

ID+ 3.5"

OVERLAP & TRIMLESS LED WALL WASH



clear diffuse



warm diffuse



Optional painted flanges



black painted



white painted



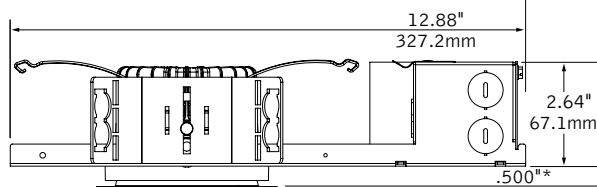
Downlight companion



Adjustable Accent companion

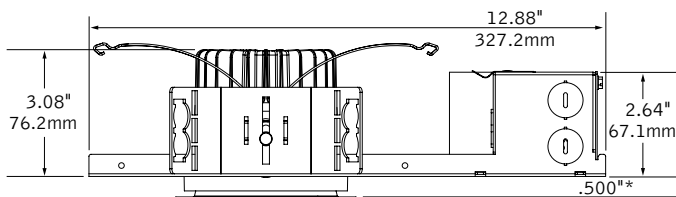
DIMENSIONAL DATA

60° cut-off reflector



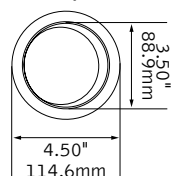
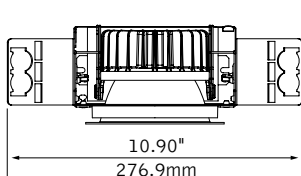
Housing height with DALI, Lutron & LZ1 drivers is 3.0"

50° cut-off reflector

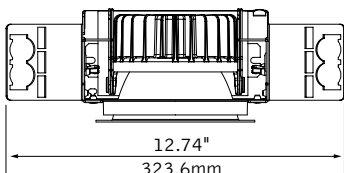
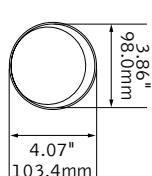


*Field adjustability of ceiling thickness from 0.5" - 1.5".

Overlap Trim



Trimless



**For OD (Outdoor Rated) options only.

FEATURES

Less than 2.64" low profile housing available.

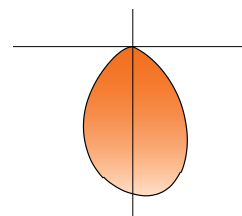
50° cut-off and 60° cut-off reflector options available.

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

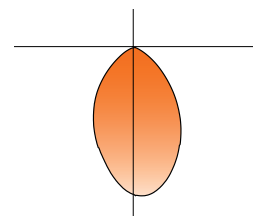
Warm Dim: Lighting that enhances spaces with a warm glow, reminiscent of incandescent or halogen light sources.

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

DISTRIBUTIONS



Overlap, Short 60°, Wall Wash



Trimless, Short 60°, Wall Wash

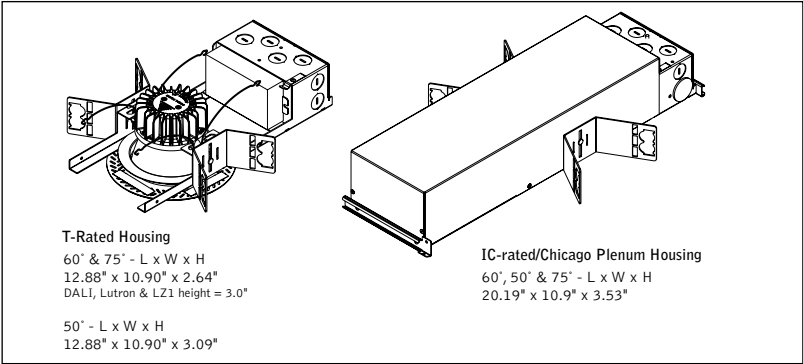
Photometric performance is measured in accordance with IESNA LM-79. Visit focalpointlights.com for complete photometric data. Visit energystar.gov for model specifics.



fixture:

project:

STANDARD WHITE HOUSING DETAILS



3.5" ROUND 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	726	8	87
	900L	907	10	89
	1100L	1102	14	77
	1300L	1311	17	79
	1500L	1516	19	81
	1700L	1712	21	81
	1900L	1903	23	82
	2100L	2130	26	82

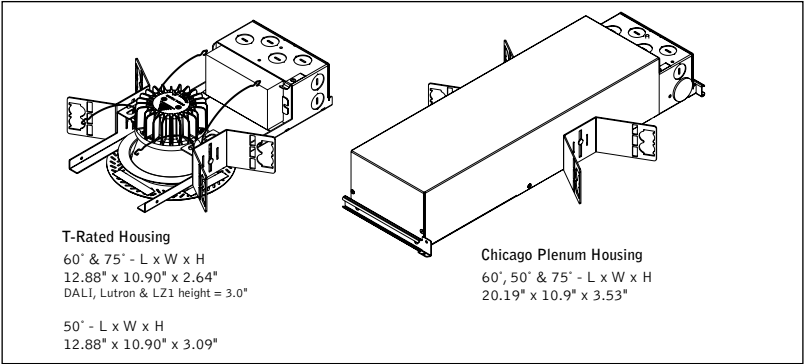
STANDARD WHITE

HOUSING ORDERING

Housing Series	FLC3W	FLC3W
ID+ 3.5" Round	FLC3W	
Trim Type		
Round Overlap	RO	
Round Trimless	RT	
Color Options		
Standard White, 80 & 90 CRI	SW	
High 97 CRI	HC	
Lumen Output		
700 Lumen	700L	
(Not available with Lutron or LFP)		
900 Lumen	900L	
(Not available with LFP)		
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	LT1	
0-10V - 10% Dimming	LD1	
Low Voltage, PoE Compatible	LVN	
(No driver. LV voltage only.)		
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" Round Reflector	LC3	
3.5" Round Airtight Reflector	LC3AT	
Trim Type		
Round Overlap	RO	
Round Trimless	RT	
Color Options		
(Trim & housing must match)		
Standard White, 80 & 90 CRI	SW	
High 97 CRI	HC	
Lumen Output		
(Trim & housing output must match)		
700 Lumen	700L	
900 Lumen	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	WWT	
Short Cone with 60° cut-off	WWS	
Finish		
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	LC3- WOOD-KIT	
(One kit recommended per 10 downlights)		

fixture: project:

WARM DIM HOUSING DETAILS

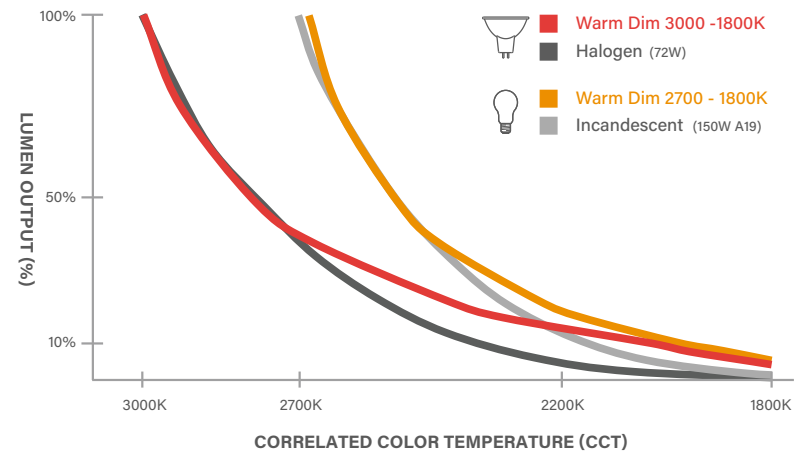


3.5" ROUND WALL WASH PERFORMANCE TABLE

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	1500L	1367	25	55
3000 - 1800K	1500L	1395	25	56

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



WARM DIM

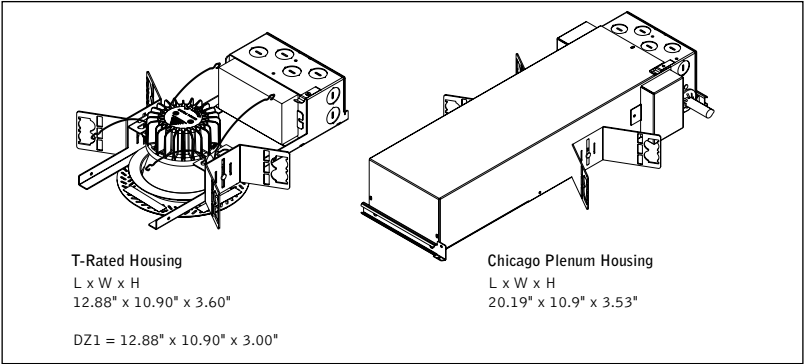
HOUSING ORDERING

Housing Series		FLC3W
ID+ 3.5" Round		
Trim Type		
Round Overlap	RO	
Round Trimless	RT	
Color Options		WDM
Warm Dim		
Lumen Output		1500L
1500 Lumen		
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 (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		
3.5" Round Reflector	LC3	
3.5" Round Airtight Reflector	LC3AT	
Trim Type		
Round Overlap	RO	
Round Trimless	RT	
Color Options		WDM
Warm Dim)		
Lumen Output		WDM
1500 Lumen		
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		
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	

fixture:

project:

TUNABLE WHITE HOUSING DETAILS



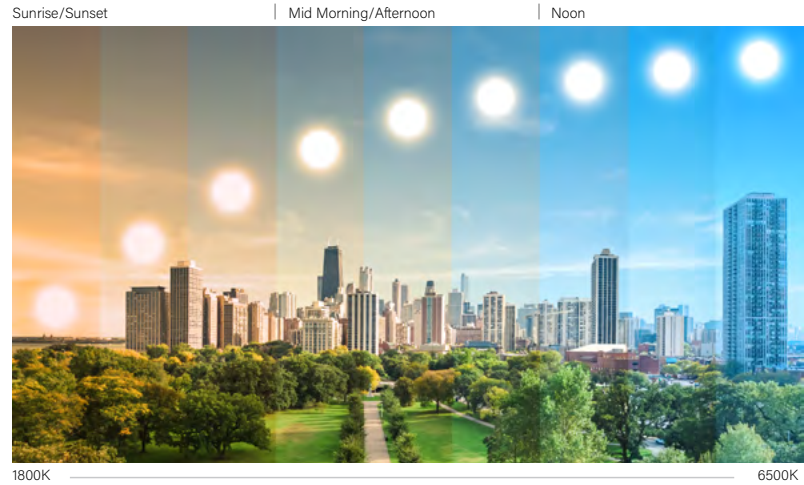
3.5" ROUND WALL WASH PERFORMANCE TABLES

Based on Overlap, Tail 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	710	15	47
	900L	899	19	47
	1100L	1116	24	46
1800K (1800-4000K)	700L	711	22	32

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 ID+ 3.5" Round	FLC3W	_____
Trim Type Round Overlap Round Trimless	RO RT	_____
Color Options Tunable White: 1800-4000K (700L only) Tunable White: 2700-5000K Tunable White: 2700-6500K	1840T 2750T 2765T	_____
Lumen Output 700 Lumen 900 Lumen 1100 Lumen	700L 900L 1100L	_____
Voltage 120V 277V	120 277	_____
Control System & Dimming Level 0-10V <1% Dimming DALI <1% Dimming (Default driver offers DT6 control. It requires two addresses, one for intensity & one for CCT tuning. Consult factory for DT8. Extended lead time apply.)	LZ1 DZ1	_____
Housing Type Thermally Protected, Non-IC Thermally Protected, Non-IC Wood (Trimless only. Wood kit required)	T TW	_____
Factory Options Bar Hangers Chicago Plenum (900L max. 2750T & 2765T only.)	BH CP	_____
TRIM & LED MODULE Aperture 3.5" Round Reflector 3.5" Round Airtight Reflector	LC3 LC3AT	_____
Trim Type Round Overlap Round Trimless	RO RT	_____
Color Options (Trim & housing must match) Tunable White: 1800-4000K Tunable White: 2700-5000K Tunable White: 2700-6500K	1840T 2750T 2765T	_____
Lumen Output (Trim & housing must match) 700 Lumen 900 Lumen 1100 Lumen	700L 900L 1100L	_____
Color Temperature Tunable White: 1800-4000K, 90+ CRI Tunable White: 2700-5000K, 90+ CRI Tunable White: 2700-6500K, 90+ CRI	91840T 92750T 92765T	_____
Optic Tall Cone with 50° cut-off Short Cone with 60° cut-off	WWT WWS	_____
Finish 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)	LC3- WOOD-KIT	_____

Construction

Electrical

Emergency

Labels

Outdoor Rated (OD) Driver Dimming Performance table

Lumen Maintenance

Reported: L70 at >55,000 hours	Calculated: L70 at 204,000 hours
L90 at >55,000 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. Color accuracy within 2 SDCM (Warm Dimming from 3-5 SDCM). 3500K and 4000K with CRI>90 have a cyanosis observation index (COI) of 3.3 or less. Aluminum heat sink provides appropriate thermal management.

Aesthetics

Parabolic reflector cone ensures glare free optics. DNT & DNS reflector is .050 spun aluminum. DSS reflector is die-cast aluminum. Trims are self-flanged. Non-painted trim matches reflector finish. Painted flange may also be specified.

Optics

50-degree or 60-degree cut-off to light source and its image. Wall wash features acrylic diffuser to provide smooth illumination down the wall.

Declare.

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; Carbonic dichloride, polymer with 4,4'-(1-methylethylidene)bis[phenol], 4-(1-methyl-1-phenylethyl)phenyl ester; Copper; Zinc; **Polyvinyl chloride**; Poly[imino(1,6-dioxo-1,6-hexanedyl)imino-1,6-hexanedyl]; 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	% Disclosed: 100% at 100ppm
☐ LBC Red List Approved	VOC Content: Not Applicable
☒ Declared	

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

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

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

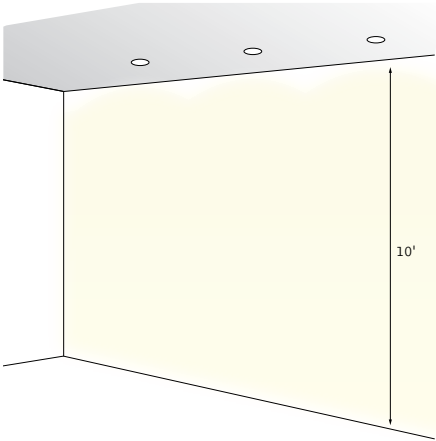
ID+ 3.5"

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"	5	4	4	5	5	5	5	5	5	4	4	4	4	4	4	4	3	3	3	3	3	3	3	4	4	3	4	4			
	6"	7	7	7	8	7	7	8	7	8	5	6	5	6	6	6	6	6	4	5	4	5	5	5	5	5	5	5	5			
	9"	11	11	11	11	11	11	11	11	11	8	9	8	8	8	8	8	8	6	7	6	7	7	6	7	7	7	7	7			
	12"	13	14	13	13	14	13	13	13	13	10	11	10	10	11	10	10	10	10	8	9	8	8	9	8	8	9	8	8	9	8	
2'		15	16	15	15	15	15	15	15	15	12	13	12	11	12	11	11	12	11	9	10	9	9	10	9	9	10	9	9	10	9	
3'		17	19	18	17	18	17	17	17	17	14	15	14	14	14	14	13	14	13	11	13	11	11	12	11	11	12	11	11	12	11	
4'		19	22	19	19	20	19	18	19	18	16	17	16	15	16	15	14	15	14	13	14	13	12	13	12	11	13	11	11	13	11	
5'		18	21	18	17	20	17	16	18	16	16	19	16	15	17	15	14	16	14	14	16	14	13	15	13	12	14	12	12	14	12	
6'		16	19	16	15	17	15	14	16	14	15	17	15	14	16	14	13	15	13	14	16	14	13	15	13	12	14	12	12	14	12	
7'		14	16	14	13	15	13	12	14	12	14	15	14	13	15	13	12	14	12	13	15	13	12	14	12	11	13	11	11	13	11	
8'		12	13	12	11	13	11	11	12	11	12	13	12	11	13	11	11	12	11	12	13	12	11	12	11	10	12	10	10	12	10	
9'		10	11	10	10	11	10	9	10	9	11	12	11	10	11	10	9	11	9	10	11	10	10	11	10	9	11	9	9	11	9	
10'		7	7	7	6	7	6	6	7	6	7	8	7	7	7	7	6	7	6	7	8	7	7	8	7	6	7	8	7	6	7	6

IES File: FLC3W-RO-SW-1500L-RO-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
0'-1"	3"	6 6 6	7 6 7	7 6 7	5 5 5	5 5 5	5 5 6	4 4 4	4 4 4	5 5 5
	6"	9 9 9	9 9 9	10 9 10	7 7 7	7 7 7	8 7 7	6 6 6	6 6 6	6 7 6
	9"	13 14 13	13 13 13	13 13 13	10 11 10	10 10 10	10 10 10	8 9 8	8 9 8	8 9 8
	12"	16 17 16	16 16 16	16 16 16	12 13 12	12 13 12	12 13 12	10 11 10	10 10 10	10 11 10
2'		17 19 17	18 18 18	18 17 18	14 15 14	14 14 14	13 14 13	11 12 11	11 12 11	11 12 11
3'		21 23 21	20 21 20	20 20 20	17 18 17	16 17 16	16 17 16	13 15 14	13 14 13	13 14 13
4'		22 24 22	21 23 21	20 21 20	18 20 18	17 19 17	16 18 16	15 17 15	14 16 14	14 15 14
5'		22 25 22	20 23 21	19 21 19	18 21 18	17 19 17	16 18 16	16 17 16	15 16 15	14 16 14
6'		20 23 20	19 21 19	18 20 18	18 20 18	17 19 17	16 18 16	16 18 16	15 17 15	14 16 14
7'		18 20 18	16 19 16	15 17 15	17 19 17	16 18 16	15 17 15	15 17 15	14 16 14	14 15 14
8'		15 17 15	14 16 14	13 15 13	15 17 15	14 16 14	13 15 13	14 16 14	14 15 14	13 15 13
9'		13 15 13	13 14 13	12 13 12	13 15 13	13 14 13	12 14 12	13 14 13	12 14 12	12 13 12
10'		9 9 9	8 9 8	8 9 8	9 10 9	9 10 9	8 9 8	9 10 9	9 10 9	8 9 8

IES File: FLC3W-RO-SW-1500L-RO-SW-1500L-35K-WWT-CD. Parameters: 80/50/20 reflectances, LLF=.09.

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	0.91	0.93	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 [WWT]	Wall Wash	1.03
	Short Cone with 60° cut-off [WWS]	Wall Wash	1.10
Round Overlap [RO]	Tall Cone with 50° cut-off [WWT]	Wall Wash	1.01
	Short Cone with 60° cut-off [WWS]	Wall Wash	1.10

Color Lumen Multipliers

Trim Type	Optic	Color	Multiplier
ALL	Tall Cone with 50° cut-off [WWT]	Clear Diffuse [CD]	1.00
		Warm Diffuse [WD]	0.91
		White [WH]	1.08
		Black [BK]	0.46
	Short Cone with 60° cut-off [WWS]	Clear Diffuse [CD]	1.00
		Warm Diffuse [WD]	0.93
		White [WH]	1.11
		Black [BK]	0.56

How To Use Lumen Multipliers

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

Example:
LC3-RO-SW-1100L-935K-WWS-WH
(1100) x (0.81) x (1.10) x (1.11) ≈ 1088lm (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.