8" imago ii™ spec sheet 90CRI

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

reflector
.064 spun aluminum parabolic reflector with rolled bottom edge for added strength and anodized paint finish, held in place with socket cap screws. includes highly reflective matte white segmented internal insert for optimal fixture efficiency.

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 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".
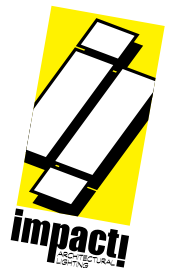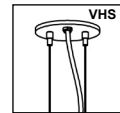
emergency
recommend use of inverter (by other). optional WREM: wired for remote EM battery (by other). if using WHPC, SBPC or BKPC cords, 2nd power cord required.

catalog number

P3108					

size	CCT	lumens	anodized finishes	power cord	options
P3108 8"dia X 17.5"ht	**27** 2700K	**FX** 1630 lm	**AN** silver anodized	**WHPC** white power cord and canopy	**3FT** 36" cable
See p.2 & 3 for info on P3112 & P3116	**30** 3000K	**LO** 2300 lm	**ANB** anodized black	**BKPC** black power cord and canopy	**6FT** 72" cable
	35 3500K	**HI** 3165 lm	**painted finish**	**SBPC** silver braid power cord and white canopy	**12FT** 144" cable* *not available with premium power cords
	40 4000K	**HX** 4025 lm	**BS** brass		
		CL* xxxx lm *custom lumens consult factory	**BU** blue	**premium** (driver canopy required) (not available w/ 12ft option)	**BL** frosted acrylic bottom lens
			BZ bronze	**BUPC** blue cloth cord	**PTRSB** Painted reflector satin black finish
			CP champagne	**ORPC** orange cloth cord	**VHS** 2-point vertical hanging system
			GM gun metal	**PLPC** purple cloth cord	**WREM** wired for remote EM battery pack (by other) (see note above)
			MB military blue	**RDPC** red cloth cord	**ELD** EldoLED**
			MW matte white	**WGPC** white & gray dot cloth cord	**LUT** Lutron** **consult factory
			OR orange	**POC** power over cable	
			RD red		
			SS satin silver		
			TG textured gray		
			YO yellow		
			premium finish **RAL** specify RAL#		

12" imago ii™ spec sheet 90CRI

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

reflector
.064 spun aluminum parabolic reflector with rolled bottom edge for added strength and anodized paint finish, held in place with socket cap screws. includes highly reflective matte white segmented internal insert for optimal fixture efficiency.

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 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".
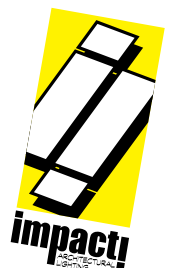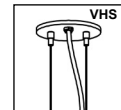
emergency
recommend use of inverter (by other). optional WREM: wired for remote EM battery (by other). if using WHPC, SBPC or BKPC cords, 2nd power cord required.

catalog number

P3112					
size	**CCT**	**lumens**	**anodized finishes**	**power cord**	**options**

size
P3112
12"dia X 21"ht

See p.3 for info on P3116

CCT
27 2700K
30 3000K
35 3500K
40 4000K

lumens
FX 1630 lm
LO 2300 lm
HI 3165 lm
HX 4025 lm
CL* xxxx lm
*custom lumens consult factory

anodized finishes
AN silver anodized
ANB anodized black

painted finish
BS brass
BU blue
BZ bronze
CP champagne
GM gun metal
MB military blue
MW matte white
OR orange
RD red
SS satin silver
TG textured gray
YO yellow

premium finish
RAL specify RAL#

power cord
WHPC white power cord and canopy
BKPC black power cord and canopy
SBPC silver braid power cord and white canopy

premium
(driver canopy required)
(not available w/ 12ft option)
BUPC blue cloth cord
ORPC orange cloth cord
PLPC purple cloth cord
RDPC red cloth cord
WGPC white & gray dot cloth cord
POC power over cable

options
3FT 36" cable
6FT 72" cable
12FT 144" cable*
*not available with premium power cords

BL frosted acrylic bottom lens
PTRSB Painted reflector satin black finish
VHS 2-point vertical hanging system
WREM wired for remote EM battery pack (by other) (see note above)
ELD EldoLED**
LUT Lutron**
**consult factory

VHS

ETL Listed c us
Intertek
DRY / DAMP

made in the USA!

impact! ARCHITECTURAL LIGHTING

16" imago ii™ spec sheet 90CRI

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

reflector
.064 spun aluminum parabolic reflector with rolled bottom edge for added strength and anodized paint finish, held in place with socket cap screws. includes highly reflective matte white segmented internal insert for optimal fixture efficiency.

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 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".
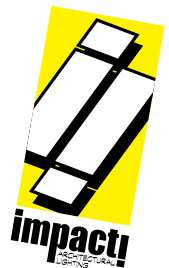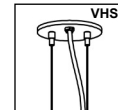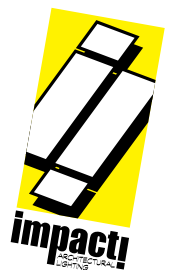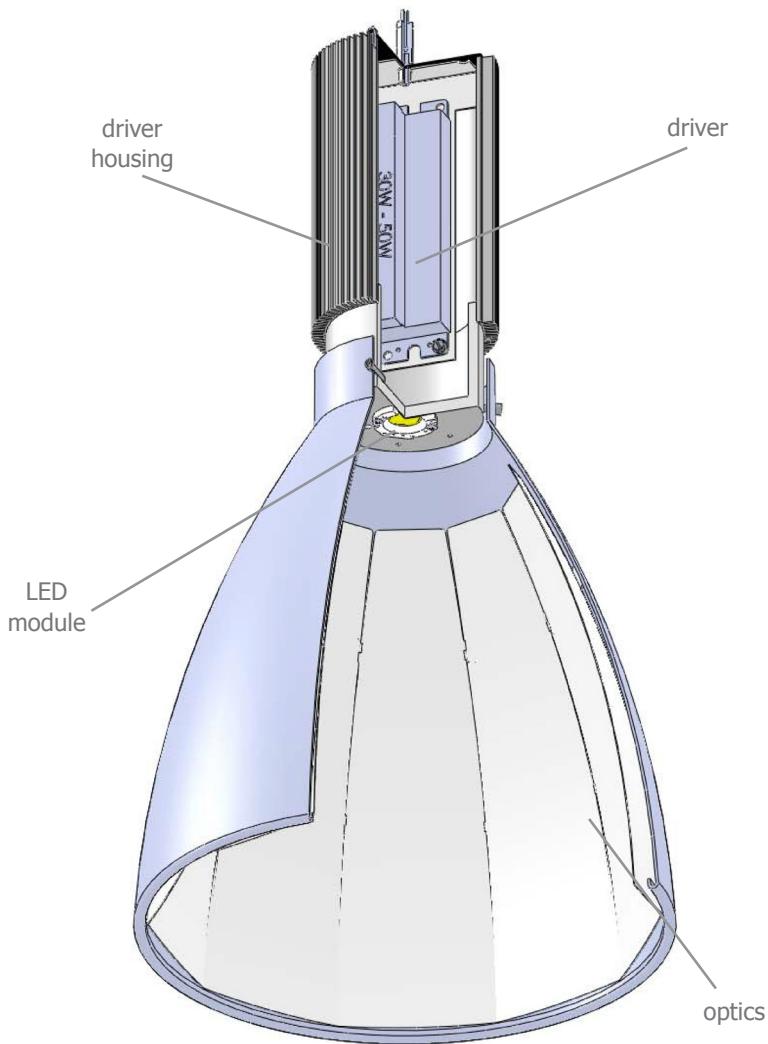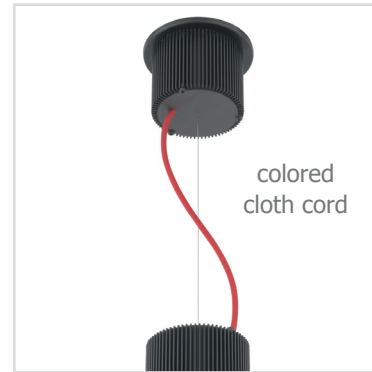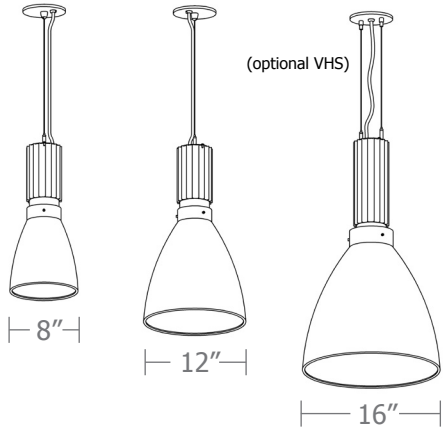
emergency
recommend use of inverter (by other). optional WREM: wired for remote EM battery (by other). if using WHPC, SBPC, or BKPC cords, 2nd power cord required.

catalog number

P3116					

size	CCT	lumens	anodized finishes	power cord	options
P3116 16"dia X 28"ht	**27** 2700K	**FX** 2120 lm	**AN** silver anodized	**WHPC** white power cord and canopy	**3FT** 36" cable
	30 3000K	**LO** 3000 lm	**ANB** anodized black	**BKPC** black power cord and canopy	**6FT** 72" cable
	35 3500K	**HI** 3900 lm	**painted finish**	**SBPC** silver braid power cord and white canopy	**12FT** 144" cable* *not available with premium power cords
	40 4000K	**HX** 5025 lm	**BS** brass		
		CL* xxxx lm *custom lumens consult factory	**BU** blue	**premium** (driver canopy required) (not available w/ 12ft option)	**BL** frosted acrylic bottom lens
			BZ bronze	**BUPC** blue cloth cord	**PTRSB** Painted reflector satin black finish
			CP champagne	**ORPC** orange cloth cord	**VHS** 2-point vertical hanging system
			GM gun metal	**PLPC** purple cloth cord	**WREM** wired for remote EM battery pack (by other) (see note above)
			MB military blue	**RDPC** red cloth cord	**ELD** EldoLED**
			MW matte white	**WGPC** white & gray dot cloth cord	**LUT** Lutron** **consult factory
			OR orange	**POC** power over cable	
			RD red		
			SS satin silver		
			TG textured gray		
			YO yellow		
			premium finish **RAL** specify RAL#		

VHS

impact! ARCHITECTURAL LIGHTING

(optional VHS)

8"

12"

16"

driver
housing

driver

LED
module

optics

colored
cloth cord

POC

BL

specifications
subject
to change   rev. 05/05/2022

© 2022

impact!
ARCHITECTURAL
LIGHTING

Typical Lighting Layout

Schedule						
Symbol	**QTY**	**Manufacturer**	**Catalog Number**	**Description**	**Lamp**	**Wattage**
○	1	Impact Architectural Lighting	P3116 40 HX	16" dia. pendant imago.ii luminaire w/ open bottom	4000k 90cri LED	68

- 10' x 10' x 14'H space

- 80/50/20 reflectances

- bottom of fixture at 12' aff

- FC readings at 2.5' aff

- layout conducted using 16" dia. unit with HX lumen 90 CRI package providing 5025 delivered lumens

Statistics						
Description	**Symbol**	**Avg**	**Max**	**Min**	**Max/Min**	**Avg/Min**
imago.ii	+	33.4 fc	53.5 fc	16.4 fc	3.3:1	2.0:1

```
+        +        +        +        +
16.7     29.3     33.3     29.9     17.1

+        +        +        +        +
28.8     39.7     45.5     40.5     30.4

+        +        +        +        +
32.7     44.9     53.5     46.2     33.8

+        +        +        +        +
28.7     39.6     45.5     40.6     30.5

+        +        +        +        +
16.4     29.2     33.3     30.1     17.6
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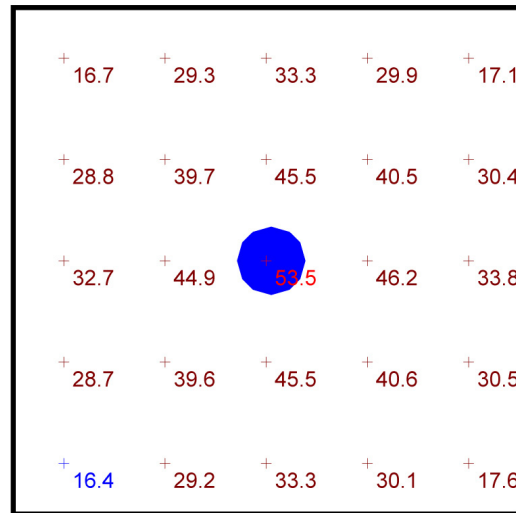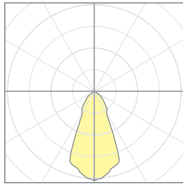
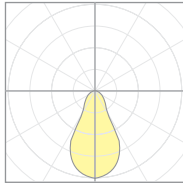**Plan View**
Scale - 1" = 2ft
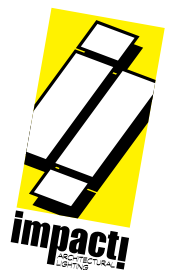
Calculation Table

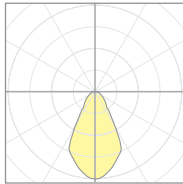The application of a Light Loss Factor is required to:

- match the lumen output for the power module specified
- incorporate the increased lumen output due to LED/Driver upgrades


19344
P3108-40HI

19353
P3112-40HI

19274
P3116-40HI

Cat No	Delivered Lumens*	Watts 120V / 277V	IES File #		LLF to be applied
P3108 FX	1630	17	**17551**	open	1.22
			17552	lensed	1.49
P3108 LO	2300	24	**17551**	open	1.72
			17552	lensed	2.10
P3108 HI	3165	34	**19344**	open	1.27
			19345	lensed	1.23
P3108 HX	4025	44	**19344**	open	1.61
			19345	lensed	1.56
P3112 FX	1630	17	**19353**	open	1.01
			19353	lensed	.91
P3112 LO	2300	24	**19353**	open	1.43
			19353	lensed	1.28
P3112 HI	3165	34	**19353**	open	1.96
			19353	lensed	1.77
P3112 HX	4025	44	**19353**	open	2.50
			19353	lensed	2.25
P3116 FX	2120	20	**19274**	open	.77
			19275	lensed	.71
P3116 LO	3000	29	**19274**	open	1.08
			19275	lensed	1.00
P3116 HI	3900	40	**19274**	open	1.41
			19275	lensed	1.31
P3116 HX	5025	54	**19273**	open	1.12
			19275	lensed	1.68

*delivered lumens based on 4000K, 90+ cri
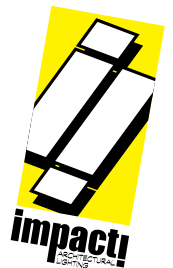
Powder Coat Paint Finishes
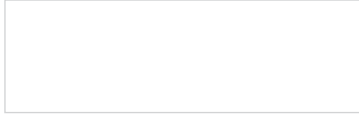
MW   matte white

SS   satin silver
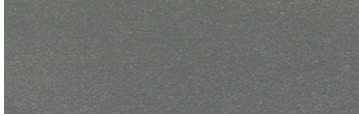
TG   textured gray

CP   champagne
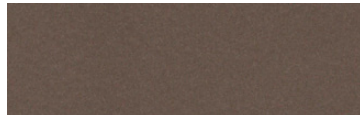
BZ   bronze
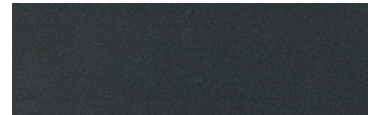
GM   gun metal

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.