

job name:
type:

3.5"/6" sq.3™ ceiling spec sheet 90CRI

housing

3.5" smooth square extruded architectural 6063 aluminum outer housing in five lengths available in 15 standard powder coat paint finishes listed below. premium RAL and wood finishes also available. satin black canopy standard on wood finishes.

LED

COB in 2700K, 3000K, 3500K, or 4000K (90 cri standard) rated >36,000 hours L70 (6.8K) per LM-80 test data, and 71,000 hours projected life per IES TM-21.

downlight optics

LEDIL® Angelina 82mm dia 31mm high (RoHS compliant) available in 20° spot, 30° medium, 50° wide with specular anodized finish. 90° extra wide features matte white highly reflective finish. color mixing sublens standard. standard mounting clamp allows for easy replacement of reflector in field. the typical total beam angle is the full angle measured where the luminous intensity is half of the peak volume.

driver

constant current, class P, class 2 power unit, class A sound rating, universal input (120-277V) programmable driver, 5% minimum dimming level, PF >0.90. protections include short circuit, input/output isolation and surge protection (3KV). wired for 0-10v dimming from factory. 6" canopy painted to match fixture. satin black canopy standard on wood finishes.

mounting standard

driver in junction box (requires 2 1/8" deep electrical box). for other sizes, driver in top of fixture. see note for H3 lumen package on 6" ht. special universal mounting bracket allows EC to clock fixture orientation during installation. 6" sq. canopy painted to match fixture. satin black canopy standard on wood finishes.

remote enclosure (.LV) (optional)

the standard driver can be remote mounted up to 33ft from the LED. remote enclosure supplied. for distances greater than 33ft consult factory. for Chicago Plenum installation consult factory.

finish

select from 15 standard powder coat paint finishes or 3 wood finishes (listed below) or specify RAL# for custom colors. satin black canopy standard on wood finishes.

emergency

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



made in the
usa!



only specific sizes

catalog number

| | | | | |
|--|--|--|--|--|
| | | | | |
|--|--|--|--|--|

size

C6603 driver in j-box

C6603.LV remote enclosure
3.5"dia X 3.75 "ht

beam

S 20° spot
M 30° med
W 50° wide
XW 90° extra wide

CCT

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

lumens

L1 395 lm
L2 695 lm
L3 995 lm
H1 1390 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#

wood finish

ASH ashwood
ENG english brown oak
ESP espresso

satin black canopy standard
on wood finishes

C6606 driver in fixture

C6606.LV remote enclosure
3.5"dia X 6.25 "ht

S 20° spot
M 30° med
W 50° wide
XW 90° extra wide

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

L1 395 lm

L2 695 lm

L3 995 lm

H1 1390 lm

H2 1985 lm

H3* 2780 lm

*H3 lumen package in
C6606 requires min.
2 1/8" deep j-box.



.LV
remote enclosure

This product meets the guidelines for the Build America, Buy America Act. Some Exclusions Apply. For more information and full list of eligible SKUs, please contact the factory at info@impactltg.com

12"/18"/24" sq.3™ ceiling spec sheet 90CRI

housing

3.5 " smooth square extruded architectural 6063 aluminum outer housing in five lengths available in 15 standard powder coat paint finishes listed below. premium RAL and wood finishes also available. satin black canopy standard on wood finishes.

LED

COB in 2700K, 3000K, 3500K, or 4000K (90 cri standard) rated >36,000 hours L70 (6.8K) per LM-80 test data, and 71,000 hours projected life per IES TM-21.

downlight optics

LEDiL® Angelina 82mm dia 31mm high (RoHS compliant) available in 20° spot, 30° medium, 50° wide with specular anodized finish. 90° extra wide features matte white highly reflective finish. color mixing sublens standard. standard mounting clamp allows for easy replacement of reflector in field. the typical total beam angle is the full angle measured where the luminous intensity is half of the peak volume.

driver

constant current, class P, class 2 power unit, class A sound rating, universal input (120-277V) programmable driver, 5% minimum dimming level, PF >0.90. protections include short circuit, input/output isolation and surge protection (3KV). wired for 0-10v dimming from factory. 6" canopy painted to match fixture. satin black canopy standard on wood finishes.

mounting standard

driver in junction box (requires 2 1/8" deep electrical box). for other sizes, driver in top of fixture. see note for H3 lumen package on 6" ht. special universal mounting bracket allows EC to clock fixture orientation during installation. 6" sq. canopy painted to match fixture. satin black canopy standard on wood finishes.

remote enclosure (.LV) (optional)

the standard driver can be remote mounted up to 33ft from the LED. suspension length should be considered in distance. remote enclosure supplied. for distances greater than 33ft consult factory. for Chicago Plenum installation consult factory.

finish

select from 15 standard powder coat paint finishes or 3 wood finishes (listed below) or specify RAL# for custom colors. satin black canopy standard on wood finishes.

emergency

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



made in the
USA!



only specific sizes

catalog number

size

C6612 driver in fixture

C6612.LV remote enclosure
3.5"dia X 12.25"ht

C6618 driver in fixture

C6618.LV remote enclosure
3.5"dia X 18.25"ht

C6624 driver in fixture

C6624.BABA driver in fixture

C6624.LV remote enclosure
3.5"dia X 24.25"ht

beam

S 20° spot

M 30° med

W 50° wide

XW 90° extra wide

CCT

27 2700K

30 3000K

35 3500K

40 4000K

lumens

L1 395 lm

L2 695 lm

L3 995 lm

H1 1390 lm

H2 1985 lm

H3* 2780 lm

*H3 lumen package in
C6606 requires min.
2-1/8" deep j-box.

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#

Wood finish

ASH ashwood

ENG english brown oak

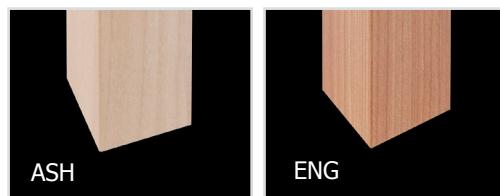
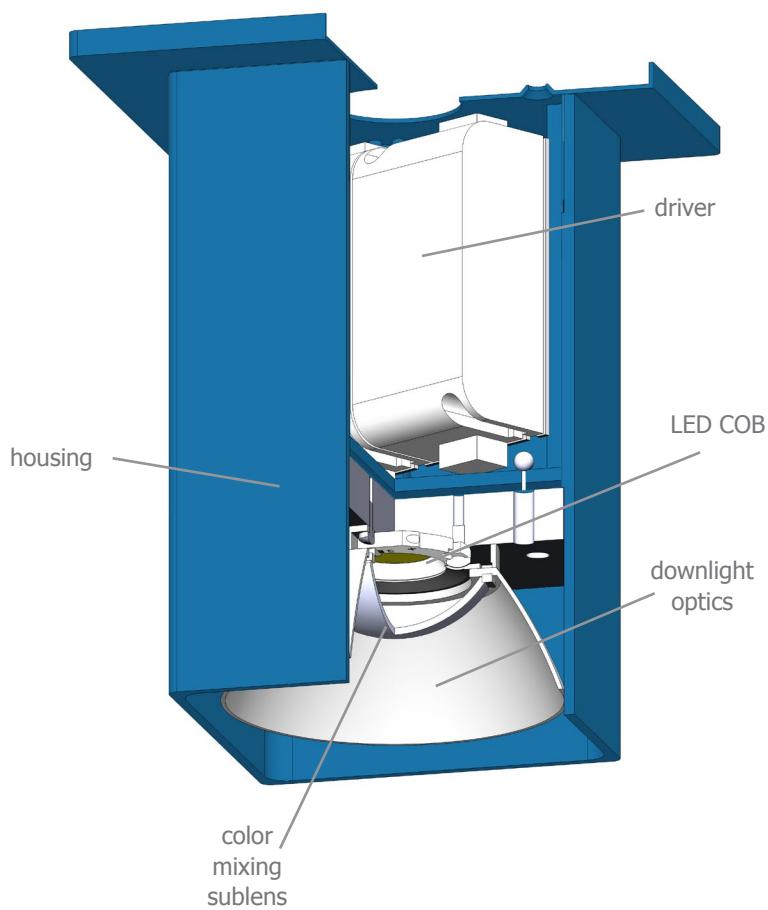
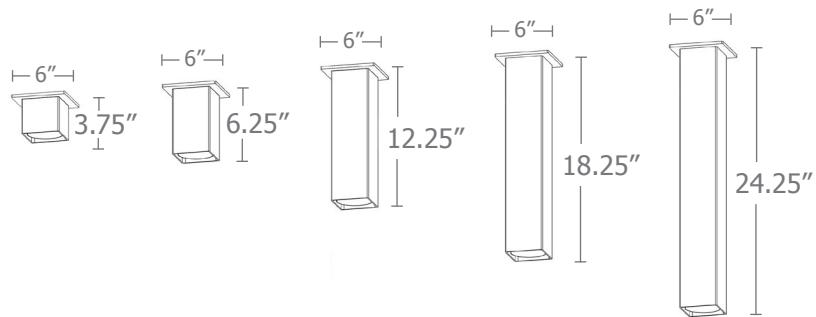
ESP espresso

satin black canopy standard
on wood finishes



.LV
remote enclosure

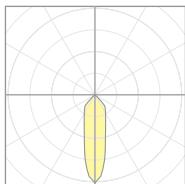
This product meets the guidelines for the Build America, Buy America Act. Some Exclusions Apply. For more information and full list of eligible SKUs, please contact the factory at info@impactltg.com



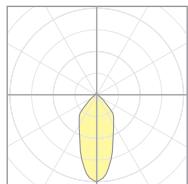
Calculation Table

The application of a Light Loss Factor is required to:

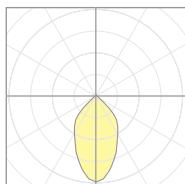
- match the lumen output for the power module specified
- incorporate the increased lumen output due to LED/Driver upgrades



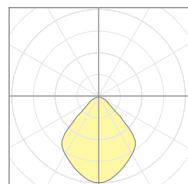
20921
P7506-S-40H3
S 20° spot



20922
P7506-M-40H3
M 30° med



20923
P7506-W-40H3
W 50° wide



20924
P7506-EW-40H3
XW 90° extra wide

| Cat No | Delivered* Lumens | Watts 120V / 277V | IES File #** | LLF to be applied |
|------------|----------------------|----------------------|-------------------|----------------------|
| L1 | 395 | 4 | W 20923 | .12 |
| L2 | 695 | 7 | W 20923 | .22 |
| L3 | 995 | 10 | W 20923 | .31 |
| H1 | 1390 | 14 | W 20923 | .44 |
| H2 | 1985 | 20 | W 20923 | .63 |
| H3 | 2780 | 28 | W 20923 | .88 |
| | S 20° spot | M 30° med | W 50° wide | XW 90° extra |
| ies file # | 20921 | 20922 | 20923 | 20924 |

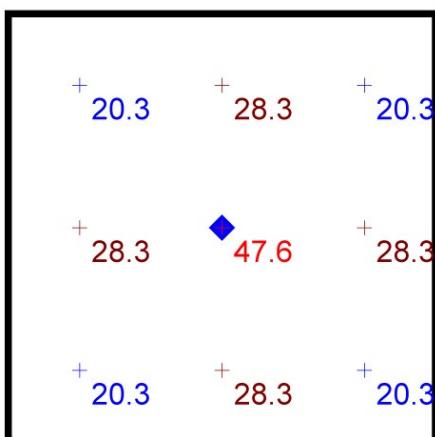
*delivered lumens based on 4000K, 90+ cri **choose the file that matches your beam spread

Typical Lighting Layout

| Schedule | | | | | | |
|----------|----------|-------------------------------|----------------|--|-----------------|---------|
| Symbol | Quantity | Manufacturer | Catalog Number | Description | Lamp | Wattage |
| | 1 | Impact Architectural Lighting | C6612 W 40 H1 | 12" length sq.3 ceiling mount downlight cylinder | 4000k 90cri LED | 21 |

Statistics

| Description | Symbol | Avg | Max | Min | Max/Min | Avg/Min |
|-------------|--------|---------|---------|---------|---------|---------|
| sq.3 | + | 26.9 fc | 47.6 fc | 20.3 fc | 2.3:1 | 1.3:1 |

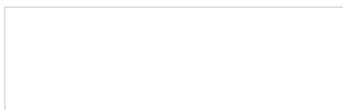


Plan View
Scale - 1" = 2ft

- 10' x 10' space
- 80/50/20 reflectances
- bottom of fixture at 10' aff
- FC readings at 2.5' aff
- layout conducted using H2 lumen output 1985 lumens unit w/ 50-deg. beam spread

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Powder Coat Paint Finishes



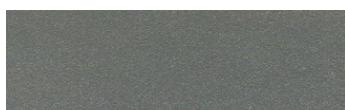
MW matte white



AP anodized paint



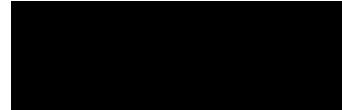
SS satin silver



TG textured gray



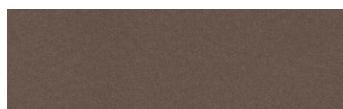
FB flat black



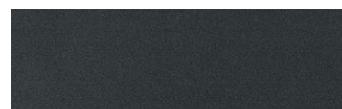
SB satin black



CP champagne



BZ bronze



GM gun metal



OR orange 2011



BU blue 5017



BS brass



RD red 3020



YO yellow 1018



MB military blue

Premium Finishes*

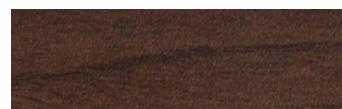
Wood Finishes



ASH ashwood



ENG english brown oak



ESP espresso

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



RAL#

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

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