

job name:
 type:

12" miniskrt™ ceiling spec sheet 90CRI

material

housing

precision CNC spun .064" aluminum outer housing available in 15 standard powder coat paint finishes listed below. .060" aluminum liner powder coat painted high reflectance matte white.

diffuser

choose from .125" white acrylic or .064" spun aluminum powder coat painted high reflectance matte white.

LED

custom LED board in 3000K, 3500K, or 4000K (90+ cri standard). LEDs are rated >50,000 hours L70 (10K) at 85°C per LM-80 test data, and 70,000 hours projected life per IES TM-21.

driver

in canopy, constant current, class P class 2 power unit, class A sound rating, universal input (120-277V) programmable driver, 1% minimum dimming level, PF >0.90. protections include short circuit, input/output isolation and surge protection (3KV). wired for 0-10v dimming from factory.

finish

select from standard powder coat paint finishes or specify RAL# for custom colors.

emergency

if required, recommend use of inverter (by other).



catalog number

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size

C6112
12.5"dia X 4.5"ht

diffuser

A acrylic

M metal

CCT lumens

30 3000K **LO** 1120 lm
35 3500K **HI** 2615 lm
40 4000K

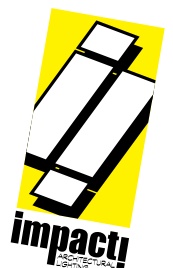
30 3000K **LO** 910 lm
35 3500K **HI** 2125 lm
40 4000K

painting finish

- 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#



job name:
 type:

16" miniskrt™ ceiling spec sheet 90CRI

material

housing

precision CNC spun .064" aluminum outer housing available in 15 standard powder coat paint finishes listed below. .060" aluminum liner powder coat painted high reflectance matte white.

diffuser

choose from .125" white acrylic or .064" spun aluminum powder coat painted high reflectance matte white.

LED

custom LED board in 3000K, 3500K, or 4000K (90+ cri standard). LEDs are rated >50,000 hours L70 (10K) at 85°C per LM-80 test data, and 70,000 hours projected life per IES TM-21.

driver

in canopy, constant current, class P class 2 power unit, class A sound rating, universal input (120-277V) programmable driver, 1% minimum dimming level, PF >0.90. protections include short circuit, input/output isolation and surge protection (3KV). wired for 0-10v dimming from factory.

finish

select from standard powder coat paint finishes or specify RAL# for custom colors.

emergency

if required, recommend use of inverter (by other).



catalog number

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size

C6116
16.25" dia X 5.75" ht

diffuser

A acrylic

M metal

CCT

30 3000K
35 3500K
40 4000K

30 3000K
35 3500K
40 4000K

lumens

LO 2660 lm
HI 3920 lm

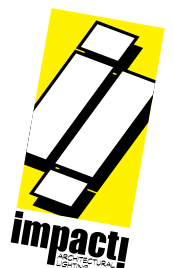
LO 2160 lm
HI 3185 lm

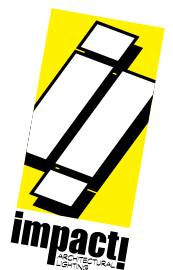
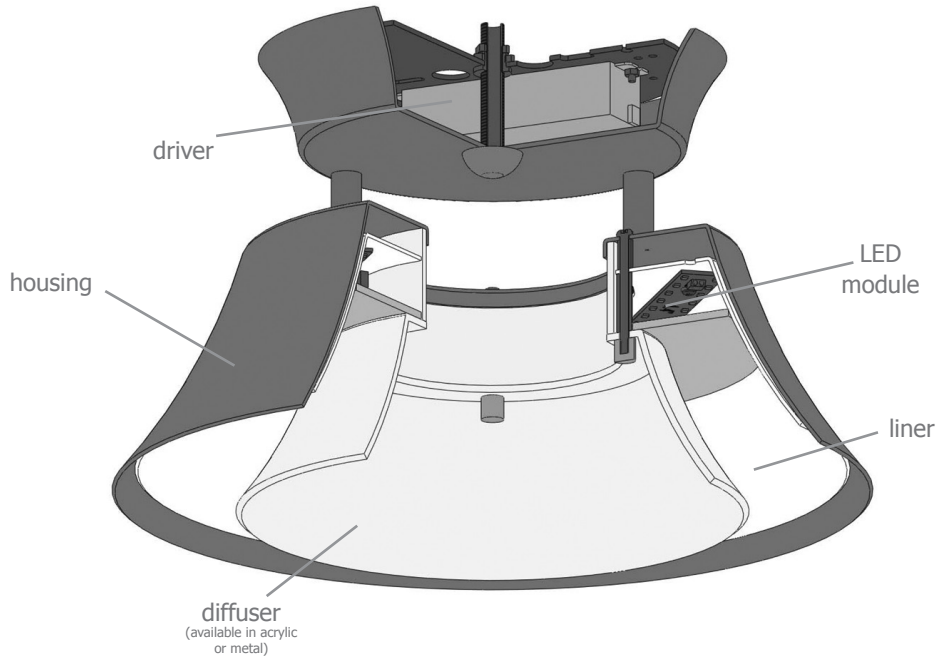
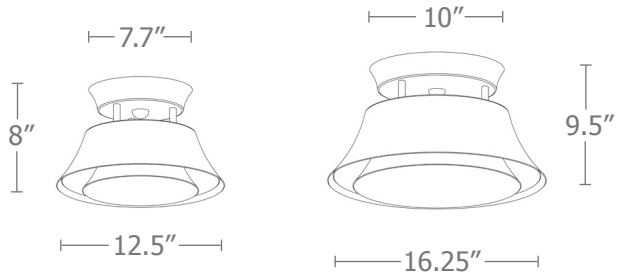
painted finish

- 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#

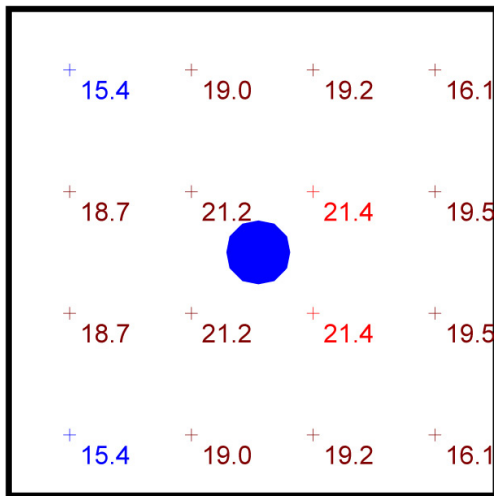




Typical Lighting Layout

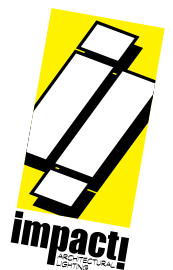
Schedule					
Quantity	Manufacturer	Catalog Number	Description	Lamp	Wattage
1	Impact Architectural Lighting	C6112 M 40HI	12" dia. ceiling mount miniskrt w/metal diffuser	4000k 90cri LED	25

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
miniskrt - metal	+	18.8 fc	21.4 fc	15.4 fc	1.4:1	1.2:1



Plan View
Scale - 1" = 2ft

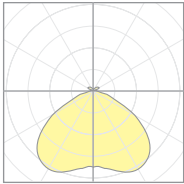
- 8' x 8' x 8'H space
- 80/50/20 reflectances
- bottom of fixture at 8' aff
- FC readings at 2.5' aff
- layout conducted using C6112 HI lumen 90 CRI package (2125 delivered lumens)



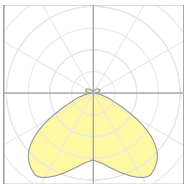
Calculation Table

The application of a Light Loss Factor is required to:

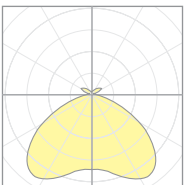
- match the lumen output for the power module specified
- incorporate the increased lumen output due to LED/Driver upgrades



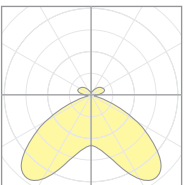
20913
P6112-A-40LO



20914
P6112-M-40LO



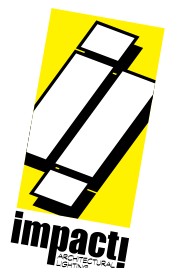
20919
P6116-A-40HI



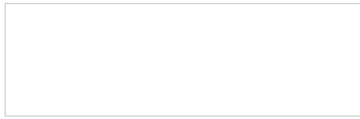
20920
P6116-M-40HI

Cat No	Delivered* Lumens	Watts 120V / 277V	IES File #	LLF to be applied
C6112-A LO	1120	12	20913	.90
C6112-A HI	2615	28	20915	.99
C6112-M LO	910	11	20914	.91
C6112-M HI	2125	26	20916	.99
C6116-A LO	2660	26	20917	.95
C6116-A HI	3920	39	20919	.99
C6116-M LO	2160	26	20918	1.02
C6116-M HI	3185	39	20920	1.06

*delivered lumens based on 4000K, 90+ cri



Powder Coat Paint Finishes



MW matte white



AP anodized paint



SS satin silver



TG textured gray



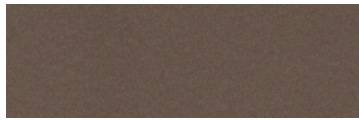
FB flat black



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.

