

ID+ 3.5" x 3.5"

OVERLAP & TRIMLESS LED WALL WASH



white painted



clear diffuse



warm diffuse



black painted



optional painted flange



Downlight companion



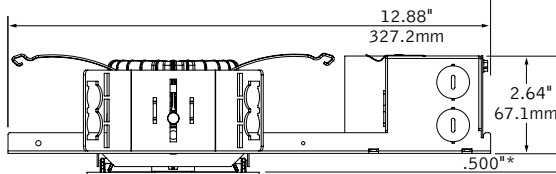
The Naturals collection - Chestnut shown



Adjustable Accent companion

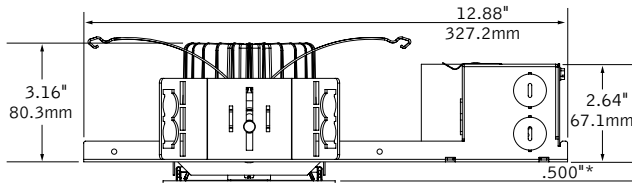
DIMENSIONAL DATA

60° cut-off reflector



Housing height with DALI, Lutron & LZ1 drivers is 3.0"

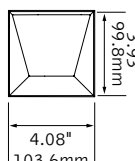
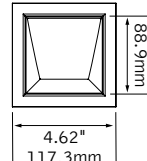
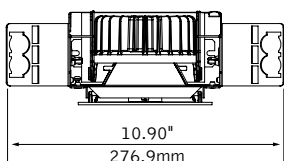
50° cut-off reflector



*Field adjustability of ceiling thickness from 0.5" - 1.5".

Overlap Trim

Trimless



**For OD (Outdoor Rated) options only.

FEATURES

Less than 2.64" low profile housing available.

50° cut-off and 60° cut-off reflector options available.

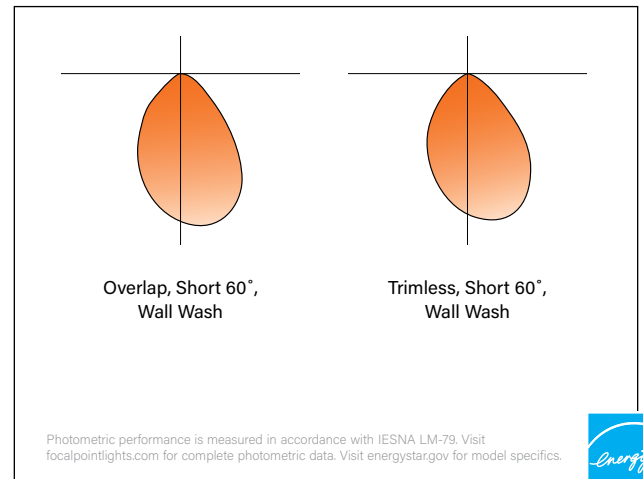
Tunable White: Supports human activity, well-being, and preferences with a light quality that evolves throughout the day.

Warm Dim: Lighting that enhances spaces with a warm glow, reminiscent of incandescent or halogen light sources.

PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

Available with The Naturals, a series of finishes that exude biophilic beauty.

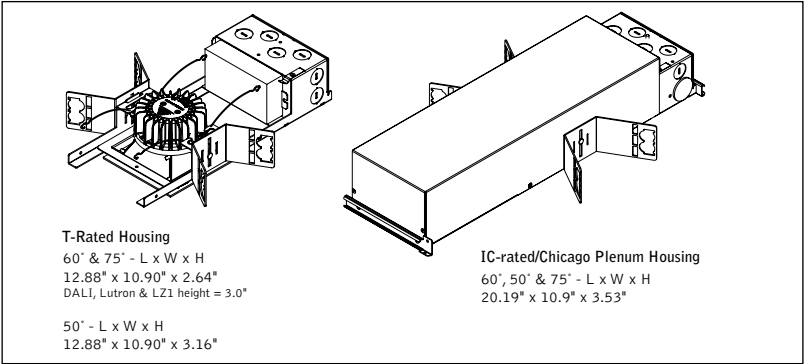
DISTRIBUTIONS



fixture:

project:

STANDARD WHITE HOUSING DETAILS



3.5" SQUARE WALL WASH PERFORMANCE TABLES

Based on Overlap, Tall Cone, Clear Diffuse. Delivered lumen output may vary +/- 5%. Actual wattage may vary +/- 5%

STANDARD WHITE				
CCT	Lumen Output	Delivered Lumens	System Watts	LPW
3500K, 80CRI	700L	712	11	64
	900L	913	16	56
	1100L	1104	19	58
	1300L	1299	22	58
	1500L	1533	26	59

STANDARD WHITE

HOUSING ORDERING

Housing Series ID+ 3.5" Square	FLC33W	FLC33W
Trim Type Square Die-Cast Overlap Square Die-Cast Trimless	SDO SDT	
Color Options Standard White, 80 & 90 CRI High 97 CRI	SW HC	
Lumen Output 700 Lumen 900 Lumen 1100 Lumen 1300 Lumen 1500 Lumen	700L 900L 1100L 1300L 1500L	
Voltage 120/277 Volt (IC-rated housing: SW - 1100lm max, HC - 900lm max. T-rated & TW housings: SW - 700lm max, HC not available.)	UNV	
120V 277V	120 277	
Low Voltage (IC-rated housing: SW - 1100lm max, HC - 900lm max. T-rated & TW housings: SW - 700lm max, HC not available.)	LV	
Control System & Dimming Level 0-10V <1% Dimming 0-10V - 1% Dimming 0-10V - 10% Dimming Low Voltage, PoE Compatible (No driver, LV voltage only.) Forward Phase (120V only) Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming DALI <1% Dimming DALI - 1% Dimming	LZ1 L11 LD1 LVN LFP LH1 DZ1 D11	
Housing Type IC-Rated / Airtight Thermally Protected, Non-IC Thermally Protected, Non-IC Wood (Trimless only, Wood kit required)	IC T TW	
Factory Options Bar Hangers Chicago Plenum Outdoor Rated**OD (LD1 driver and T-rated housing only. Not available with CP. See dimming performance table on page 5.)	BH CP OD	

TRIM & LED MODULE

Aperture 3.5" Square Reflector 3.5" Square AirtightReflector	LC33 LC33AT	
Trim Type Square Die-Cast Overlap Square Die-Cast Trimless	SDO SDT	
Color Options (Trim & housing must match) Standard White, 80 & 90 CRI High 97 CRI	SW HC	
Lumen Output (Trim & housing output must match) 700 Lumen 900 Lumen 1100 Lumen 1300 Lumen 1500 Lumen	700L 900L 1100L 1300L 1500L	
Color Temperature (Add 9 for 90 CRI or H for 97 CRI. Leave blank for 80 CRI. Examples: 2700K, 97 CRI = H27K. 2700K, 80 CRI = 27K.) 2700K, 80/90/97+ CRI 3000K, 80/90/97+ CRI 3500K, 80/90/97+ CRI 4000K, 80/90/97+ CRI	_27K _30K _35K _40K	
Optic Tall Cone with 50° cut-off Short Cone with 60° cut-off	WWT WWS	
Finish (See finishes page for The Naturals options) Clear Diffuse Warm Diffuse Black White	CD WD BK WH	
Optional Flange Finish (Overlap CD & WD finish only) (For matching finishes leave blank) Black Painted White Painted	BP WP	

ACCESSORIES

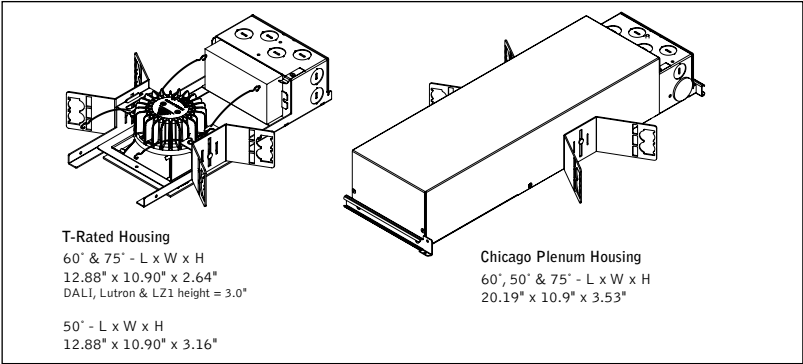
Trimless Wood Ceiling Installation Kit (One kit recommended per 10 downlights)	LC33- WOOD-KIT
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fixture:

project:

WARM DIM HOUSING DETAILS

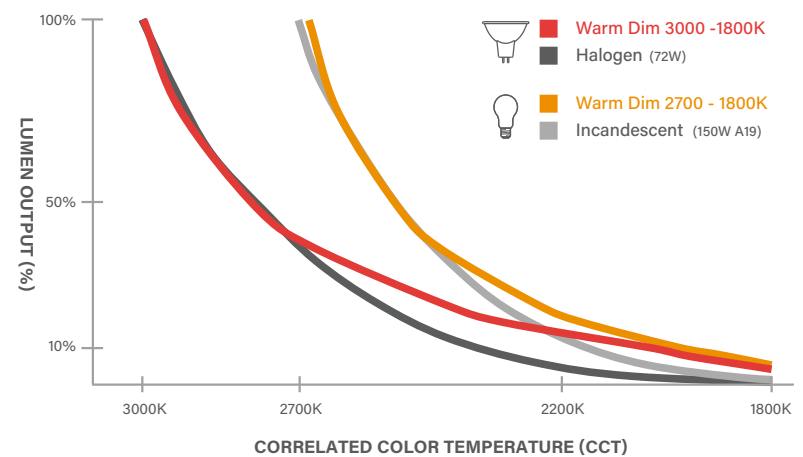


3.5" SQUARE WALL WASH PERFORMANCE TABLE

Based on Overlap, Tall Cone, Clear Diffuse. Delivered lumen output may vary +/- 5%. Actual wattage may vary +/- 5%

WD WARM DIM				
CCT Range	Lumen Output	Delivered Lumens	System Watts	LPW
2700 - 1800K	1100L	980	25	39
3000 - 1800K	1100L	1001	25	40

The 3000K to 1800K and 2700K to 1800K ranges mimic the black body curves of halogen and incandescent light sources, respectively.



WARM DIM

HOUSING ORDERING

Housing Series		FLC33W
ID+ 3.5" Square	FLC33W	
Trim Type		
Square Die-Cast Overlap	SDO	
Square Die-Cast Trimless	SDT	
Color Options		WDM
Warm Dim	WDM	
Lumen Output		1100L
1100 Lumen	1100L	
Voltage		
120V	120	
277V	277	
Control System & Dimming Level		
0-10V <1% Dimming	LZ1	
0-10V - 1% Dimming	L11	
0-10V - 10% Dimming	LD1	
Forward Phase (120V only)	LFP	
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming	LH1	
DALI <1% Dimming	DZ1	
DALI - 1% Dimming	D11	

Housing Type		
IC-Rated / Airtight	IC	
Thermally Protected, Non-IC	T	
Thermally Protected, Non-IC Wood	TW	
(Trimless only. Wood kit required)		
Factory Options		
Bar Hangers	BH	
Chicago Plenum	CP	
Outdoor Rated**	OD	

(LD1 driver and T-rated housing only. Not available with CP. See dimming performance table on page 5.)

TRIM & LED MODULE

Aperture		
3.5" Square Reflector	LC33	
3.5" Square AirtightReflector	LC33AT	
Trim Type		
Square Die-Cast Overlap	SDO	
Square Die-Cast Trimless	SDT	
Color Options		WDM
Warm Dim	WDM	
Lumen Output		1100L
1100 Lumen	1100L	
Color Temperature		
Warm Dim: 2700-1800K, 90+ CRI	92718W	
Warm Dim: 3000-1800K, 90+ CRI	93018W	
Optic		
Tall Cone with 50° cut-off	WWT	
Short Cone with 60° cut-off	WWS	
Finish		
(See finishes page for The Naturals options)		
Clear Diffuse	CD	
Warm Diffuse	WD	
Black	BK	
White	WH	
Optional Flange Finish		
(Overlap CD & WD finish only) (For matching finishes leave blank)		
Black Painted	BP	
White Painted	WP	

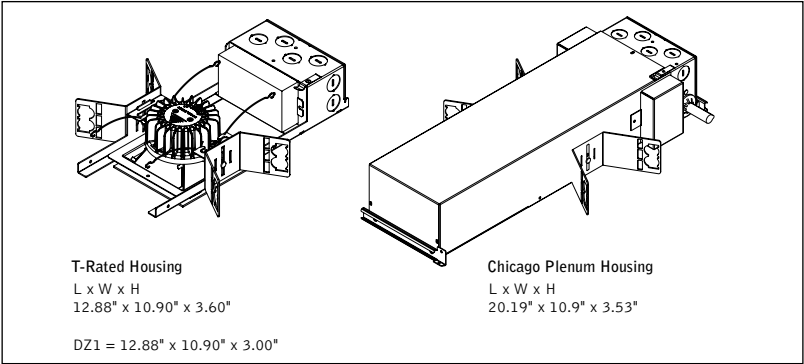
ACCESSORIES

Trimless Wood Ceiling Installation Kit	LC33- WOOD-KIT
(One kit recommended per 10 downlights)	

fixture:

project:

TUNABLE WHITE HOUSING DETAILS



3.5" SQUARE WALL WASH PERFORMANCE TABLES

Based on Overlap, Tall Cone, Clear Diffuse.. Delivered lumen output may vary +/- 5%. Actual wattage may vary +/- 5%

TUNABLE WHITE				
CCT	Lumen Output	Delivered Lumens	System Watts	LPW
2700K (2700-5000K & 2700-6500K)	700L	711	16	43
	900L	901	21	43
1800K (1800-4000K)	700L	709	24	30

The Comfort (1800K-4000K), Preference (2700K-5000K), and Activity (2700K-6500K) ranges give specifiers the tools to enhance spaces, mood, and alertness.

DAYLIGHT RANGE



1800K 6500K



TUNABLE WHITE

HOUSING ORDERING

Housing Series		FLC33W
ID+ 3.5" Square		
Trim Type		
Square Die-Cast Overlap		SDO
Square Die-Cast Trimless		SDT
Color Options		
Tunable White: 1800-4000K (700L only)		1840T
Tunable White: 2700-5000K		2750T
Tunable White: 2700-6500K		2765T
Lumen Output		
700 Lumen		700L
900 Lumen		900L
Voltage		
120V		120
277V		277
Control System & Dimming Level		
0-10V <1% Dimming		LZ1
DALI <1% Dimming		DZ1
(Default driver offers DT6 control. It requires two addresses, one for intensity & one for CCT tuning. Consult factory for DT8. Extended lead time apply.)		
Housing Type		
Thermally Protected, Non-IC		T
Thermally Protected, Non-IC Wood (Trimless only. Wood kit required)		TW
Factory Options		
Bar Hangers		BH
Chicago Plenum (2750T & 2765T only)		CP
TRIM & LED MODULE		
Aperture		
3.5" Square Reflector		LC33
3.5" Square Airtight Reflector		LC33AT
Trim Type		
Square Die-Cast Overlap		SDO
Square Die-Cast Trimless		SDT
Color Options		
(Trim & housing must match)		
Tunable White: 1800-4000K		1840T
Tunable White: 2700-5000K		2750T
Tunable White: 2700-6500K		2765T
Lumen Output		
(Trim & housing must match)		
700 Lumen		700L
900 Lumen		900L
Color Temperature		
Tunable White: 1800-4000K, 90+ CRI		91840T
Tunable White: 2700-5000K, 90+ CRI		92750T
Tunable White: 2700-6500K, 90+ CRI		92765T
Optic		
Tall Cone with 50° cut-off		WWT
Short Cone with 60° cut-off		WWS
Finish		
(See finishes page for The Naturals options)		
Clear Diffuse		CD
Warm Diffuse		WD
Black		BK
White		WH
Optional Flange Finish		
(Overlap CD & WD finish only) (For matching finishes leave blank)		
Black Painted		BP
White Painted		WP
ACCESSORIES		
Trimless Wood Ceiling Installation Kit (One kit recommended per 10 downlights)		LC33- WOOD-KIT

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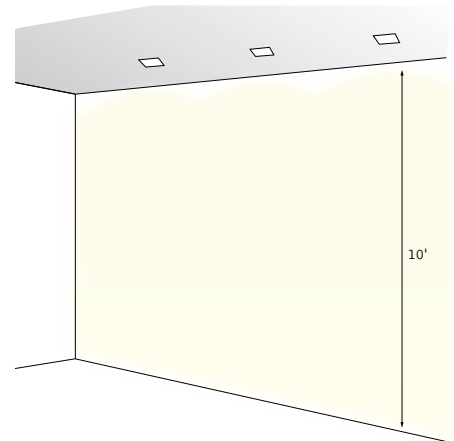
ID+ 3.5" x 3.5"

LED WALL WASH

WALL WASH DESIGN GUIDE - 1500 LUMEN, SHORT CONE (WWS) EXAMPLE

Calculation Point Distance from Ceiling		Footcandles									
		Fixtures 3' from Wall			Fixtures 3.5' from Wall			Fixtures 4' from Wall			
		3' OC	3.5' OC	4' OC	3' OC	3.5' OC	4' OC	3' OC	3.5' OC	4' OC	
1 - 0	3"	6 6 6	7 6 7	7 6 7	5 5 5	5 5 5	6 5 6	4 4 4	4 4 4	5 5 5	
	6"	9 9 9	10 9 9	10 9 10	7 7 7	8 7 7	8 7 7	6 6 6	6 6 6	6 6 6	
	9"	13 14 13	14 13 13	14 13 14	10 11 10	10 10 10	10 10 10	8 9 8	8 8 8	8 9 8	
	12"	17 18 17	17 17 17	17 16 17	13 14 12	13 13 13	12 13 12	10 11 10	10 10 10	10 10 10	
	2'	18 20 19	19 19 19	19 18 19	14 15 14	14 14 14	14 14 14	11 12 11	11 12 11	11 11 11	
	3'	25 28 25	24 26 24	23 24 23	19 21 19	18 20 18	17 18 17	15 17 15	14 15 14	14 15 14	
	4'	28 32 28	26 29 26	24 26 24	23 27 23	21 24 21	20 22 20	18 21 18	17 20 17	16 18 16	
	5'	25 29 25	23 27 23	22 24 22	23 26 23	21 25 21	20 23 20	20 23 20	19 22 19	17 20 17	
	6'	20 23 20	19 22 19	18 20 18	20 23 20	19 22 19	18 20 18	19 22 19	18 20 18	17 19 17	
	7'	17 19 17	16 18 16	15 17 15	17 19 17	16 18 16	15 17 15	17 19 17	16 18 16	15 17 15	
	8'	14 15 14	13 15 13	12 14 12	15 16 15	14 15 14	13 15 13	15 16 15	14 16 14	13 15 13	
	9'	12 13 12	11 12 11	11 12 11	12 14 12	12 13 12	11 13 11	13 14 13	12 13 12	11 13 11	
	10'	8 8 8	7 8 7	7 8 7	8 9 8	8 9 8	7 8 7	9 9 9	8 9 8	8 9 8	

IES File: FLC33W-SDO-SW-1500L-SDO-SW-1500L-35K-WWS-CD. Parameters: 80/50/20 reflectances, LLF=.09.



WALL WASH DESIGN GUIDE - 1500 LUMEN, TALL CONE (WWT) EXAMPLE

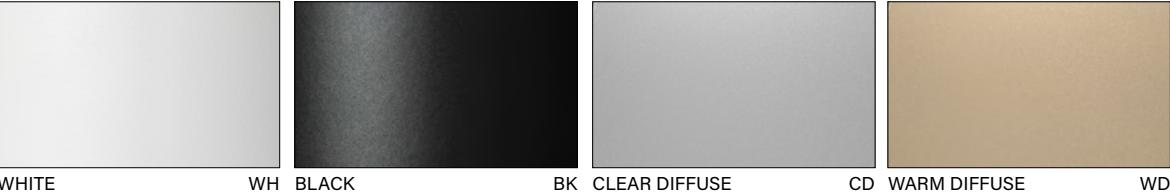
Calculation Point Distance from Ceiling		Footcandles								
		Fixtures 3' from Wall			Fixtures 3.5' from Wall			Fixtures 4' from Wall		
		3' OC	3.5' OC	4' OC	3' OC	3.5' OC	4' OC	3' OC	3.5' OC	4' OC
1 - 0	3"	4 4 4	4 4 4	5 4 5	3 3 3	4 3 4	4 4 4	3 3 3	3 3 3	3 3 3
	6"	6 6 6	6 6 6	7 6 7	4 4 4	5 5 5	5 5 5	4 4 4	4 4 4	4 4 4
	9"	9 10 9	10 9 10	10 9 10	7 7 7	7 7 7	7 7 7	5 6 5	6 6 5	6 6 6
	12"	12 13 12	12 12 12	13 12 12	9 10 9	9 9 9	9 9 9	7 8 7	7 7 7	7 8 7
2'		14 15 14	14 14 14	14 14 14	10 11 10	11 11 11	11 11 11	8 9 8	8 9 8	8 9 8
3'		17 18 17	16 17 16	16 16 16	13 15 13	13 14 13	13 13 13	11 12 11	10 11 10	10 11 10
4'		19 22 19	18 19 18	17 18 17	15 17 15	14 16 14	13 15 13	12 14 12	12 13 12	11 12 11
5'		19 23 19	18 20 18	17 18 17	16 19 16	15 17 15	14 16 14	13 16 13	13 14 13	12 13 12
6'		17 20 17	16 19 16	15 17 15	16 19 16	15 17 15	14 16 14	14 16 14	13 15 13	12 14 12
7'		15 17 15	14 16 14	13 15 13	14 17 15	14 16 14	13 15 13	14 16 14	13 15 13	12 14 12
8'		13 14 13	12 14 12	11 13 11	13 14 13	12 14 12	11 13 11	13 14 13	12 14 12	11 13 11
9'		11 12 11	10 12 10	10 11 10	11 13 11	11 12 11	10 12 10	11 13 11	11 12 11	10 12 10
10'		7 8 7	7 8 7	6 7 6	8 8 8	7 8 7	7 8 7	8 9 8	7 8 7	7 8 7

IES File: FLC33W-SDO-SW-1500L-SDO-SW-1500L-35K-WWT-CD. Parameters: 80/50/20 reflectances, LLF=.09.

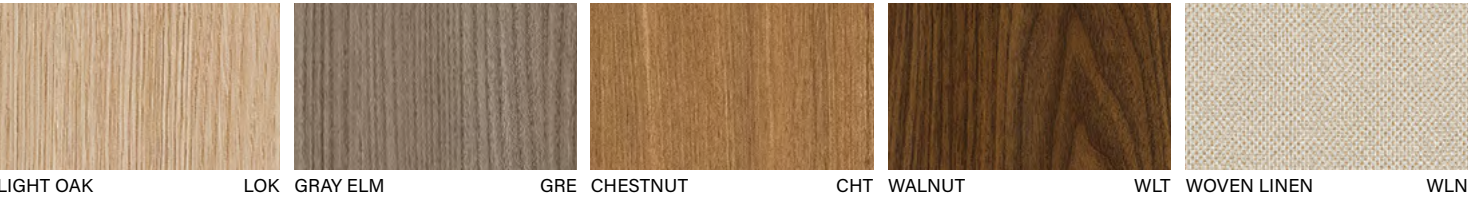
Finishes



STANDARD FINISHES



THE NATURALS (25% SCALE)



Color Lumen Multipliers

CRI	STANDARD WHITE CCT				WARM DIM CCT RANGES		TUNABLE WHITE CCT RANGES		
	2700	3000	3500	4000	2700-1800K	3000-1800K	1800-4000K	2700-5000K	2700-6500K
80+	0.92	0.98	1.00	1.01	-	-	-	-	-
90+	0.79	0.83	0.82	0.84	0.89	0.91	1.00	1.00	1.00
97	0.67	0.72	0.73	0.76	-	-	-	-	-

Distribution Lumen Multipliers

Trim Type	Optic	Distribution	Multiplier
Square Die-Cast Trimless [SDT]	Tall Cone with 50° cut-off [WWT]	Wall Wash	1.09
	Short Cone with 60° cut-off [WWS]	Wall Wash	1.32
Square Die-Cast Overlap [SDO]	Tall Cone with 50° cut-off [WWT]	Wall Wash	1.02
	Short Cone with 60° cut-off [WWS]	Wall Wash	1.22

Color Lumen Multipliers

Trim Type	Optic	Color	Multiplier
ALL	Tall Cone with 50° cut-off [WWT]	Clear Diffuse [CD]	1.00
		Warm Diffuse [WD]	0.94
		White [WH]	1.45
		Black [BK]	0.59
	Short Cone with 60° cut-off [WWS]	Clear Diffuse [CD]	1.00
		Warm Diffuse [WD]	0.92
		White [WH]	1.32
		Black [BK]	0.68
ALL	ALL	Woven Linen [WLN]	0.93
		Walnut [WLT]	0.45
		Gray Elm [GRE]	0.72
		Chestnut [CHT]	0.75
		Light Oak [LOK]	0.90

How To Use Lumen Multipliers

Formula:
(Lumen Output Value) x (Color Temperature & CRI) x (Distribution) x (Color)

Example:
LC33-SDO-SW-1100L-935K-WWS-WH
(1100) x (0.81) x (1.32) x (1.32) ≈ 1552lm (estimated delivered lumens)

Multiplier charts are provided to aid with estimation of lumen levels across options. Apply multipliers against ordered Lumen Output to estimate Delivered Lumens. An estimation should make use of all tables through consecutive application of three multipliers. Refer to IES files for most accurate photometric information.