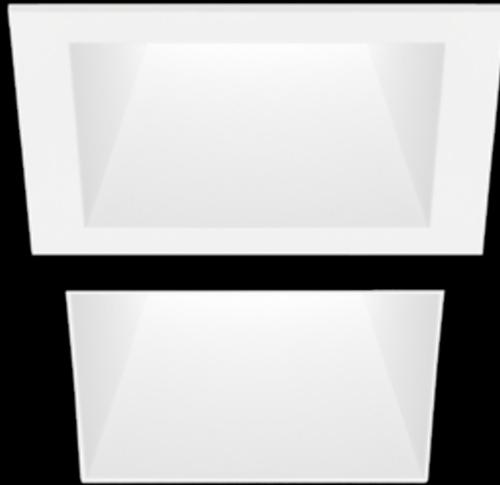


ID+ 3.5" x 3.5"

OVERLAP & TRIMLESS LED DOWNLIGHTS



Solite Trim



clear diffuse



warm diffuse



white painted



The Naturals collection - Chestnut shown



black painted



optional painted flange



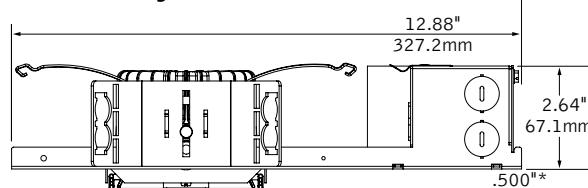
Wall Wash companion



Adjustable Accent companion

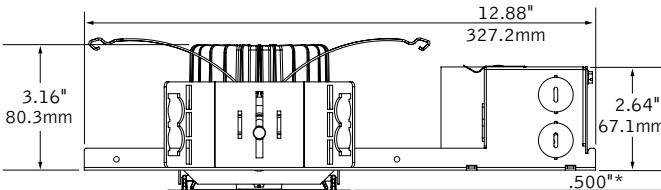
DIMENSIONAL DATA

Very Shallow Housing - 60° and 75° cut-off reflectors



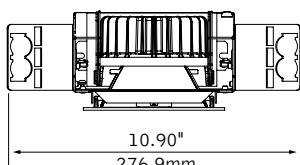
Housing height with DALI, Lutron & LZ1 drivers is 3.0"

Shallow Housing - 50° cut-off reflector

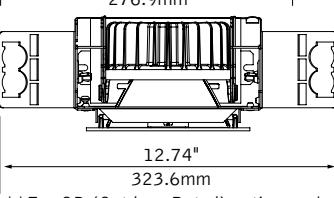
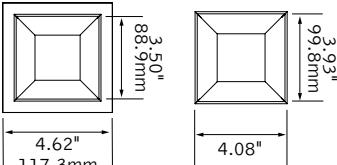


*Field adjustability of ceiling thickness from 0.5" - 1.5".

Overlap Trim



Trimless



**For OD (Outdoor Rated) options only.

FEATURES

Less than 2.64" low profile housing available.

50°, 60° and 75° cut-off reflector options available.

25° to 90° beam spreads support accent lighting, task lighting and general illumination.

Solite lens with die-cast trim allows for a coordinated aesthetic with ID+ 3.5" Adjustable Accent and delivers 70° or 90° beam spread options.

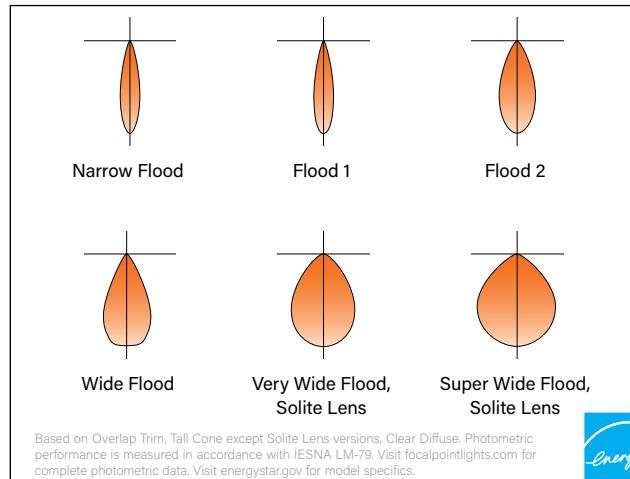
Tunable White: Supports human activity, well-being, and preferences with a light quality that evolves throughout the day.

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

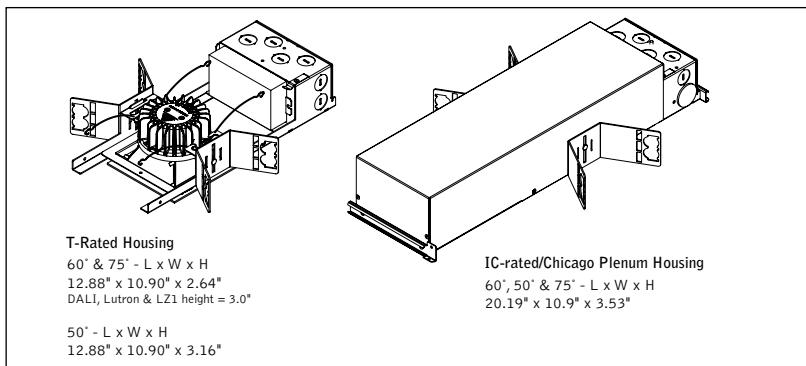


Based on Overlap Trim, Tall Cone except Solite Lens versions, Clear Diffuse. Photometric performance is measured in accordance with IESNA LM-79. Visit focalpointlights.com for complete photometric data. Visit energystar.gov for model specifics.



fixture:

project:

STANDARD WHITE HOUSING DETAILS**3.5" SQUARE DOWNLIGHT OPTICS**

Optic	Cut-Off Degree	Trim Type	Distribution Beam Spread Spacing Criteria					
			NFL	FL1	FL2	WFL	VWFL	SWFL
DNT	50°	Overlap	25° 0.42	34° 0.56	44° 0.70	52° 0.85	64° 0.97	-
		Trimless	24° 0.41	34° 0.56	45° 0.70	58° 0.86	66° 0.99	-
DNS	60°	Overlap	24° 0.41	34° 0.56	45° 0.70	59° 0.86	72° 1.01	-
		Trimless	24° 0.40	34° 0.56	45° 0.70	60° 0.88	69° 1.07	-
DSS	75°	Overlap	-	-	-	-	69° 0.99	92° 1.21
		Trimless	-	-	-	-	72° 0.99	92° 1.26

3.5" SQUARE DOWNLIGHT PERFORMANCE TABLES

Based on Overlap, Tall Cone, Wide Flood, 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	722	8	91
	900L	937	10	93
	1100L	1130	12	96
	1300L	1355	16	84
	1500L	1539	18	86
	1700L	1751	20	86
	1900L	1925	22	87
	2100L	2159	25	87

STANDARD WHITE**HOUSING ORDERING****Housing Series**

ID+ 3.5" Square

Trim Type

Square Die-Cast Overlap

Square Die-Cast Trimless

Color Options

Standard White, 80 & 90 CRI

High 97 CRI

Lumen Output

700 Lumen (Not available with Lutron or LFP)

900 Lumen (Not available with LFP)

1100 Lumen

1300 Lumen

1500 Lumen

1700 Lumen

1900 Lumen

2100 Lumen

Voltage

120/277 Volt

UNV

(IC-rated housing: SW - 1700lm max, HC - 1500lm max.

T-rated & TW housings: SW - 1100lm max, HC - 900lm max.)

120

277

LV

(IC-rated housing: SW - 1700lm max, HC - 1500lm max.

T-rated & TW housings: SW - 1100lm max, HC - 900lm max.)

Low Voltage

(IC-rated housing: SW - 1700lm max, HC - 1500lm max.

T-rated & TW housings: SW - 1100lm max, HC - 900lm max.)

Control System & Dimming Level

0-10V <1% Dimming

0-10V - 1% Dimming

0-10V - 10% Dimming

Low Voltage, Pole Compatible

(No driver. Not available with EMR. LV voltage only)

Forward Phase (120v only)

Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming

DALI <1% Dimming

DALI - 1% Dimming

Housing Type

IC-Rated / Airtight

Thermally Protected, Non-IC / Airtight

Thermally Protected, Non-IC Wood

(Trimless only. Wood kit required)

Factory Options

Bar Hangers

Chicago Plenum

Emergency Battery - Remote test switch*

(Overlap trim only. Not available with CP or

IC-rated housing. Above ceiling access required.)

Outdoor Rated** OD

(LD1 driver and T-rated housing only. Not available with

CP or EMR. See dimming performance table on page 5.)

LC33

Aperture

3.5" Square Reflector

LC33

Trim Type

Square Die-Cast Overlap

SDO

Square Die-Cast Trimless

SDT

Color Options

(Trim & housing must match)

Standard White, 80 & 90 CRI

High 97 CRI

Lumen Output

(Trim & housing output must match)

700 Lumen

900 Lumen

1100 Lumen

1300 Lumen

1500 Lumen

1700 Lumen

1900 Lumen

2100 Lumen

2100 Lumen

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

Super Short Cone with Solite Lens 75° cut-off (VWFL or SWFL only)

DNT

DNS

DSS

Distribution

NFL

FL1

FL2

WFL

VWFL

SWFL

Finish

(See finishes page for The Naturals options)

Clear Diffuse

Warm Diffuse

Black

White

Optional Flange Finish

(Overlap CD & WD finish only) (For matching finishes leave blank)

Black Painted

White Painted

BP

WP

ACCESORIES

Trimless Wood Ceiling Installation Kit

(One kit recommended per 10 downlights)

LC33-

WOOD-KIT



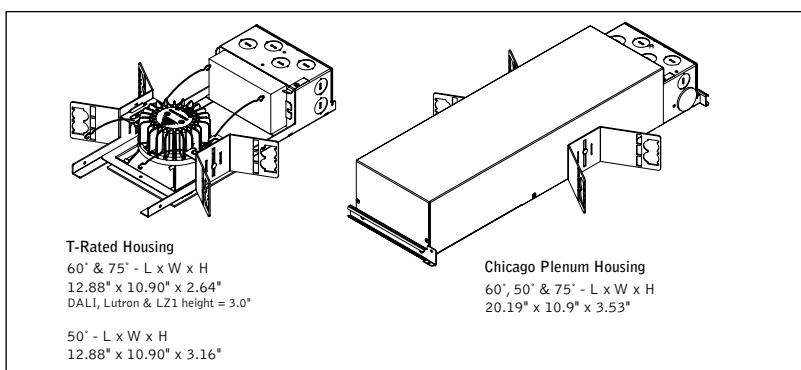
5/10 DAY* Options in orange qualify for the Quickship program. All options 5-day up to 200 pieces except Emergency Battery 10-day only.

Focal Point LLC reserves the right to change specifications for product improvement without notification.

fixture:

project:

WARM DIM HOUSING DETAILS



3.5" SQUARE DOWNLIGHT OPTICS

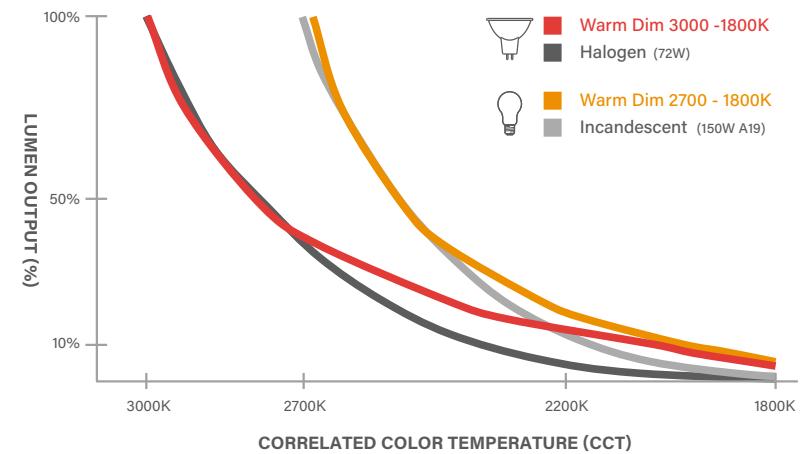
Optic	Cut-Off Degree	Trim Type	Distribution Beam Spread Spacing Criteria					
			NFL	FL1	FL2	WFL	VWFL	SWFL
DNT	50°	Overlap	25° 0.42	34° 0.56	44° 0.70	52° 0.85	64° 0.97	-
		Trimless	24° 0.41	34° 0.56	45° 0.70	58° 0.86	66° 0.99	-
DNS	60°	Overlap	24° 0.41	34° 0.56	45° 0.70	59° 0.86	72° 1.01	-
		Trimless	24° 0.40	34° 0.56	45° 0.70	60° 0.88	69° 1.07	-
DSS	75°	Overlap	-	-	-	-	69° 0.99	92° 1.21
		Trimless	-	-	-	-	72° 0.99	92° 1.26

3.5" SQUARE DOWNLIGHT PERFORMANCE TABLE

Based on Overlap, Tall Cone, Wide Flood, 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	1500L	1455	25	58
3000 - 1800K	1500L	1485	25	59

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 ID+ 3.5" Square FLC33D

Trim Type Square Die-Cast Overlap SDO
Square Die-Cast Trimless SDTColor Options Warm Dim WDM
Lumen Output 1500 Lumen 1500LVoltage 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 D11Housing Type IC-Rated / Airtight IC
Thermally Protected, Non-IC / Airtight T
Thermally Protected, Non-IC Wood TW
(Trimless only. Wood kit required)Factory Options Bar Hangers BH
Chicago Plenum CPOutdoor Rated** OD
(LD1 driver and T-rated housing only. Not available with CP or EMR. See dimming performance table on page 5.)

TRIM & LED MODULE

Aperture 3.5" Square Reflector LC33

Trim Type Square Die-Cast Overlap SDO
Square Die-Cast Trimless SDTColor Options Warm Dim WDM
Lumen Output 1500 Lumen 1500LColor Temperature Warm Dim: 2700-1800K, 90+ CRI 92718W
Warm Dim: 3000-1800K, 90+ CRI 93018WOptic Tall Cone with 50° cut-off DNT
Short Cone with 60° cut-off DNS
Super Short Cone with Solite Lens 75° cut-off (VWFL or SWFL only) DSSDistribution Narrow Flood NFL
Flood 1 FL1
Flood 2 FL2
Wide Flood WFL
Very Wide Flood VWFL
Super Wide Flood (DSS Optic only) SWFLFinish (See finishes page for The Naturals options)
Clear Diffuse CD
Warm Diffuse WD
Black BK
White WHOptional 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)

HOUSING SPECIFICATIONS

Construction

Thermally protected housing for new construction applications. Insulation to be kept 3" away from housing. Type IC inherently protected, suitable for direct contact with insulation. Restrictive airflow per ASTM-E283. Butterfly brackets allow mounting to 1/2" emt. Order bar hangers as an accessory. Die-cast aluminum heat sink designed for maximum thermal dissipation. Die-formed housing and integral junction box with (7) 1/2" pty outs. Accommodates ceiling thicknesses up to 0.5" standard, field adjustable up to 1.5" thickness. For thicker ceiling consult factory. Fixture will not exceed 5 lb. Trim is inherently airtight and may be used to obtain airtight rating when used with IC-rated or thermally protected, non-IC (T) housings.

Electrical

Choice of constant current dimming drivers. Power factor >.9 typical. PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

Emergency

Above ceiling access required. Overlap trim only. Emergency output - 7W for 90 minutes. Maximum mounting height — Clear Diffuse & White: 22.5ft. Black & Warm Diffuse: 15.3ft.

Labels

UL and cUL Listed. Suitable for Dry, Damp or Wet Locations, indoor use only. Specify Outdoor rated (OD) for outdoor recessed ceiling applications.

Outdoor Rated (OD) Driver Dimming Performance table

Lumen Output	Minimum Dimming Level
700L	20%
900L	16%
1100L	13%
1300L	10%
1500L	10%
1700L	10%
1900L	10%
2100L	10%

Lumen Maintenance

Reported: L70 at >55,000 hours
L90 at >55,000 hours

Calculated: L70 at 204,000 hours
L90 at 59,000 hours

Derived from EPA TM-21 calculator. Based on typical conditions, consult factory for additional data.

Reliability

At Focal Point, our products are designed to stand the test of time. Each luminaire is engineered using superior components, manufactured with the utmost care and rigorously tested. Contact us for reliability data.

Warranty

LED System rated for operation in ambient environments up to 25°C. 5-year limited warranty. Fixture with Outdoor rated option must be installed in a covered ceiling and is warranted for operation in ambient environments between -20°C to +40°C.

TRIM & LED SPECIFICATIONS

LED System

Proprietary array incorporates premium LEDs on a robust platform. May be specified in 2700K, 3000K, 3500K or 4000K, Warm Dimming (2700K-1800K and 3000K-1800K), or Tunable White (1800K-4000K, 2700K-5000K and 2700K-6500K), CRI>80, >90 or 97. 3500K and 4000K with CRI>90 have a cyanosis observation index (COI) of 3.3 or less. Color accuracy within 2 SDCM (Warm Dimming from 3-5 SDCM). Aluminum heat sink provides appropriate thermal management.

Aesthetics

Die-formed aluminum reflector ensures glare free optics. Torsion springs pull trim tight to the ceiling with no visible fasteners within the trim. The Naturals: 100% low VOC vinyl.

Optics

50-degree, 60-degree or 75-degree cut-off to light source and its image.



ID+ 3.5" Downlights Focal Point, LLC

Final Assembly: Chicago, Illinois, USA

Life Expectancy: 10 Year(s)

End of Life Options: Recyclable (55%), Landfill (45%)

Ingredients:

UNS G10080 Steel Alloy; Small Electrical Components - RoHS Compliant¹; Aluminum Alloy A380; Steel manufacture, chemicals; Carbonyl dichloride, polymer with 4,4'-(1-methylethylidene)bis[phenol], 4-(1-methyl-1-phenylethyl)phenyl ester; Copper; Zinc; **Polyvinyl chloride**; Polyimino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl]; Polymethyl methacrylate; Steel, carbon; Glass, oxide, chemicals; Carbon black; Titanium dioxide; Polyethylene; Polypropylene; **Benzene, ethenyl-, homopolymer, brominated**; **Bis(pentabromophenyl) ether (Decabromodiphenyl ether) (DecaBDE)**; UNS S30400 Stainless Steel Alloy; Polyethylene Terephthalate/Polybutylene Terephthalate; Polydimethylsiloxane rubber; Silica, amorphous, fumed, cryst.-free; Di(2-ethylhexyl) terephthalate; Antimony oxide (Antimony trioxide); Calcium carbonate; Clay; Phenol, 4,4'-(1-methylethylidene)bis(2,6-dibromo-, polymer with (chloromethyl)oxirane and 4,4'-(1-methylethylidene)bis[phenol]; Aluminum hydroxide; Nylon 6; **Tris (2-chloroethyl) phosphate (TCEP)**

¹LBC Temp Exception RL-002 - Small Electrical Components

Living Building Challenge Criteria:

I-13 Red List:

LBC Red List Free
 LBC Red List Approved
 Declared

% Disclosed: 100% at 100ppm
VOC Content: Not Applicable

I-10 Interior Performance: Not Applicable
I-14 Responsible Sourcing: Not Applicable

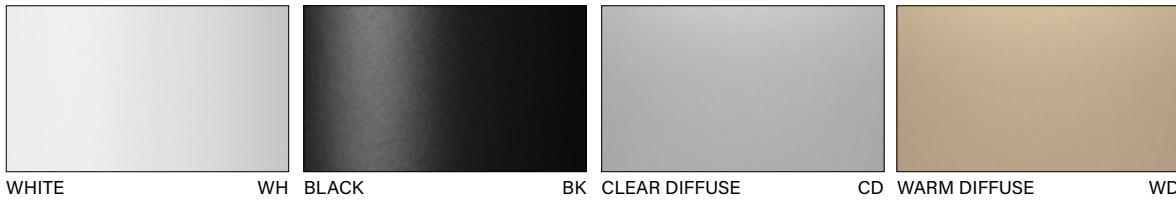
FPL-0007
EXP. 01 FEB 2027
Original Issue Date: 2024

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare

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	0.97	0.99	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 [DNT]	Narrow Flood [NFL]	0.93
		Flood 1 [FL1]	1.00
		Flood 2 [FL2]	0.92
		Wide Flood [WFL]	1.13
		Very Wide Flood [VWFL]	0.90
	Short Cone with 60° cut-off [DNS]	Narrow Flood [NFL]	0.95
		Flood 1 [FL1]	1.03
		Flood 2 [FL2]	0.98
		Wide Flood [WFL]	0.96
		Very Wide Flood [VWFL]	1.24
Square Die-Cast Overlap [SDO]	Tall Cone with 50° cut-off [DNT]	Narrow Flood [NFL]	0.94
		Flood 1 [FL1]	1.00
		Flood 2 [FL2]	0.93
		Wide Flood [WFL]	1.03
		Very Wide Flood [VWFL]	0.86
	Short Cone with 60° cut-off [DNS]	Narrow Flood [NFL]	0.95
		Flood 1 [FL1]	1.02
		Flood 2 [FL2]	0.97
		Wide Flood [WFL]	0.94
		Very Wide Flood [VWFL]	0.98
Square Die-Cast Trimless [SDT]	Super Short Cone with Solite Lens with 75° cut-off [DSS]	Very Wide Flood [VWFL]	1.07
		Super Wide Flood [SWFL]	1.02
Square Die-Cast Overlap [SDO]	Super Short Cone with Solite Lens with 75° cut-off [DSS]	Very Wide Flood [VWFL]	1.03
		Super Wide Flood [SWFL]	0.98

Color Lumen Multipliers

Trim Type	Optic	Color	Multiplier
ALL	Tall Cone with 50° cut-off [DNT]	Clear Diffuse [CD]	1.00
		Warm Diffuse [WD]	1.01
		White [WH]	1.23
		Black [BK]	0.79
ALL	Short Cone with 60° cut-off [DNS]	Clear Diffuse [CD]	1.00
		Warm Diffuse [WD]	0.89
		White [WH]	0.97
		Black [BK]	0.83
ALL	Super Short Cone with Solite Lens with 75° cut-off [DSS]	Clear Diffuse [CD]	1.00
		Warm Diffuse [WD]	0.99
		White [WH]	1.15
		Black [BK]	0.88
ALL	Woven Linen [WLN]	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-DNS-FL1-WH
(100) x (0.81) x (1.02) x (0.97) ≈ 882lm (estimated delivered lumens)

Multipplier 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.