Light Loss Factor is required to:

- match the lumen output for the power module specified

- incorporate the increased lumen output due to LED/Driver upgrades

| Cat No	Delivered Lumens*	Watts 120V / 277V	IES File #	LLF to be applied
P2519 FX	1535	14	17553	.82
P2519 LO	2165	20	17553	1.15
P2519 HI	2980	29	17553	1.59
P2519 HX	3790	38	17553	2.02
P2528 FX	1535	14	17558	.51
P2528 LO	2165	20	17558	.71
P2528 HI	2980	29	17558	.98
P2528 HX	3790	38	17558	1.25

*delivered lumens based on 4000K, 90+ cri
optional botton lens multiplier .90
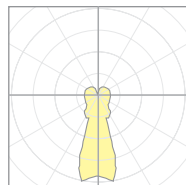
17553
P2519-40LO
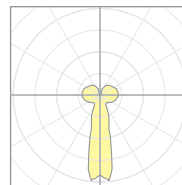
17558
P2528-40HI
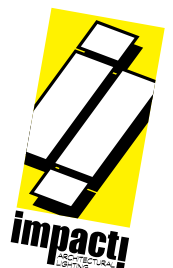
Typical Lighting Layout
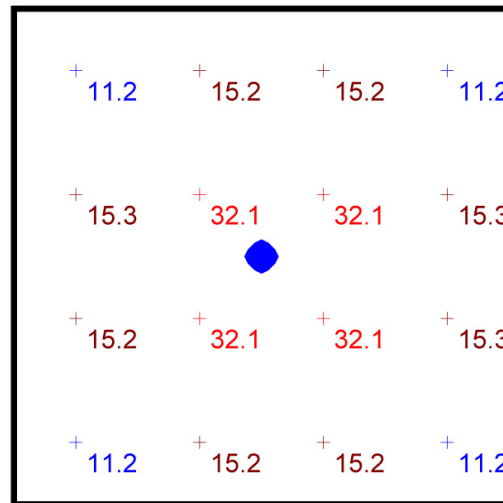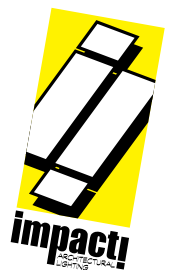
Schedule

Symbol	QTY	Manufacturer	Catalog Number	Description	Lamp	Wattage
◯	1	Impact Architectural Lighting	P2519 40 HI	6" dia. x 19"h pendant mere luminaire	4000k 90cri LED	29

- 8' x 8' x 10'H space

- 80/50/20 reflectances

- bottom of fixture at 8' aff

- FC readings at 2.5' aff

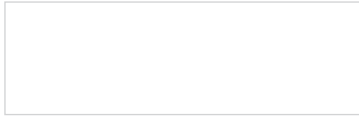- layout conducted using P2519 with HI lumen 90 CRI package providing 2980 delivered lumens

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
mere	+	18.4 fc	32.1 fc	11.2 fc	2.9:1	1.6:1

```
+ 11.2    + 15.2    + 15.2    + 11.2

+ 15.3    + 32.1    + 32.1    + 15.3
                ◆
+ 15.2    + 32.1    + 32.1    + 15.3

+ 11.2    + 15.2    + 15.2    + 11.2
```

Plan View
Scale - 1" = 2ft

Powder Coat Paint Finishes

MW   matte white
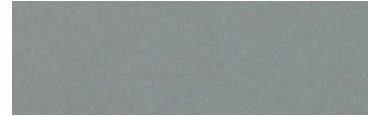
SS   satin silver

TG   textured gray

CP   champagne
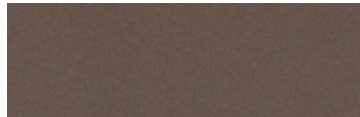
BZ   bronze
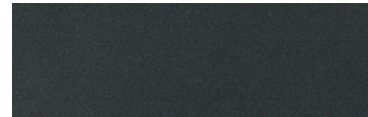
GM   gun metal

OR   orange   2011

BU   blue   5017

BS   brass

RD   red   3020

YO   yellow   1018

MB   military blue

For accurate color verification, actual finish samples are available upon request.

Premium Finishes*

RAL#

*Available on select series. Consult product submittal for availability.