

job name:

type:

16"/22" dol.up™ spec sheet 90CRI

material
driver canopy
2 pc. spun .063" aluminum canopy. matte white standard.

optics
diffuser
.125" gloss white virgin acrylic. reinforced top opening on 26" and 34".

LED
body illumination
flexible planar LED lighting sheet in 3000K, 3500K, or 4000K (90+ cri), utilizing emitters rated at >77,000hrs L₇₀ per TM21-11 from LM80 data.
downlight (optional)
COB in 3000K, 3500K, or 4000K (90+ cri standard), with rated life of >36,000hrs L₇₀(9K) per IES TM21-11, and >70,000hrs projected life.

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
class 2 power unit, universal input (120-277 vac), 1% minimum dimming level, PF >92, THD <20% at full load, >418khrs MTBF, protections include short circuit, over current, over voltage and over temperature. wired from factory for 0-10v dimming.

mounting
designed to mount to 4 inch octagon junction box (by other). single stainless steel cable and field adjustable gripper. white power cord standard with other colors listed below. consult factory for installation instructions.

emergency
recommend use of inverter (by other).
optional WREM: wired for remote EM battery (by other).



catalog number

size	body illumination		downlight		power cord	options
	CCT	lumens	CCT	beam	BKPC	6FT
P5216	30 3000K	LO 1075 lm	30 3000K	S 20° spot	Black power cord and canopy	6ft adj. cable
16"dia X 8"ht	35 3500K	HI 1740 lm	35 3500K	M 30° med	SBPC	12FT 12ft adj. cable
	40 4000K		40 4000K	W 50° wide	Silver braid power cord and white canopy	ELD EldoLED*
			NDL no downlight	XW 90° extra wide	WHPC	LUT Lutron* *consult factory
					White power cord and canopy	RDVR remote driver enclosure
P5222	30 3000K	LO 1305 lm	30 3000K	S 20° spot		WREM wired for remote EM battery pack
P5222.BABA	35 3500K	HI 2080 lm	35 3500K	M 30° med		
22"dia X 11"ht	40 4000K		40 4000K	W 50° wide		
			NDL no downlight	XW 90° extra wide		

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

job name:

type:

26"/34" dol.up™ spec sheet 90CRI

material
driver canopy
2 pc. spun .063" aluminum canopy. matte white standard.

optics
diffuser
.125" gloss white virgin acrylic. reinforced top opening on 26" and 34".

LED
body illumination
flexible planar LED lighting sheet in 3000K, 3500K, or 4000K (90+ cri), utilizing emitters rated at >77,000hrs L₇₀ per TM21-11 from LM80 data.
downlight (optional)
COB in 3000K, 3500K, or 4000K (90+ cri standard), with rated life of >36,000hrs L₇₀(9K) per IES TM21-11, and >70,000hrs projected life.

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
class 2 power unit, universal input (120-277 vac), 1 % minimum dimming level, PF >92, THD <20% at full load, >418khrs MTBF, protections include short circuit, over current, over voltage and over temperature. wired from factory for 0-10v dimming.

mounting
designed to mount to 4 inch octagon junction box (by other). single stainless steel cable and field adjustable gripper. white power cord standard with other colors listed below. consult factory for installation instructions.

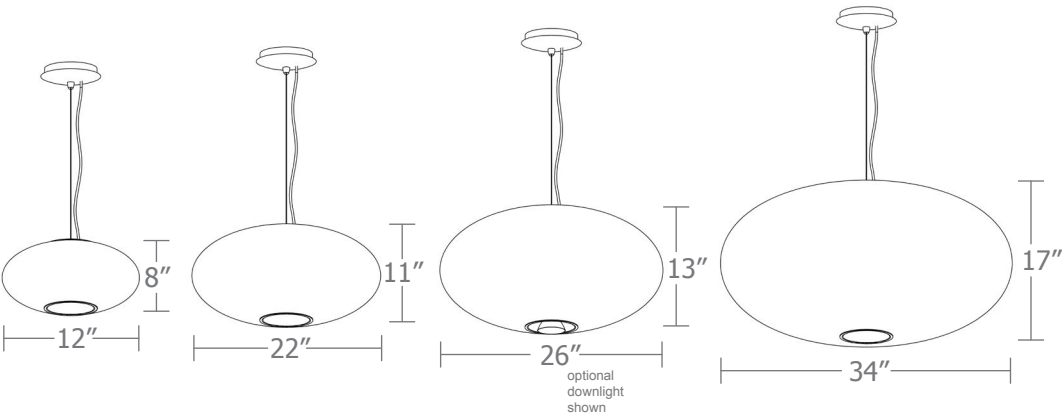
emergency
recommend use of inverter (by other).
optional WREM: wired for remote EM battery (by other).



catalog number

size		body illumination		downlight		power cord	options
		CCT	lumens	CCT	beam		
P5226		30 3000K	LO 2080 lm	30 3000K	S 20° spot	BKPC Black power cord and canopy	6FT 6ft adj. cable
P5226.BABA		35 3500K	HI 2675 lm	35 3500K	M 30° med	SBPC Silver braid power cord and white canopy	12FT 12ft adj. cable
26"dia X 13"ht		40 4000K		40 4000K	W 50° wide		ELD EldoLED*
				NDL no downlight	XW 90° extra wide	WHPC White power cord and canopy	LUT Lutron* *consult factory
P5234		30 3000K	LO 2080 lm	30 3000K	S 20° spot		RDVR remote driver enclosure
P5234.BABA		35 3500K	HI 3265 lm	35 3500K	M 30° med		WREM wired for remote EM battery pack
34"dia X 17"ht		40 4000K		40 4000K	W 50° wide		
				NDL no downlight	XW 90° extra wide		

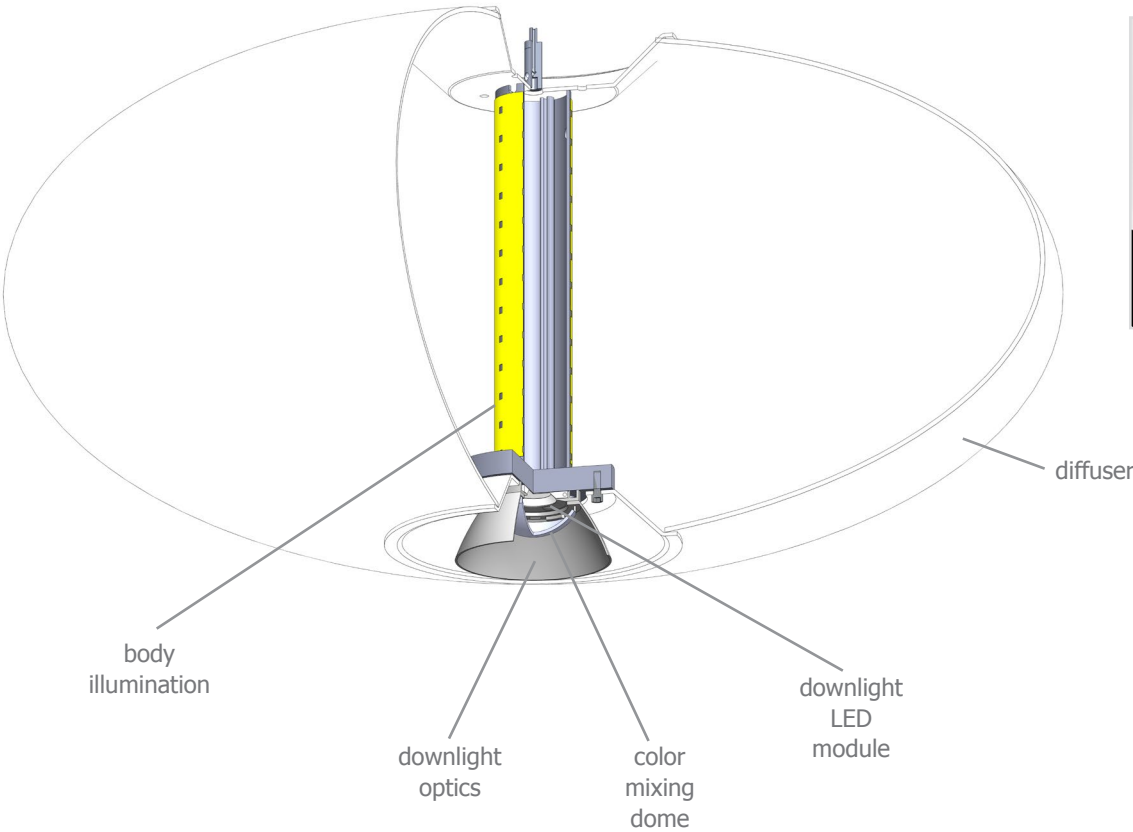
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Some Exclusions Apply. For more information and full list of eligible SKUs, please contact the factory at info@impactltg.com



downlight




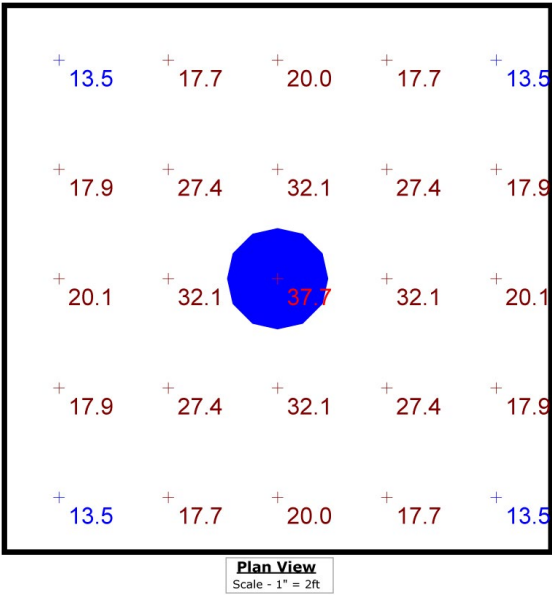
no downlight



Typical Lighting Layout

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
dol.up	+	22.1 fc	37.7 fc	13.5 fc	2.8:1	1.6:1

Schedule						
Symbol	QTY	Manufacturer	Catalog Number	Description	Lamp	Wattage
	1	Impact Architectural Lighting	P5226 40HI 40LO	26" dia. pendant dol.up w/ integral downlight	4000k 90cri LED	48

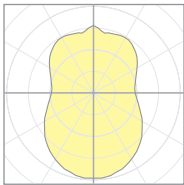


- 10' x 10' x 12'H space
- 80/50/20 reflectances
- bottom of fixture at 8' aff
- FC readings at 2.5' aff
- layout conducted using P5226 with 90 CRI H3 (2670 lm) with LO lumen 90 CRI (1300 lm) integral downlight for total package providing 3970 delivered lumens

Quick Calc Table

Tests indicated below are a combination of direct and indirect. LLF are as close as possible.

for more detailed calculations see table on next page.



19632
P5226-40HI

Cat No	Delivered* Lumens	Watts 120V / 277V	IES File #	LLF to be applied
P5216 LO	1075	10	20696 globe only	.54
P5216 HI	1740	16	20696 globe only	.87
P5222 LO	1305	11	20696 globe only	.65
P5222 HI	2080	18	20696 globe only	1.04
P5226 LO	2080	18	19632 globe only	.82
P5226 HI	2675	23	19632 globe only	1.06
P5234 LO	2080	18	19632 globe only	.82
P5234 HI	3265	28	19632 globe only	1.29

*delivered lumens based on 4000K, 90+ cri

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

Globe

Cat No		Delivered* Lumens	Watts 120V/277V	IES File #	LLF to be applied
P5216	LO	1075	10	20696	.54
P5216	HI	1740	16	20696	.87

P5222	LO	1305	11	20696	.26
P5222	HI	2080	18	20696	.52

P5226	LO	2080	18	19632	.40
P5226	HI	2675	23	19632	.75

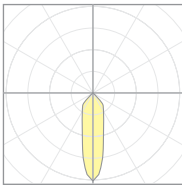
P5234	LO	2080	18	19632	.58
P5234	HI	3265	28	19632	.76

*delivered lumens based on 4000K, 90+ cri

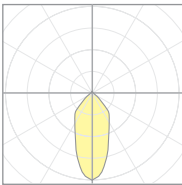
Downlight

Downlight	Delivered* Lumens	Watts 120V / 277V	IES File #	LLF to be applied
	1300	14	20921 spot	.40
			20922 med	.40
			20923 wide	.40
			20924 x-wide	.40

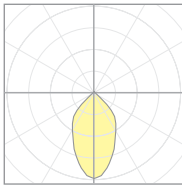
*delivered lumens based on 4000K, 90+ cri



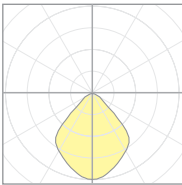
20921
P7506-S-40H3
S 20° spot



20922
P7506-M-40H3
M 30° med



20923
P7506-W-40H3
W 50° wide



20924
P7506-EW-40H3
XW 90° extra wide

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

