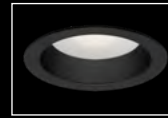
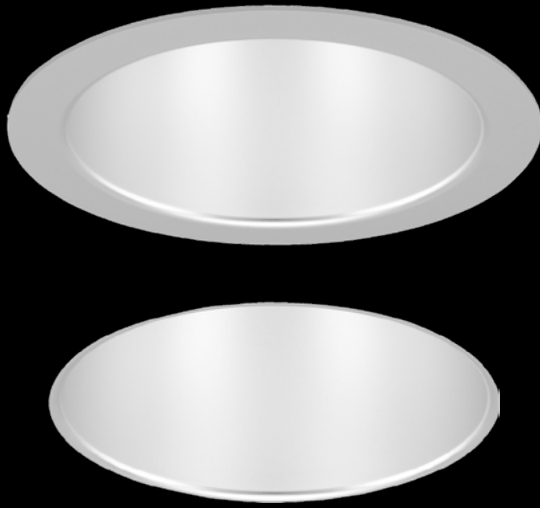


ID+ 3.5"

OVERLAP & TRIMLESS LED DOWNLIGHTS



Overlap Solite lens



Clear diffuse



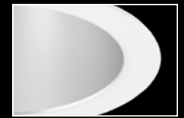
Warm diffuse



Black



White



Optional painted flanges



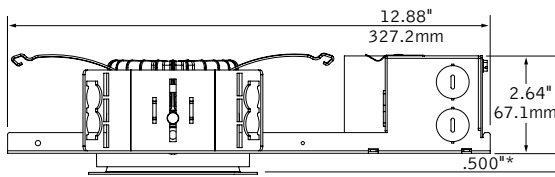
Wall Wash companion



Adjustable Accent companion

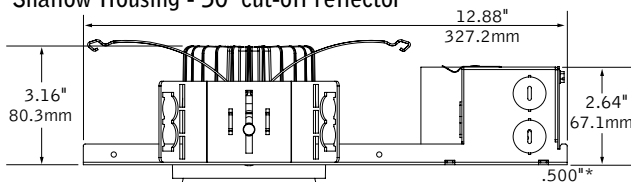
DIMENSIONAL DATA

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

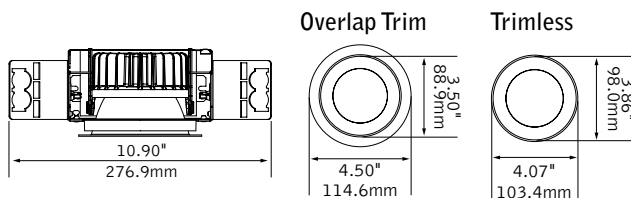


Housing height with DALI, Lutron & LZ1 drivers is 3.0"

Shallow Housing - 50° cut-off reflector



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



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.

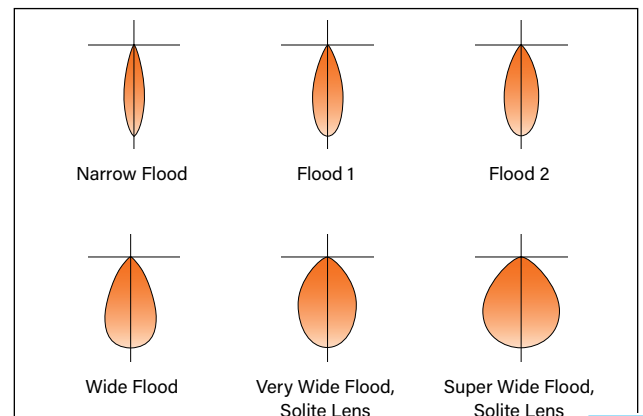
Tunable White: Supports human activity, well-being, and preferences with a light quality that evolves throughout the day.

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



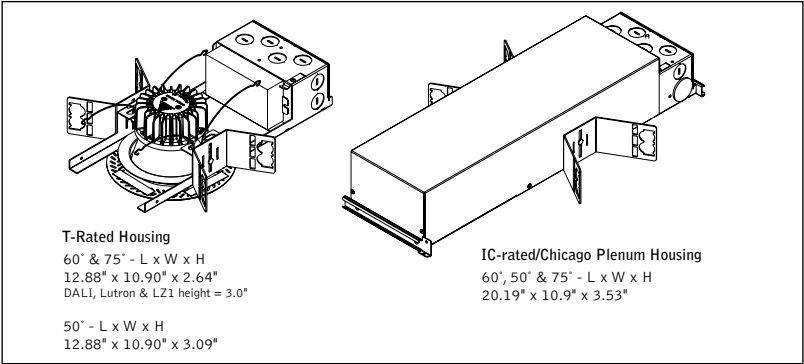
Based on Overlap Trim, Tall Cone except Solite Lens versions, Clear Diffuse. Photometric performance is measured in accordance with IESNA LM-79. Visit focalpointlights.com for complete photometric data. Visit energystar.gov for model specifics.



fixture:

project:

STANDARD WHITE HOUSING DETAILS



3.5" ROUND DOWNLIGHT OPTICS

Optic	Cut-Off Degree	Trim Type	Distribution Beam Spread Spacing Criteria					
			NFL	FL1	FL2	WFL	VWFL	SWFL
DNT		Overlap	25° 0.42	37° 0.62	44° 0.72	59° 0.89	67° 1.02	
		Trimless	26° 0.54	37° 0.62	44° 0.76	58° 0.87	-	-
DNS		Overlap	24° 0.42	34° 0.67	47° 0.81	54° 0.87	65° 0.99	
		Trimless	25° 0.42	37° 0.63	45° 0.75	56° 0.92	-	-
DSS		Overlap	-	-	-	-	73° 1.07	91° 1.26
		Trimless	-	-	-	-	74° 1.07	91° 1.24

3.5" ROUND DOWNLIGHT PERFORMANCE TABLES

Based on Overlap, Tail 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	721	8	90
	900L	919	10	94
	1100L	1112	12	96
	1300L	1298	16	83
	1500L	1484	17	85
	1700L	1682	19	86
	1900L	1909	22	87
	2100L	2144	25	86

QS 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.

STANDARD WHITE

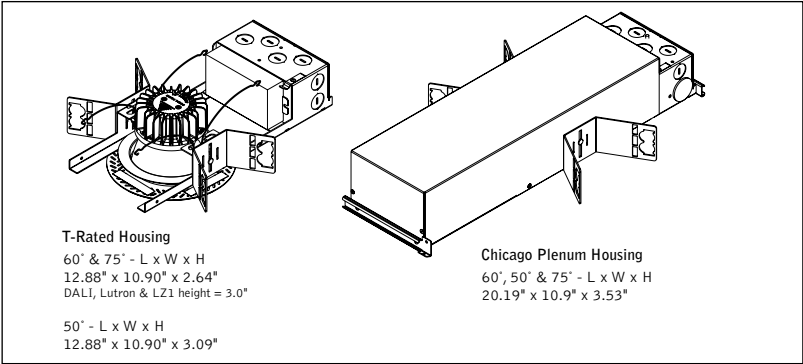
HOUSING ORDERING

Housing Series	FLC3D	FLC3D
ID+ 3.5" Round		
Trim Type		
Round Overlap	RO	
Round Trimless	RT	
Color Options		
Standard White, 80 & 90 CRI	SW	
High 97 CRI	HC	
Lumen Output		
700 Lumen (Not available with Lutron or LFP)	700L	
900 Lumen (Not available with LFP)	900L	
1100 Lumen	1100L	
1300 Lumen	1300L	
1500 Lumen	1500L	
1700 Lumen	1700L	
1900 Lumen	1900L	
2100 Lumen	2100L	
Voltage		
120/277 Volt	UNV	
(IC-rated housing: SW - 1700lm max., HC - 1500lm max. T-rated & TW housings: SW - 1100lm max., HC - 900lm max.)		
120V	120	
277V	277	
Low Voltage	LV	
(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	LZ1	
0-10V - 1% Dimming	L11	
0-10V - 10% Dimming	LD1	
Low Voltage, PoE Compatible (No driver. Not available with EMR. LV voltage only.)	LVN	
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 / Airtight	T	
Thermally Protected, Non-IC Wood (Trimless only. Wood kit required.)	TW	
Factory Options		
Bar Hangers	BH	
Chicago Plenum	CP	
Emergency Battery - Remote test switch* (Overlap trim only. Not available with CP or IC-rated housing. Above ceiling access required.)	EMR	
Outdoor Rated (LD1 driver and T-rated housing only. Not available with CP or EMR. See dimming performance table on page 5.)	OD	
TRIM & LED MODULE		
Aperture		LC3
3.5" Round Reflector	LC3	
Trim Type		
Round Overlap	RO	
Round Die-Cast Overlap (DSS only)	RDO	
Round Trimless	RT	
Round Die-Cast Trimless (DSS only)	RDT	
Color Options		
Standard White, 80 & 90 CRI	SW	
High 97 CRI	HC	
Lumen Output		
700 Lumen (Not available with Lutron or LFP)	700L	
900 Lumen (Not available with LFP)	900L	
1100 Lumen	1100L	
1300 Lumen	1300L	
1500 Lumen	1500L	
1700 Lumen	1700L	
1900 Lumen	1900L	
2100 Lumen	2100L	
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	_27K	
3000K, 80/90/97+ CRI	_30K	
3500K, 80/90/97+ CRI	_35K	
4000K, 80/90/97+ CRI	_40K	
Optic		
Tall Cone with 50° cut-off	DNT	
Short Cone with 60° cut-off	DNS	
Super Short Cone with Solite Lens 75° cut-off (Die-cast trims only. VWFL or SWFL only.)	DSS	
Distribution		
Narrow Flood	NFL	
Flood 1	FL1	
Flood 2	FL2	
Wide Flood	WFL	
Very Wide Flood (Overlap all optics. Trimless DSS only.)	VWFL	
Super Wide Flood (DSS only)	SWFL	
Finish		
(See finishes page for The Naturals options available on DSS optic only.)		
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)	LC3- WOOD-KIT	

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WARM DIM HOUSING DETAILS



3.5" ROUND DOWNLIGHT OPTICS

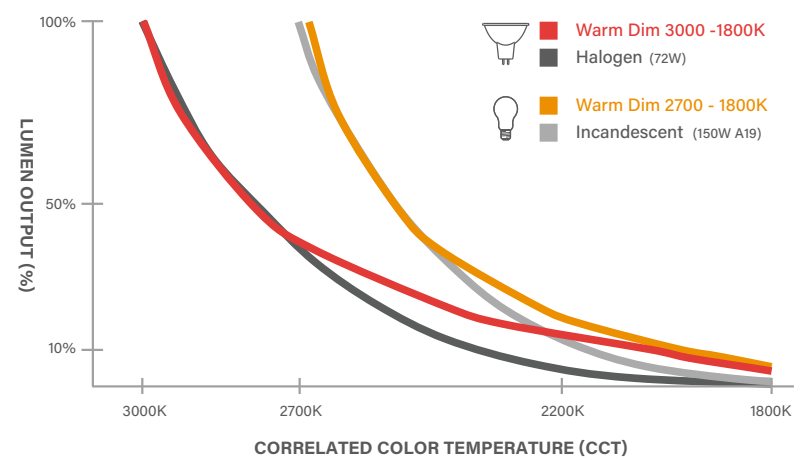
Optic	Cut-Off Degree	Trim Type	Distribution Beam Spread Spacing Criteria					
			NFL	FL1	FL2	WFL	VWFL	SWFL
DNT		Overlap	25° 0.42	37° 0.62	44° 0.72	59° 0.89	67° 1.02	
		Trimless	26° 0.54	37° 0.62	44° 0.76	58° 0.87	-	-
DNS		Overlap	24° 0.42	34° 0.67	47° 0.81	54° 0.87	65° 0.99	
		Trimless	25° 0.42	37° 0.63	45° 0.75	56° 0.92	-	-
DSS		Overlap	-	-	-	-	73° 1.07	91° 1.26
		Trimless	-	-	-	-	74° 1.07	91° 1.24

3.5" ROUND 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	1524	25	61
3000 - 1800K	1500L	1555	25	61

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	FLC3D
ID+ 3.5" Round	
Trim Type	
Round Overlap	RO
Round Trimless	RT
Color Options	WDM
Warm Dim	WDM
Lumen Output	1500L
1500 Lumen	1500L
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	
Thermally Protected, Non-IC / Airtight	T
Thermally Protected, Non-IC Wood (Trimless only. Wood kit required)	TW
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	LC3
3.5" Round Reflector	LC3
Trim Type	
Round Overlap	RO
Round Die-Cast Overlap (DSS only)	RDO
Round Trimless	RT
Round Die-Cast Trimless (DSS only)	RDT
Color Options	WDM
Warm Dim	WDM
Lumen Output	1500L
1500 Lumen	1500L
Color Temperature	
Warm Dim: 2700-1800K, 90+ CRI	92718W
Warm Dim: 3000-1800K, 90+ CRI	93018W

Optic	
Tall Cone with 50° cut-off	DNT
Short Cone with 60° cut-off	DNS
Super Short Cone with Solite Lens 75° cut-off (Die-cast trims only)	DSS
Distribution	
Narrow Flood	NFL
Flood 1	FL1
Flood 2	FL2
Wide Flood	WFL
Very Wide Flood (Overlap all optics. Trimless DSS only.)	VWFL
Super Wide Flood (DSS only)	SWFL
Finish	
(See finishes page for The Naturals options available on DSS optic only.)	
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

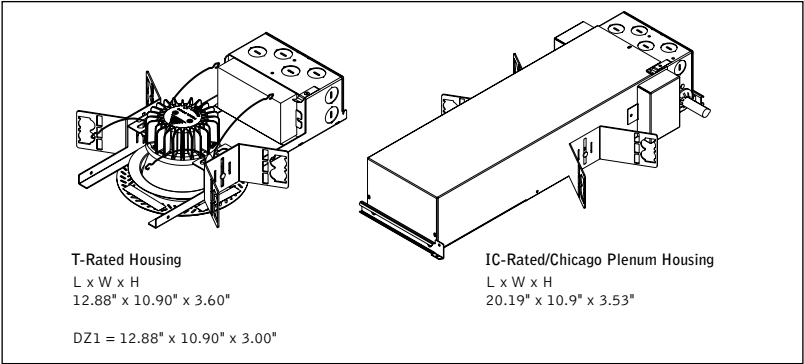
ACCESSORIES

Trimless Wood Ceiling Installation Kit (One kit recommended per 10 downlights)	LC3- WOOD-KIT
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TUNABLE WHITE HOUSING DETAILS



3.5" ROUND DOWNLIGHT OPTICS

Optic	Cut-Off Degree	Trim Type	Distribution Beam Spread Spacing Criteria					
			NFL	FL1	FL2	WFL	VWFL	SWFL
DNT		Overlap	25° 0.42	37° 0.62	44° 0.72	59° 0.89	67° 1.02	
		Trimless	26° 0.54	37° 0.62	44° 0.76	58° 0.87	-	-
DNS		Overlap	24° 0.42	34° 0.67	47° 0.81	54° 0.87	65° 0.99	
		Trimless	25° 0.42	37° 0.63	45° 0.75	56° 0.92	-	-
DSS		Overlap	-	-	-	-	73° 1.07	91° 1.26
		Trimless	-	-	-	-	74° 1.07	91° 1.24

3.5" ROUND DOWNLIGHT PERFORMANCE TABLES

Based on Overlap, Tall Cone, Wide Flood, 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	700	13	53
	900L	906	17	54
	1100L	1095	20	54
	1300L	1306	25	53
1800K (1800-4000K)	700L	701	20	36
	900L	898	25	37

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

DAYLIGHT RANGE



TUNABLE WHITE
HOUSING ORDERING

Housing Series	FLC3D
ID+ 3.5" Round	FLC3D
Trim Type	
Round Overlap	RO
Round Trimless	RT
Color Options	
Tunable White: 1800-4000K (900L max. T-rated housings only.)	1840T
Tunable White: 2700-5000K	2750T
Tunable White: 2700-6500K	2765T
Lumen Output	
700 Lumen	700L
900 Lumen	900L
1100 Lumen	1100L
1300 Lumen	1300L
Voltage	
120/277 Volt (2705T & 2765T only. IC housing only.)	UNV
120V	120
277V	277
Low Voltage (2705T & 2765T only. IC housing only.)	LV

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.)	
Low Voltage, PoE Compatible (No driver. Not available with EMR. LV voltage only.)	LVN
Housing Type	
IC-Rated / Airtight (700L only. 2750T or 2765T only.)	IC
Thermally Protected, Non-IC / Airtight	T
Thermally Protected, Non-IC Wood (Trimless only. Wood kit required)	TW
Factory Options	
Bar Hangers	BH
Chicago Plenum	CP
(2750T & 2765T; 1100L max. 1840T: 700L only.)	
Emergency Battery - Remote test switch (Overlap trim only. Not available with CP or IC-rated housing. Above ceiling access required.)	EMR

TRIM & LED MODULE

Aperture	LC3
3.5" Round Reflector	LC3
Trim Type	
Round Overlap	RO
Round Die-Cast Overlap (DSS only)	RDO
Round Trimless	RT
Round Die-Cast Trimless (DSS only)	RDT
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
1100 Lumen	1100L
1300 Lumen	1300L
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	DNT
Short Cone with 60° cut-off	DNS
Super Short Cone with Solite Lens 75° cut-off (Die-cast trims only)	DSS
Distribution	
Narrow Flood	NFL
Flood 1	FL1
Flood 2	FL2
Wide Flood	WFL
Very Wide Flood (Overlap all optics. Trimless DSS only.)	VWFL
Super Wide Flood (DSS only)	SWFL
Finish	
(See finishes page for The Naturals options available on DSS optic only.)	
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

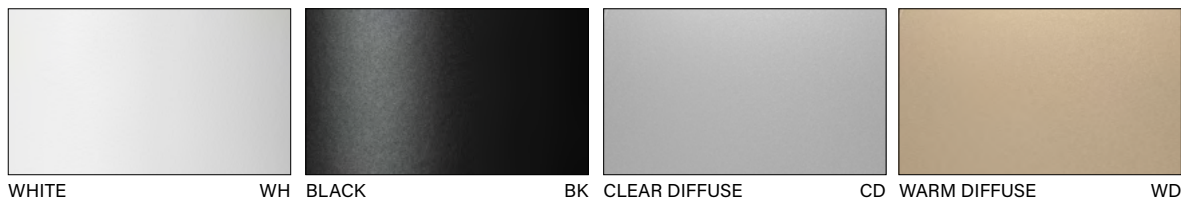
Trimless Wood Ceiling Installation Kit (One kit recommended per 10 downlights)	LC3- WOOD-KIT
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Finishes



STANDARD FINISHES



THE NATURALS (25% SCALE) - Available with Super Short Cone (DSS) only



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	1.02	1.04	1.00	1.00	1.00
97	0.67	0.72	0.73	0.76	-	-	-	-	-

Distribution Lumen Multipliers

Trim Type	Optic	Distribution	Multiplier
Round Trimless [RT]	Tall Cone with 50° cut-off [DNT]	Narrow Flood [NFL]	1.12
		Flood 1 [FL1]	0.92
		Flood 2 [FL2]	1.06
		Wide Flood [WFL]	0.92
	Short Cone with 60° cut-off [DNS]	Narrow Flood [NFL]	0.99
		Flood 1 [FL1]	0.96
		Flood 2 [FL2]	0.92
		Wide Flood [WFL]	0.95
Round Overlap [RO]	Tall Cone with 50° cut-off [DNT]	Narrow Flood [NFL]	0.97
		Flood 1 [FL1]	0.94
		Flood 2 [FL2]	1.09
		Wide Flood [WFL]	1.02
		Very Wide Flood [VWFL]	1.02
	Short Cone with 60° cut-off [DNS]	Narrow Flood [NFL]	0.98
		Flood 1 [FL1]	1.17
		Flood 2 [FL2]	1.11
		Wide Flood [WFL]	1.09
		Very Wide Flood [VWFL]	1.07
Round Die-Cast Trimless [RDT]	Super Short Cone with Solite Lens with 75° cut-off [DSS]	Very Wide Flood [VWFL]	1.00
		Super Wide Flood [SWFL]	0.95
Round Die-Cast Overlap [RDO]	Super Short Cone with Solite Lens with 75° cut-off [DSS]	Very Wide Flood [VWFL]	0.96
		Super Wide Flood [SWFL]	0.90

Color Lumen Multipliers

Trim Type	Optic	Color	Multiplier
Round Trimless [RT] and Round Overlap [RO]	Tall Cone with 50° cut-off [DNT]	Clear Diffuse [CD]	1.00
		Warm Diffuse [WD]	0.92
		White [WH]	1.09
		Black [BK]	0.46
	Short Cone with 60° cut-off [DNS]	Clear Diffuse [CD]	1.00
		Warm Diffuse [WD]	0.96
		White [WH]	1.12
		Black [BK]	0.62
Round Die-Cast Trimless [RDT] -and- Round Die-Cast Overlap [RDO]	Super Short Cone with Solite Lens with 75° cut-off [DSS]	Clear Diffuse [CD]	1.00
		Warm Diffuse [WD]	0.97
		White [WH]	1.16
		Black [BK]	0.86

How To Use Lumen Multipliers

Formula:

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

Example:

LC3-RO-SW-1100L-935K-DNS-FL1-WH
(1100) x (0.81) x (1.17) x (1.12) ≈ 1167lm (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.