

job name:
 type:

8" bul.it.hlz™ spec sheet 90CRI

material

housing
 whimsical, playful hole pattern varies from fixture to fixture. precision CNC spun .063" aluminum parabolic housing with rolled bottom edge for added strength.

array platform

.080" spun aluminum.

bottom lens (optional)

.125" P95 frosted acrylic flat lens with 3 finger holes. recesses slightly into fixture.

decorative ring (optional)

.125" colored acrylic ring.

optics

.050" spun aluminum conical reflector finished in high reflectance (>92%) matte white powder coat. mounting to standoffs and the addition of a LEDil silicone Zorya lens allows a small amount of light to highlight the fanciful hole pattern.

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, 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 6ft ultrathin stainless steel wisp cable tripod and tiny field adjustable grippers that allow for exact AFF mounting heights. or select 12ft adjustable suspension. (drawing below)

premium mountings

colored cloth cord (optional)

spun aluminum driver canopy painted to match fixture. ultrathin stainless steel cable tripod and field adjustable grippers 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)

spun aluminum driver 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

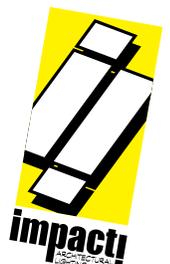
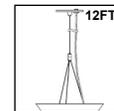
recommend use of inverter (by other). optional WREM: wired for remote EM battery (by other). if using WHPC, SBPC, or BKPC cords, 2nd power cord required.



catalog number

| P3208 | | | | | |
|--|--|---|--|---|---|
| size | CCT | lumens | painted finishes | power cord | options |
| P3208 8" dia X 8.75" ht see pages 2 & 3 for info on P3312 and P3216 | 27 2700K 30 3000K 35 3500K 40 4000K | LO 725 lm HI 1445 lm | AP anodized paint BS brass BU blue BZ bronze CP champagne FB flat black GM gun metal MB military blue MW matte white OR orange RD red SB satin black SS satin silver TG textured gray YO yellow premium finish RAL specify RAL# | 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 | 6FT 72" cables 12FT 12ft adj suspension [†] BL Bottom lens DRA amber decorative ring DRB blue decorative ring DRF frost decorative ring DRG green decorative ring DRR red decorative ring DRY yellow decorative ring WREM wired for remote EM battery pack (by other) (see note above) ELD EldoLED* LUT Lutron* |

[†]not available with premium power cords
 *consult factory



job name:
 type:

12" bul.it.hlz™ spec sheet 90CRI

material

housing
 whimsical, playful hole pattern varies from fixture to fixture. precision CNC spun .063" aluminum parabolic housing with rolled bottom edge for added strength.

array platform

.080" spun aluminum.

bottom lens (optional)

.125" P95 frosted acrylic flat lens with 3 finger holes. recesses slightly into fixture.

decorative ring (optional)

.125" colored acrylic ring.

optics

.050" spun aluminum conical reflector finished in high reflectance (>92%) matte white powder coat. mounting to standoffs and the addition of a LEDil silicone Zorya lens allows a small amount of light to highlight the fanciful hole pattern.

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 6ft ultrathin stainless steel wisp cable tripod and tiny field adjustable grippers that allow for exact AFF mounting heights. or select 12ft adjustable suspension. (drawing below)

premium mountings

colored cloth cord (optional)

spun aluminum driver canopy painted to match fixture. ultrathin stainless steel cable tripod and field adjustable grippers 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)

spun aluminum driver 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

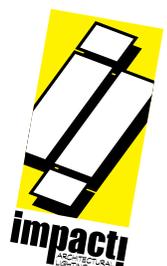
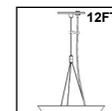
recommend use of inverter (by other). optional WREM: wired for remote EM battery (by other). if using WHPC, SBPC, or BKPC cords, 2nd power cord required.



catalog number

| P3212 | | | | | |
|--|--|--|--|---|---|
| size | CCT | lumens | painted finishes | power cord | options |
| P3212 12"dia X 12"ht see page 3 for info on P3216 | 27 2700K 30 3000K 35 3500K 40 4000K | LO 1445 lm HI 2230 lm CL* xxxx lm <small>custom lumens consult factory</small> | AP anodized paint BS brass BU blue BZ bronze CP champagne FB flat black GM gun metal MB military blue MW matte white OR orange RD red SB satin black SS satin silver TG textured gray YO yellow premium finish RAL specify RAL# | WHPC white power cord and canopy BKPC black power cord and canopy SBPC silver braid power cord and white canopy premium <small>(driver canopy required) (not available w/ 12ft option)</small> 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 | 6FT 72" cables 12FT 12ft adj suspension [†] BL Bottom lens DRA amber decorative ring DRB blue decorative ring DRF frost decorative ring DRG green decorative ring DRR red decorative ring DRY yellow decorative ring WREM wired for remote EM battery pack (by other) (see note above) ELD EldoLED* LUT Lutron* |

[†]not available with premium power cords
*consult factory



job name:
 type:

16" bul.it.hlz™ spec sheet 90CRI

material

housing
 whimsical, playful hole pattern varies from fixture to fixture. precision CNC spun .063" aluminum parabolic housing with rolled bottom edge for added strength.

array platform

.080" spun aluminum.

bottom lens (optional)

.125" P95 frosted acrylic flat lens with 3 finger holes. recesses slightly into fixture.

decorative ring (optional)

.125" colored acrylic ring.

optics

.050" spun aluminum conical reflector finished in high reflectance (>92%) matte white powder coat. mounting to standoffs and the addition of a LEDil silicone Zorya lens allows a small amount of light to highlight the fanciful hole pattern.

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 6ft ultrathin stainless steel wisp cable tripod and tiny field adjustable grippers that allow for exact AFF mounting heights. or select 12ft adjustable suspension. (drawing below)

premium mountings

colored cloth cord (optional)

spun aluminum driver canopy painted to match fixture. ultrathin stainless steel cable tripod and field adjustable grippers 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)

spun aluminum driver 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".

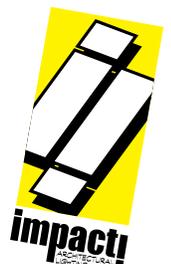
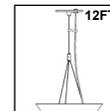
emergency

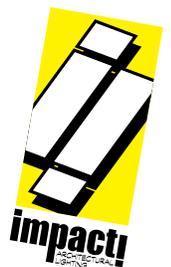
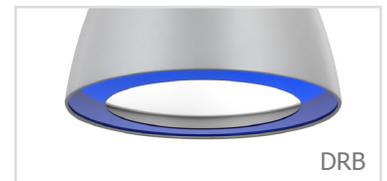
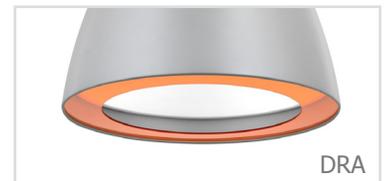
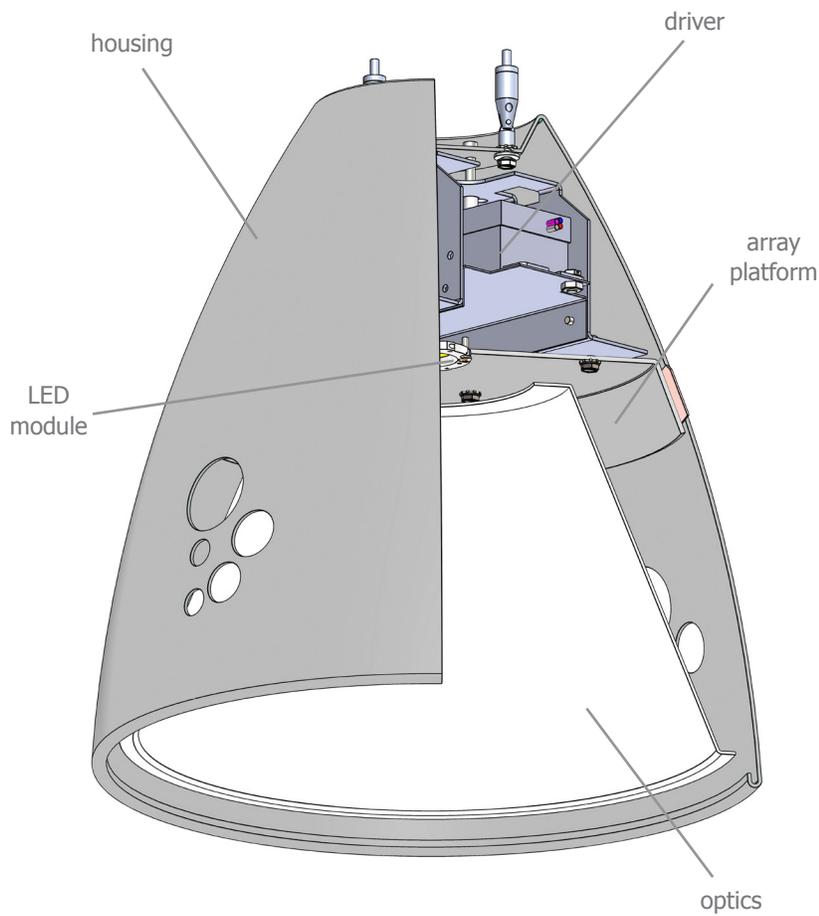
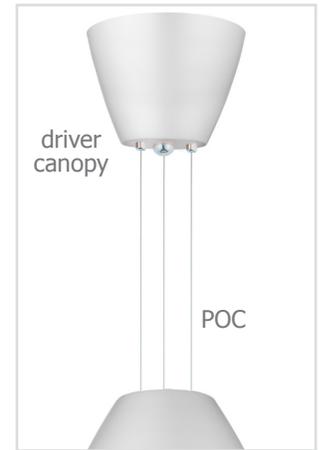
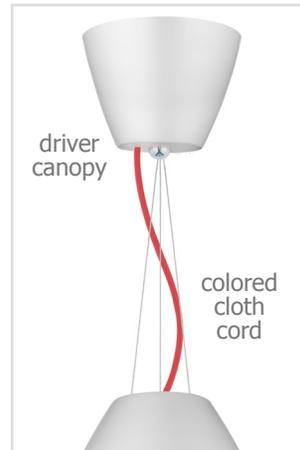
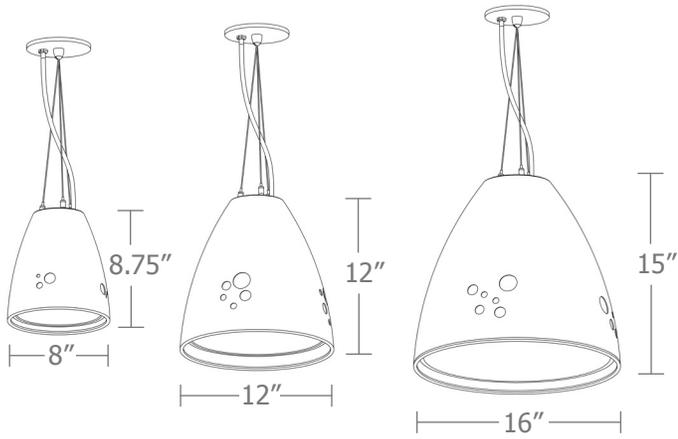
recommend use of inverter (by other). optional WREM: wired for remote EM battery (by other). if using WHPC, SBPC, or BKPC cords, 2nd power cord required.



catalog number

| P3216 | | | | | |
|--------------------------------|-----------------|--|--------------------------|--|--|
| size | CCT | lumens | painted finishes | power cord | options |
| P3216 16"dia X 15"ht | 27 2700K | LO 1800 lm | AP anodized paint | WHPC white power cord and canopy | 6FT 72" cables |
| | 30 3000K | HI 2300 lm | BS brass | BKPC black power cord and canopy | 12FT 12ft adj suspension [†] |
| | 35 3500K | CL* xxxx lm <small>custom lumens consult factory</small> | BU blue | SBPC silver braid power cord and white canopy | BL Bottom lens |
| | 40 4000K | | BZ bronze | premium <small>(driver canopy required) (not available w/ 12ft option)</small> | DRA amber decorative ring |
| | | | CP champagne | BUPC blue cloth cord | DRB blue decorative ring |
| | | | FB flat black | ORPC orange cloth cord | DRF frost decorative ring |
| | | | GM gun metal | PLPC purple cloth cord | DRG green decorative ring |
| | | | MB military blue | RDPC red cloth cord | DRR red decorative ring |
| | | | MW matte white | WGPC white & gray dot cloth cord | DRY yellow decorative ring |
| | | | OR orange | POC power over cable | WREM wired for remote EM battery pack (by other) (see note above) |
| | | | RD red | | ELD EldoLED* |
| | | | SB satin black | | LUT Lutron* |
| | | | SS satin silver | | |
| | | | TG textured gray | | |
| | | | YO yellow | | |
| | | | premium finish | | |
| | | | RAL specify RAL# | | |

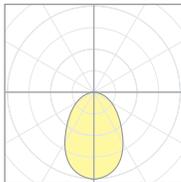




Calculation Table

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



10211H08BL
P3208-BL

| Cat No | Delivered* Lumens | Watts 120V / 277V | IES File # | LLF to be applied |
|-----------------|-------------------|-------------------|-------------------|-------------------|
| P3208 LO | 725 | 10 | 10211H08A open | .42 |
| | | | 10211H08BL lensed | .41 |
| P3208 HI | 1445 | 20 | 10211H08A open | .84 |
| | | | 10211H08BL lensed | .81 |
| P3212 LO | 1445 | 21 | 10211H12A open | .54 |
| | | | 10211H12BL lensed | .52 |
| P3212 HI | 2230 | 32 | 10211H12A open | .83 |
| | | | 10211H12BL lensed | .80 |
| P3216 LO | 1800 | 22 | 10211H16A open | .71 |
| | | | 10211H16BL lensed | .68 |
| P3216 HI | 2300 | 33 | 10211H16A open | .91 |
| | | | 10211H16BL lensed | .87 |

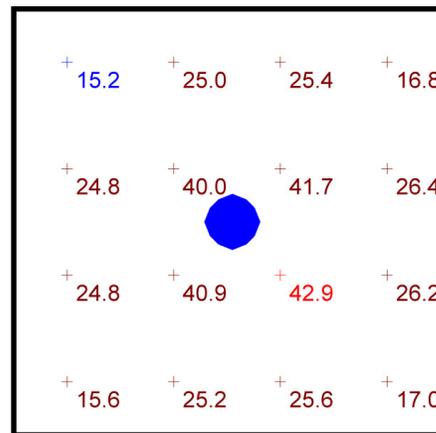
*delivered lumens based on 4000K, 90+ cri

Typical Lighting Layout

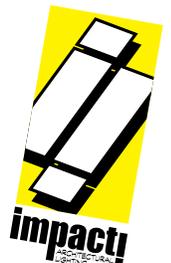
| Schedule | | | | | | |
|----------|-----|-------------------------------|----------------|--|-----------------|---------|
| Symbol | QTY | Manufacturer | Catalog Number | Description | Lamp | Wattage |
| | 1 | Impact Architectural Lighting | P3212 40 HI | 12" dia. pendant bul.it.hlz luminaire w/ open bottom | 4000k 90cri LED | 32 |

- 8' x 8' x 10'H space
- 80/50/20 reflectances
- fixture at 8' aff
- FC readings at 2.5' aff
- layout conducted using 12"dia. unit with HI lumen 90 CRI package providing 2230 delivered lumens

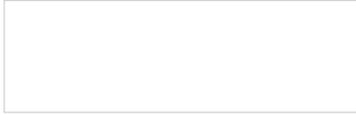
| Statistics | | | | | | |
|-------------|--------|---------|---------|---------|---------|---------|
| Description | Symbol | Avg | Max | Min | Max/Min | Avg/Min |
| bul.it.hlz | + | 27.1 fc | 42.9 fc | 15.2 fc | 2.8:1 | 1.8:1 |



Plan View



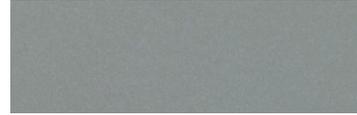
Powder Coat Paint Finishes



MW matte white



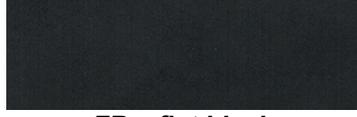
AP anodized paint



SS satin silver



TG textured gray



FB flat black



SB satin black



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.

