

housing

LED

downlight optics

driver

mounting

remote enclosure (.LV) (optional)

finish

emergency



made in the
usa!



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C6603 driver in j-box
C6603.LV remote enclosure
3.5"dia X 3.75 "ht

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

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

L1	410 lm
L2	715 lm
L3	1025 lm
H1	1435 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

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 410 lm
L2 715 lm
L3 1025 lm
H1 1435 lm
H2 2050 lm
H3* 2870 lm

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

premium finish

RAL specify RAL#

wood finish

ASH ashwood

ENG english brown oak

ESP espresso

satin black canopy standard
on wood finishes



www.impactltg.com / 314-427-1212 / saint louis, mo

specifications
subject
to change

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rev. 09/05/2026



job name:

type:

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).

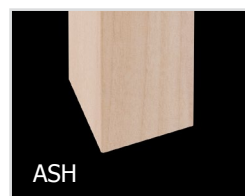
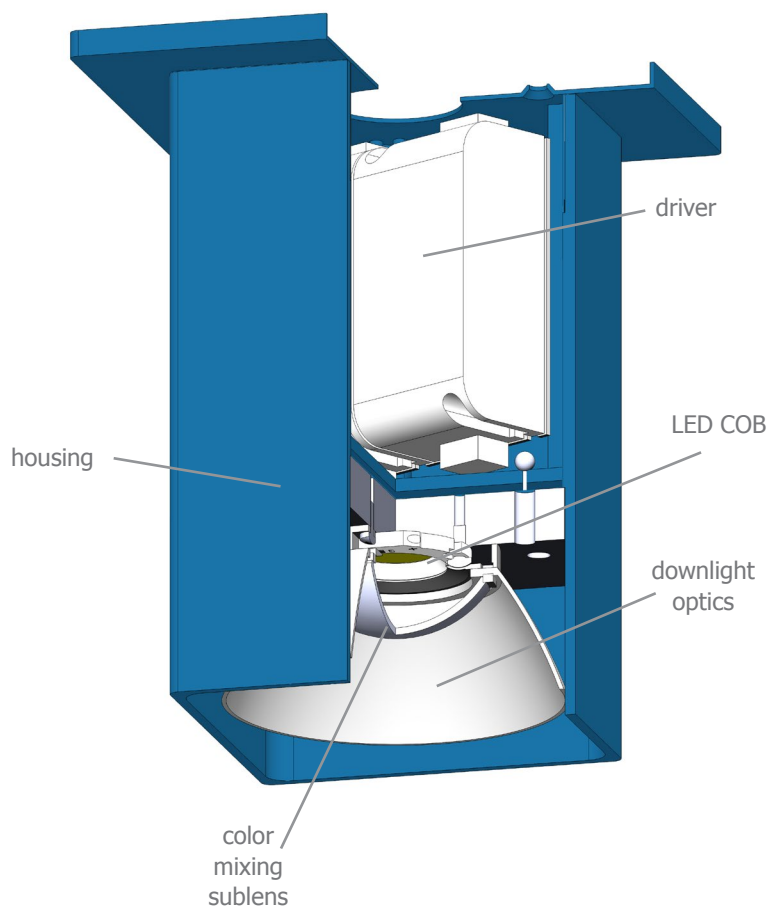
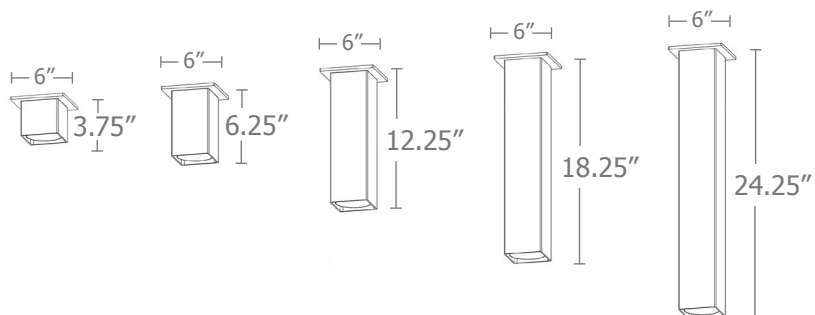
catalog number

size	beam	CCT	lumens	painted finish
C6612 driver in fixture	S 20° spot	27 2700K	L1 410 lm	AP anodized paint
C6612.LV remote enclosure 3.5"dia X 12.25"ht	M 30° med	30 3000K	L2 715 lm	BS brass
	W 50° wide	35 3500K	L3 1025 lm	BU blue
C6618 driver in fixture	XW 90° extra wide	40 4000K	H1 1435 lm	BZ bronze
C6618.LV remote enclosure 3.5"dia X 18.25"ht			H2 2050 lm	CP champagne
			H3* 2870 lm	FB flat black
C6624 driver in fixture			*H3 lumen package in C6606 requires min. 2-1/8" deep j-box.	GM gun metal
C6624.BABA driver in fixture				MB military blue
C6624.LV remote enclosure 3.5"dia X 24.25"ht				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



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

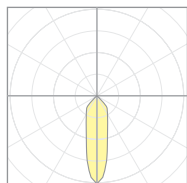




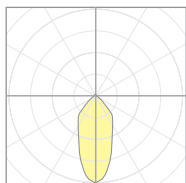
Calculation Table

The application of a Light Loss Factor is required to:

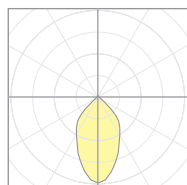
- match the lumen output for the power module specified
- incorporate the increased lumen output due to LED/Driver upgrades



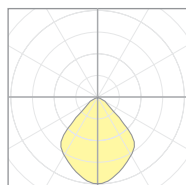
20921
P7506-S-40H3
S 20° spot



20922
P7506-M-40H3
M 30° med



20923
P7506-W-40H3
W 50° wide



20924
P7506-EW-40H3
XW 90° extra wide

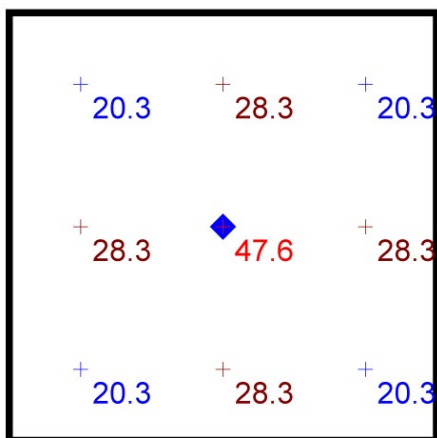
Cat No	Delivered* Lumens	Watts 120V / 277V	IES File #**	LLF to be applied
L1	410	4	W 20923	.13
L2	715	7	W 20923	.23
L3	1025	10	W 20923	.32
H1	1435	14	W 20923	.45
H2	2050	20	W 20923	.65
H3	2870	28	W 20923	.91
	S 20° spot	M 30° med	W 50° wide	XW 90° extra
ies file #	20921	20922	20923	20924

*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

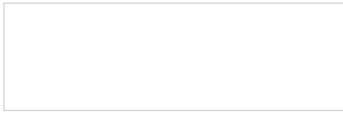
Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
sq.3	+	26.9 fc	47.6 fc	20.3 fc	2.3:1	1.3:1



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

Powder Coat Paint Finishes



MW matte white



AP anodized paint



SS satin silver



TG textured gray



FB flat black



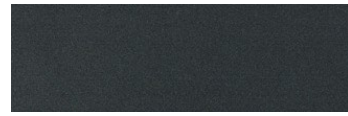
SB satin black



CP champagne



BZ bronze



GM gun metal



OR orange 2011



BU blue 5017



BS brass



RD red 3020



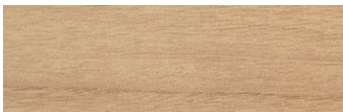
YO yellow 1018



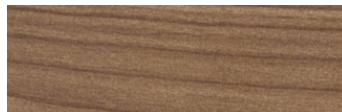
MB military blue

Premium Finishes*

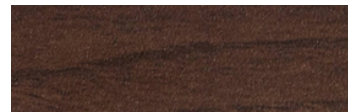
Wood Finishes



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.

