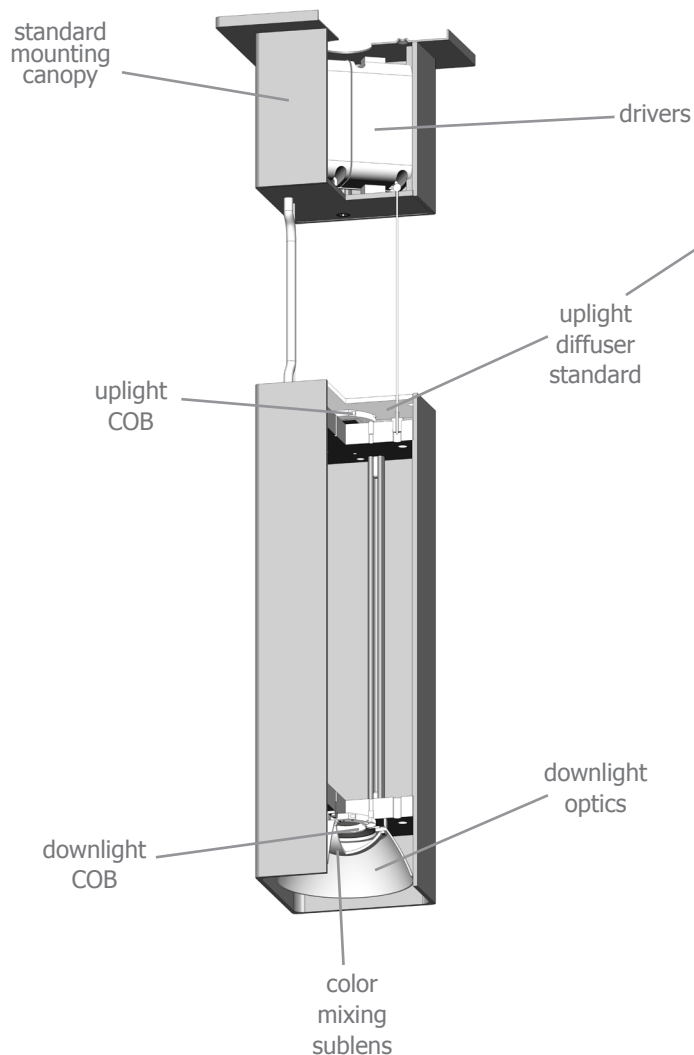
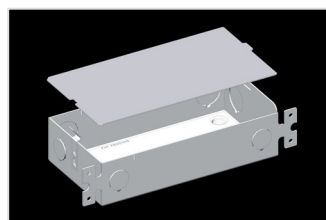
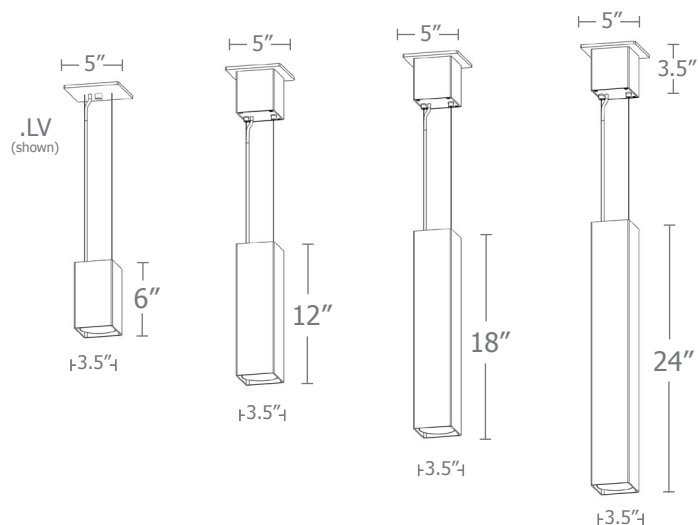
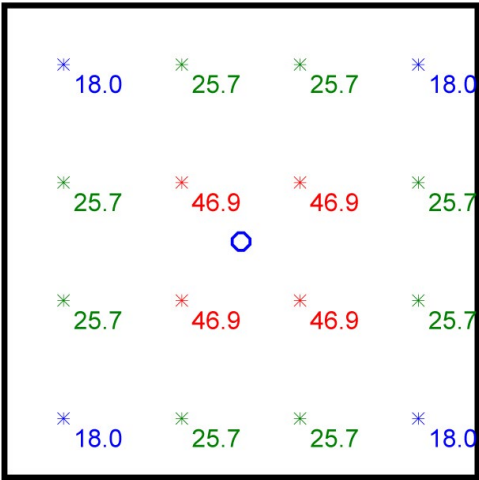




Quick Calc Typical Lighting Layout

- 8' x 8' x 10'H space
- 80/50/20 reflectances
- bottom of fixture at 8' aff
- FC readings at 2.5' aff
- layout conducted with P6606.up H2 1985 lumen 90 CRI downlight and L3 845 lumen uplight



Plan View
Scale - 1" = 2ft

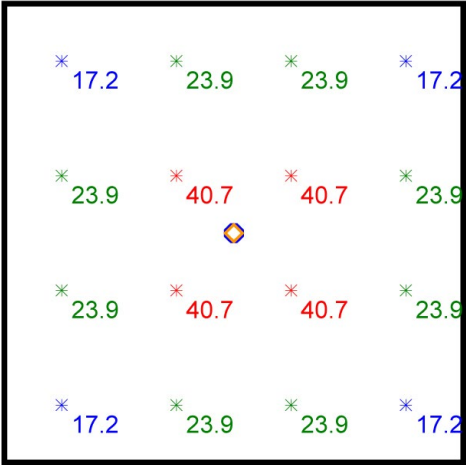
Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
sq.3.up	+	29.1 fc	46.9 fc	18.0 fc	2.6:1	1.6:1

Schedule						
Symbol	QTY	Manufacturer	Catalog Number	Description	Lamp	Wattage
	1	Impact Architectural Lighting	P6606.up M 40 H2 L3	3.5"dia. x 6"h sq.3.up luminaire	4000k 90cri LED	30

Advanced Calculation Typical Lighting Layout

uses separate files to give designer ultimate flexibility and accuracy

- 8' x 8' x 12'H space
- 80/50/20 reflectances
- bottom of fixture at 9' aff
- FC readings at 2.5' aff
- layout conducted using P6606.up with H2 1985 lumen 90 CRI downlight package and L3 845 lumen uplight



Plan View
Scale - 1" = 2ft

Schedule						
Symbol	QTY	Manufacturer	Catalog Number	Description	Lamp	Wattage
	1	Impact Architectural Lighting	P6606 W 40 H2 xx down only	3.5"dia. x 6"h sq.3.up luminaire DOWNLIGHT ONLY	4000k 90cri LED	21
	1	Impact Architectural Lighting	P6606 x 40xx L3 uplight only	UPLIGHT ONLY	4000k 90cri LED	10

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
sq.3.up	+	26.4 fc	40.7 fc	17.2 fc	2.4:1	1.5:1



Quick Calc Table

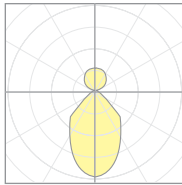
Tests indicated below are a combination of direct and indirect. LLFs are as close as possible. Downlight is given priority.

for more detailed calculations see table on next page.

Cat No	Direct Delivered Lumens	Indirect Delivered Lumens	Watts 120V / 277V	IES File #	LLF to be applied
P6606 L1 L1	395	340	8	12201	.16
P6606 L2 L2	695	590	14	12201	.28
P6606 L3 L3	995	845	20	12201	.40
P6606 H1 L3	1390	845	24	12201	.56
P6606 H2 L3	1985	845	31	12201	.79
**					
P66XX L1 L1	395	340	8	12203	.11
P66XX L2 L2	695	590	14	12203	.20
P66XX L3 L3	995	845	20	12203	.29
P66XX H1 H1	1390	845	28	12203	.40
P66XX H2 H1	1985	845	35	12203	.57
P66XX H3 H1	2780	1185	42	12203	.80

*delivered lumens based on 4000K, 90+ cri

**XX = 12", 18", or 24" length



12201
P7606-40HX-UP/DN

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

Advanced Calculation Table

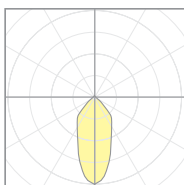
Tests are for each element separately and must be "stacked" to represent single fixture
Consult factory for applications assistance

Direct

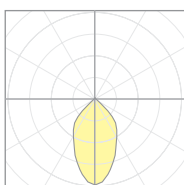
Indirect

Cat No	Delivered* Lumens	Watts 120V / 277V	IES File #	LLF to be applied	Delivered* Lumens	Watts 120V / 277V	IES File #	LLF to be applied
L1	395	4	20921 spot	.12	340	4	12202	.24
			20922 med	.12				
			20923 wide	.12				
			20924 x-wide	.12				
L2	695	7	20921 spot	.22	590	7	12202	.42
			20922 med	.22				
			20923 wide	.22				
			20924 x-wide	.22				
L3	995	10	20921 spot	.31	845	10	12202	.60
			20922 med	.31				
			20923 wide	.31				
			20924 x-wide	.31				
H1	1390	14	20921 spot	.43	N/A P6606	14	12202	.84
			20922 med	.43				
			20923 wide	.43				
			20924 x-wide	.43				
H2	1985	21	20921 spot	.62				
			20922 med	.62				
			20923 wide	.62				
			20924 x-wide	.62				
H3	2780	28	20921 spot	.86				
			20922 med	.86				
			20923 wide	.86				
			20924 x-wide	.86				

*delivered lumens based on 4000K, 90+ cri



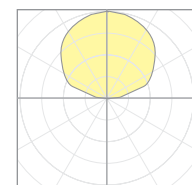
20922
P7506-M-40H3
M 30° med



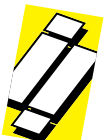
20923
P7506-W-40H3
W 50° wide

The application of a Light Loss Factor is required to:

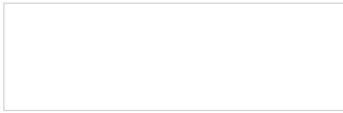
- match the lumen output for the power module specified
- incorporate the increased lumen output due to LED/Driver upgrades



12202
P7606-XXXX-UP

impactltg 

Powder Coat Paint Finishes



MW matte white



AP anodized paint



SS satin silver



TG textured gray



FB flat black



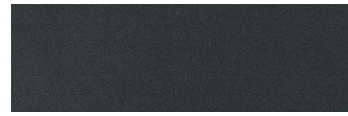
SB satin black



CP champagne



BZ bronze



GM gun metal



OR orange 2011



BU blue 5017



BS brass



RD red 3020



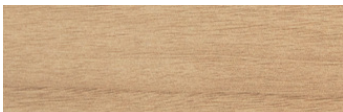
YO yellow 1018



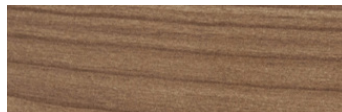
MB military blue

Premium Finishes*

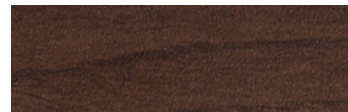
Wood Finishes



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.

