job name:

type:

9” top.ls.tiki.up™ spec sheet 90CRI

material

downlight housing
precision CNC spun .063” aluminum. downlight housing with rolled bottom edge for added strength.
uplight array platform
.063” spun aluminum, recesses into top of fixture.
downlight array platform
.080” spun aluminum.
bottom lens (optional)
.125” P95 frosted acrylic flat lens with 3 finger holes. recesses slightly into fixture.

optics

uplight
340° omnidirectional silicone optic
downlight
.050” spun aluminum conical reflector finished in high reflectance (>92%) matte white powder coat.

LED module

COB array in 2700K, 3000K, 3500K, or 4000K. (call factory for 5000K) (90+ cri standard). under normal operating conditions, the LEDs employed are rated for >50,000hrs L70 (6.8K) per IES TM-21 from LM-80 test data.

drivers

in 7” canopy, class 2, universal input (120-277v), constant current, 0-10v dimming, 1% minimum dimming level, PF >.9, THD <20%, protections include open and short circuit, overload and over temperature.

mounting

7”dia. aluminum canopy in satin white with 6ft ultrathin stainless steel wisp cable tripod and tiny field adjustable grippers that allow for exact AFF mounting heights. or select 12ft adjustable suspension. (drawing below). silver braid power cord standard.

finish

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

emergency

recommend use of inverter (by other).
optional WREM: wired for remote EM battery (by other). 2nd power cord required.

catalog number

P5909 | | | | | | |

size

P5909
9”dia X 8.5”ht

see pages 2 & 3 for info on P5913 and P5917

direct LED

	CCT		lumens
27	2700K	**LO**	995 lm
30	3000K	**HI**	1985 lm
35	3500K	**HX**	2780 lm
40	4000K		

indirect LED

	CCT		lumens
27	2700K	**UP**	970 lm
30	3000K		
35	3500K		
40	4000K		

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

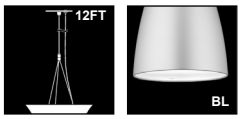
premium finish

RAL	specify RAL#

options

6FT	72” cables
12FT	12ft adj suspension
BL	Bottom lens
DCDM	dual circuit wiring on dimming direct/indirect (requires 2nd power cord)
WREM	wired for remote EM battery pack (by other) (see note above)
ELD	EldoLED*
LUT	Lutron*

*consult factory



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job name: _____

type: _____

13” top.ls.tiki.up™ spec sheet 90CRI

material

downlight housing
precision CNC spun .063” aluminum. downlight housing with rolled bottom edge for added strength.
uplight array platform
.063” spun aluminum, recesses into top of fixture.
downlight array platform
.080” spun aluminum.
bottom lens (optional)
.125” P95 frosted acrylic flat lens with 3 finger holes. recesses slightly into fixture.

optics

uplight (optional)
340° omnidirectional silicone optic
downlight
.050” spun aluminum conical reflector finished in high reflectance (>92%) matte white powder coat.

LED module

COB array in 2700K, 3000K, 3500K, or 4000K. (call factory for 5000K) (90+ cri standard). under normal operating conditions, the LEDs employed are rated for >50,000hrs L70 (6.8K) per IES TM-21 from LM-80 test data. for dual circuit wiring on direct/indirect dimming luminaires, specify under options.

driver

integral, programmable, UL class P, class 2, universal input (120-277v), constant current, 0-10v dimming, 1% minimum dimming level, PF >.9, THD <20%, protections include open and short circuit, overload and over temperature.

mounting

5”dia. spun steel canopy in satin white with 6ft ultrathin stainless steel wisp cable tripod and tiny field adjustable grippers that allow for exact AFF mounting heights. or select 12ft adjustable suspension. (drawing below)

finish

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

emergency

recommend use of inverter (by other).
optional WREM: wired for remote EM battery (by other). 2nd power cord required.

catalog number

P5913 | | | | | | | | |

size

P5913
13”dia X 12.5”ht

see page 3 for info on P5917

direct LED

CCT		lumens
27 2700K	**FX**	1585 lm
30 3000K	**LO**	2975 lm
35 3500K	**HI**	3375 lm
40 4000K	**HX**	4120 lm
	CL* xxxx lm	

custom lumens consult factory

indirect LED

CCT		lumens
27 2700K	**FX**	775 lm
30 3000K	**LO**	1745 lm
35 3500K	**HI**	1940 lm
40 4000K	**CL*** xxxx lm	

custom lumens consult factory

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#

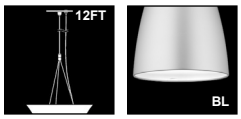
power cord

WHPC	white power cord and canopy
BKPC	black power cord and canopy
SBPC	silver braid power cord and white canopy

options

6FT	72” cables
12FT	12ft adj suspension
BL	Bottom lens
DCDM	dual circuit wiring on dimming direct/indirect (requires 2nd power cord)
WREM	wired for remote EM battery pack (by other) (see note above)
ELD	EldoLED*
LUT	Lutron*

*consult factory



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job name:

type:

17” top.ls.tiki.up™ spec sheet 90CRI

material

downlight housing
precision CNC spun .063” aluminum. downlight housing with rolled bottom edge for added strength.
uplight array platform
.063” spun aluminum, recesses into top of fixture.
downlight array platform
.080” spun aluminum.
bottom lens (optional)
.125” P95 frosted acrylic flat lens with 3 finger holes. recesses slightly into fixture.

optics
uplight (optional)
340° omnidirectional silicone optic
downlight
.050” spun aluminum conical reflector finished in high reflectance (>92%) matte white powder coat.

LED module
COB array in 2700K, 3000K, 3500K, or 4000K. (call factory for 5000K) (90+ cri standard). under normal operating conditions, the LEDs employed are rated for >50,000hrs L70 (6.8K) per IES TM-21 from LM-80 test data. for dual circuit wiring on direct/indirect dimming luminaires, specify under options.

driver
integral, programmable, UL class P, class 2, universal input (120-277v), constant current, 0-10v dimming, 1% minimum dimming level, PF >.9, THD <20%, protections include open and short circuit, overload and over temperature.

mounting
5”dia. spun steel canopy in satin white with 6ft ultrathin stainless steel wisp cable tripod and tiny field adjustable grippers that allow for exact AFF mounting heights. or select 12ft adjustable suspension. (drawing below)

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

emergency
recommend use of inverter (by other).
optional WREM: wired for remote EM battery (by other). 2nd power cord required.

catalog number

P5917 | | | | | | | | |

size

P5917
17”dia X 16”ht

direct LED

CCT		lumens
27	2700K	**FX** 2580 lm
30	3000K	**LO** 3375 lm
35	3500K	**HI** 4550 lm
40	4000K	**HX** 4985 lm

CL* xxxx lm
custom lumens
consult factory

indirect LED

CCT		lumens
27	2700K	**FX** 775 lm
30	3000K	**LO** 1550 lm
35	3500K	**HI** 2135 lm
40	4000K	**CL*** xxxx lm

custom lumens
consult factory

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#

power cord

WHPC white power cord and canopy
BKPC black power cord and canopy
SBPC silver braid power cord and white canopy

options

6FT 72” cables
12FT 12ft adj suspension
BL Bottom lens
DCDM dual circuit wiring on dimming direct/indirect
(requires 2nd power cord)
WREM wired for remote EM battery pack
(by other)
(see note above)
ELD EldoLED*
LUT Lutron*
*consult factory

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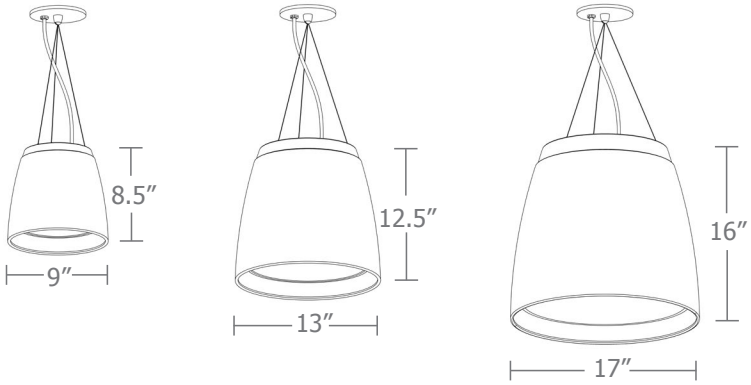
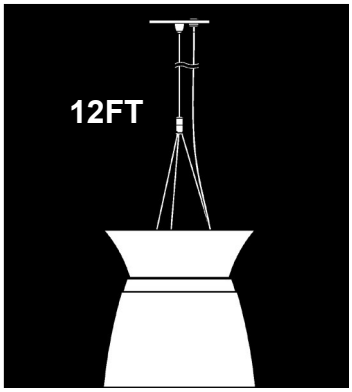
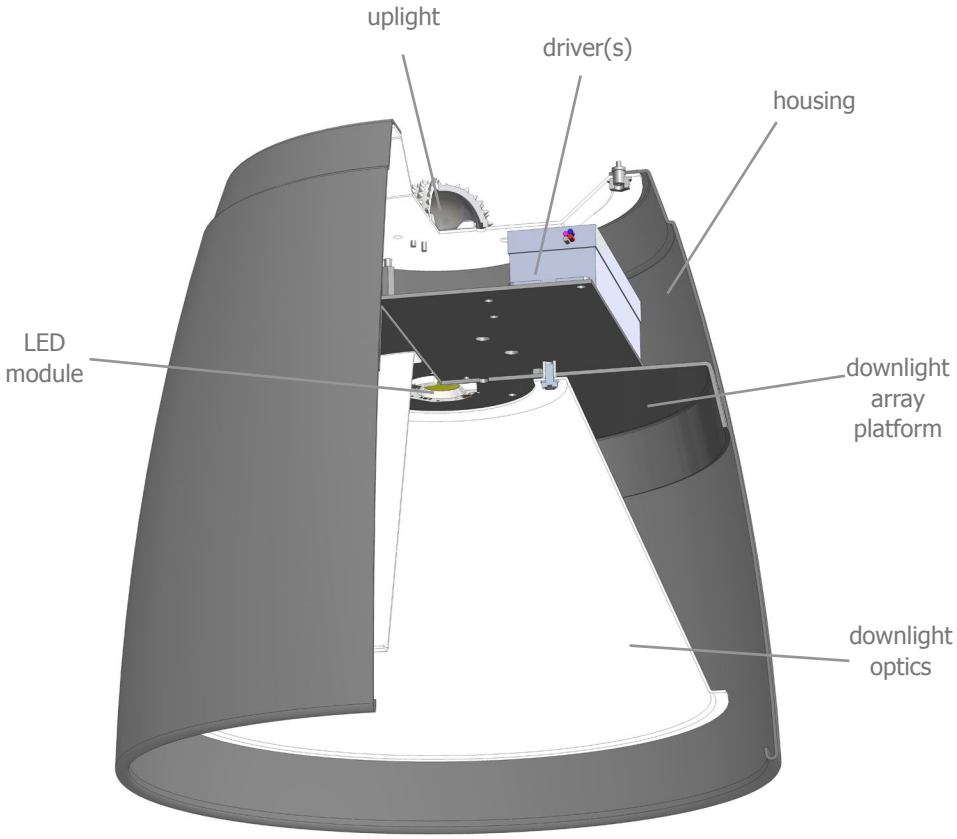
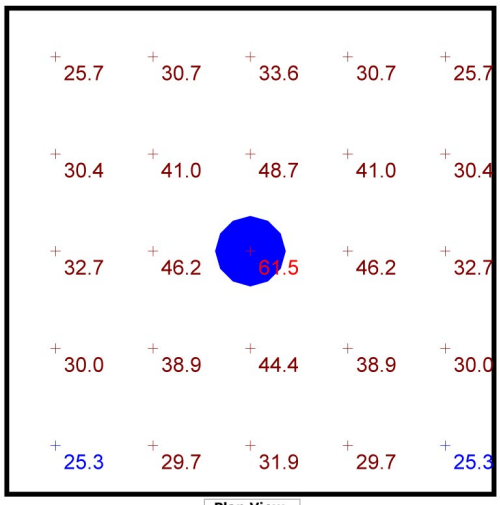






Quick Calc Typical Lighting Layout

- 10′ x 10′ x 10′H space
- 80/50/20 reflectances
- bottom of fixture at 12′ aff
- FC readings at 2.5′ aff
- layout conducted using 17″ dia. unit with HX lumen downlight and HI lumen uplight for total 7120 delivered lumens



Plan View
Scale - 1" = 2ft

Statistics

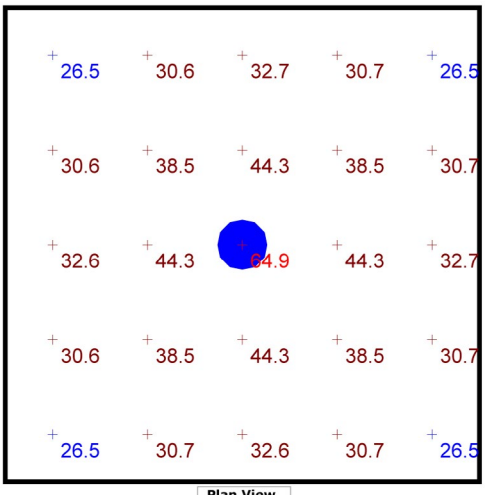
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
top.ls.tiki.up	+	35.3 fc	61.5 fc	25.3 fc	2.4:1	1.4:1

Schedule

Symbol	QTY	Manufacturer	Catalog Number	Description	Lamp	Wattage
○	1	Impact Architectural Lighting	P5917 40 HX 40 HI	17" dia. pendant top.ls.tiki.up luminaire w/ open bottom	4000k 90cri LED	73

Advanced Calculation Typical Lighting Layout

- 12′ x 12′ x 16′H space
- 80/50/20 reflectances
- bottom of fixture at 12′ aff
- FC readings at 2.5′ aff
- layout conducted using 17″ dia. unit with individual files for HX lumen downlight and HI lumen uplight for total 7120 delivered lumens



Plan View
Scale - 1" = 2ft

Schedule

Symbol	QTY	Manufacturer	Catalog Number	Description	Lamp	Wattage
○	1	Impact Architectural Lighting	P5917 40 HX 40 xx	17" dia. pendant top.ls.tiki.up DOWNLIGHT portion ONLY	4000k 90cri LED	45
○	1	Impact Architectural Lighting	P5917 40 xx 40 HI	17" dia. pendant top.ls.tiki.up UPLIGHT portion ONLY	4000k 90cri LED	28

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
top.ls.tiki.up	+	35.1 fc	64.9 fc	26.5 fc	2.4:1	1.3:1

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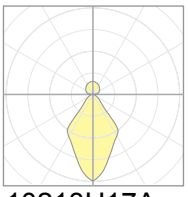
Quick Calc Table

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.

Cat No	Direct Delivered* Lumens	Indirect Delivered* Lumens	Watts 120V / 277V	IES File #		LLF to be applied
P5909 LO UP	995	970	20	**10211U09A**	open	.58
				20154	lensed	.55
P5909 HI UP	1985	970	30	**10211U09A**	open	.87
				20154	lensed	.82
P5909 HX UP	2780	970	39	**10211U09A**	open	1.10
				20154	lensed	1.03
P5913 FX FX	1585	775	24	**10212U13A**	open	.36
				20620.1	lensed	.39
P5913 LO LO	2975	1745	49	**10212U13A**	open	.73
				20620.1	lensed	.73
P5913 HI HI	3375	1940	55	**10212U13A**	open	.82
				20620.1	lensed	.87
P5913 HX HI	4120	1940	62	**10212U13A**	open	.93
				20620.1	lensed	.99
P5917 FX FX	2580	775	35	**10213U17A**	open	.45
				20620.1	lensed	.55
P5917 LO LO	3375	1550	51	**10213U17A**	open	.66
				20620.1	lensed	.81
P5917 HI HI	4550	2135	68	**10213U17A**	open	.90
				20620.1	lensed	1.09
P5917 HX HI	4985	2135	73	**10213U17A**	open	.96
				20620.1	lensed	1.17

*delivered lumens based on 4000K, 90+ cri



10213U17A
P5917-40HI-40HI

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

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Advanced Calculation Table

Tests are for each element separately and
must be "stacked" to represent single fixture

Consult factory for applications assistance

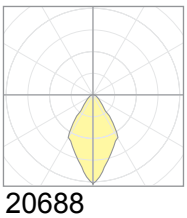
Direct

Cat No	Delivered* Lumens	Watts 120V/277V	IES File #		LLF to be applied
P5909	**LO** 995	10	**10211U09C**	open	.44
			20617.1	lensed	.24
P5909	**HI** 1985	21	**10211U09C**	open	.89
			20617.1	lensed	.48
P5909	**HX** 2780	29	**10211U09C**	open	1.24
			20617.1	lensed	.67
P5913	**FX** 1585	16	**20616.1**	open	.41
			20617.1	lensed	.38
P5913	**LO** 2975	31	**20616.1**	open	.78
			20617.1	lensed	.72
P5913	**HI** 3375	35	**20616.1**	open	.88
			20617.1	lensed	.82
P5913	**HX** 4126	42	**20616.1**	open	1.07
			20617.1	lensed	1.00
P5917	**FX** 2580	27	**20688**	open	.62
			20617.1	lensed	.62
P5917	**LO** 3375	35	**20688**	open	.81
			20617.1	lensed	.82
P5917	**HI** 4550	47	**20688**	open	1.09
			20617.1	lensed	1.10
P5917	**HX** 4985	51	**20688**	open	1.19
			20617.1	lensed	1.21

Indirect

Delivered* Lumens	Watts 120V/277V	IES File #	LLF to be applied
UP 970	10	**10211U09B**	.84
FX 775	8	**10212U13B**	.32
LO 1745	18	**10212U13B**	.72
HI 1940	20	**10212U13B**	.80
FX 775	8	**10213U17B**	.29
LO 1550	16	**10213U17B**	.58
HI 2135	22	**10213U17B**	.80

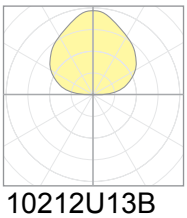
*delivered lumens based on 4000K, 90+ cri



20688
P5117-40CL (4000lm) NUL

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



10212U13B
P5913-NDL-40HI

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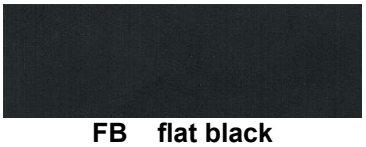
Powder Coat Paint Finishes

MW matte white

AP anodized paint

SS satin silver

TG textured gray

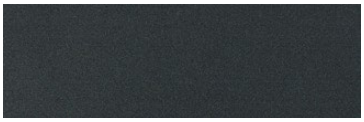


FB flat black

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

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

Premium Finishes*

RAL#

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