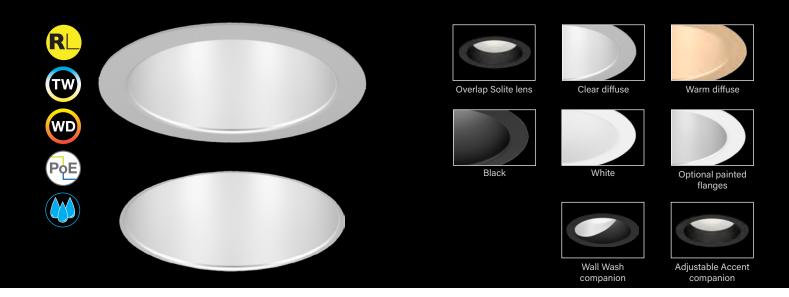
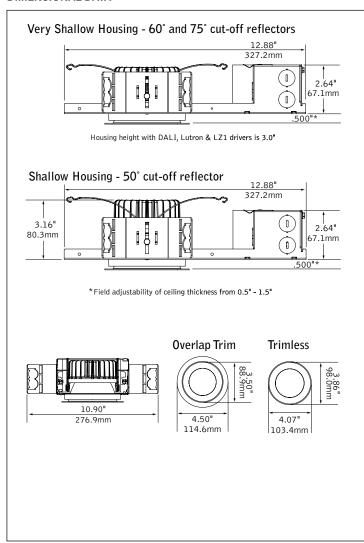
OVERLAP & TRIMLESS LED DOWNLIGHTS





DIMENSIONAL DATA



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.

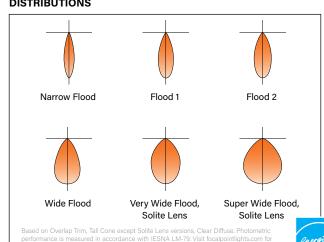
Solite lens with die-cast trim allows for a coordinated aesthetic with ID+ 3.5" Adjustable Accent and delivers 70° or 90° beam spread options.

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.

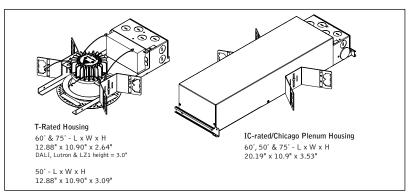
PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

DISTRIBUTIONS



fixture: project:

STANDARD WHITE HOUSING DETAILS



3.5" ROUND DOWNLIGHT OPTICS

	Optic	Cut-Off	Trim Type	Distribution Beam Spread Spacing Criteria						
		Degree		NFL	FL1	FL2	WFL	VWFL	SWFL	
	DNT	√ 50°	Overlap	25° 0.42	37° 0.62	44° 0.72	59° 0.89	67° 1.02		
	DINI		Trimless	26° 0.54	37° 0.62	44° 0.76	58° 0.87	-	-	
	DNS	60°	Overlap	24° 0.42	34° 0.67	47° 0.81	54° 0.87	65° 0.99		
	DINS		Trimless	25° 0.42	37° 0.63	45° 0.75	56° 0.92	-	-	
ı	DSS	∠ 75°	Overlap	-	-	-	-	73° 1.07	91° 1.26	
	DSS		Trimless	-	-	-	-	74° 1.07	91° 1.24	

3.5" ROUND DOWNLIGHT PERFORMANCE TABLES

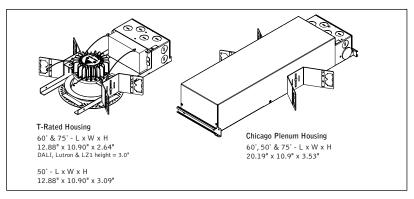
ased on Overlap, Tall Cone, Wide Flood, Clear Diffuse. Delivered lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

		STANDARD WHITE		
ССТ	Lumen Output	Delivered Lumens	System Watts	LPW
	700L	721	8	90
	900L	919	10	94
	1100L	1112	12	96
3500K,	1300L	1298	16	83
80CRI	1500L	1484	17	85
	1700L	1682	19	86
	1900L	1909	22	87
	2100L	2144	25	86

DALL < 19% Dimming D11 Housing Type IC			
Housing Series ID+3.5 PROUNT FLC3D Trim Type Round Overlap Round O	STANDARD WHITE		
Trim Type Round Overlap Round TrimBes RT Color Options Standard White, 80 & 90 CRI High 97 CRI Lumen Output 700 Lumen (Note available with Lutron or LPP) 900 Lumen (Note available with Lumen or LPP) 900 Lumen (Note available with LPP) 900 Lumen (Note available with CPP or LNM. Seed mining performance table on gas of the CPP of LNM. Seed mining performance table on gas of LNM. Provaded housing SW. 1000m max. 1-1 (Note available with CPP or LNM. Seed mining performance table on gas of LNM. Provaded Phase (120 or LNM. Forward Phas	HOUSING ORDERING		
Round Trimbes RT Color Options Standard White, 80 & 90 CRI High 97 CRI Lumen Output 700 Lumen (Note available with Lutron or LPP) 900 Lumen (Note available with CPP or LMR. See demining performance table on page of Day 100 Lumen (Note available with CPP or LMR. See demining performance table on page of Day 100 Lumen (Note available with CPP or LMR. See demining performance table on page of Day 100 Lumen (Note available with CPP or LMR. See demining performance table on page of Day 100 Lumen (Note available with CPP or LMR. See demining performance table on page of Day 100 Lumen (Note available with CPP or LMR. See demining performance table on page of Day 100 Lumen (Note available with CPP or LMR. See demining performance table on page of Day 100 Lumen (Note available with Lumen output (Note available with CP) (Note available with CP) (Note availab	Housing Series ID+ 3.5" Round	FLC3D	FLC3D
Standard White, 80 & 80 CRI Color Options Standard White, 80 & 80 CRI High 97 CRI Lumen Output TOO Lumen (Not available with Lumen output) Tool Lumen (1900 Lumen 1900 Lumen 190		BO	
Standard White, 80 & 90 CRI Lumen Output Too Lumen (Not available with Life) 97 CRI Lumen (Not available with Life) 900 Lumen (Not available with Life) 900 Lumen 1300 Lumen 1300L 1200 Lumen 1300L 1200 Lumen 1300L 1200 Lumen 1200L 1200 Lumen 1300L 1200 Lumen 130	Round Trimless		
Tool Lumen Not available with LEPP 900L 900	Standard White, 80 & 90 CRI		
900 Lumen (Not available with LFP) 900L 1100 Lumen 1300 Lumen 1300 Lumen 1300 Lumen 1300 Lumen 1500 Lumen 1500 Lumen 1500 Lumen 1500 Lumen 1500 Lumen 1900	Lumen Output		
1300 Lumen 1500 Lumen 150	900 Lumen (Not available with LFP)	900L	
1700 Lumen 170	1300 Lumen	1300L	
Content Cont	1700 Lumen	1700L	
(IC-rated housing: SW - 1700lm max, HC - 900lm max.) T-rated & TW housing: SW - 1700lm max, HC - 900lm max.) Low Voltage (IC-rated housing: SW - 1700lm max, HC - 900lm max.) Control System & Dimming UV Low Voltage (IC-rated housing: SW - 1700lm max, HC - 900lm max.) Control System & Dimming UV Low Voltage, PoE Compatible (No driver. Not a meliable with Phase (prop. 1904) (No driver. Not a meliable with Phase (prop. 1904) (No driver. Not a meliable with Phase (prop. 1904) (No driver. Not a meliable with Phase (prop. 1904) (No driver. Not a meliable with Phase (prop. 1904) (No driver. Not a meliable with Phase (prop. 1904) (No driver. Not a meliable with Phase (prop. 1904) (No driver. Not a meliable with Phase (prop. 1904) (No driver. Not a meliable with Phase (prop. 1904) (No driver. Not a meliable with Phase (prop. 1904) (No driver. Not a meliable with Phase (prop. 1904) (No driver. Not a meliable with Phase (prop. 1904) (Thermally Protected, Non-IC / Artright Thermally Pro	2100 Lumen		
(IC-rated housing: SW - 1700lm max, HC - 1800lm max) T-rated & TW housings: SW - 1700lm max, HC - 900lm max) Control System & Dimming Level 0-10V - 19% Dimming 0-10V - 19% Dimming 10 - 10V - 19% Dimming 11	120/277 Volt	UNV	
(iC-rated housing: SW - 1700lm max, HC - 1500lm max, LV - 1700lm max, HC -		120	
(C-rated housing: SW - 1700lm max, HC - 1500lm mixs T-rated & TW housings: SW - 1700lm max, HC - 1500lm mixs Control System & Dimming Level 0-10V - 19% Dimming 0-10V - 19% Dimming 10-10V - 19% Dimmi	277V	277	
0-10V -1% Dimming O-10V -10% Dimming L10 LVN Voltage, POE Compatible (No driver. Not available with EMR. LV voltage only) Forward Phase (EVO only) utron Hi-Lume EcoSystem (LDEI) -1% Dimming DALI -1% DALI -1% DIMMING DALI -1% DAL	(IC-rated housing: SW - 1700lm max., HC - 1500lm max. T-rated & TW housings: SW - 1100lm max., HC - 900lm max.)		
O-10V - 1% Dimming LDI LDI LOW Voltage, PoE Compatible (No driver. Not available with EMR. LV voltage only) Forward Phase (120 only) LTP LANGE (Not All 1998) Dimming DALI - 1% DIMING DALI - 1% DIMMING DALI - 1%	Control System & Dimming Level	LZ1	
utron Hi-Lume EcoSystem (LDEI) - 1% Dimming DALI < 1% Dimming DALI < 1% Dimming DALI < 1% Dimming DTI Housing Type Inc. Reted / Airtight Thermally Protected, Non-IC (Airtight Thermally	0-10V - 1% Dimming		
utron Hi-Lume EcoSystem (LDEI) - 1% Dimming DALI - 1% Dimming DAI DALI - 1% Dimming DI DALI - 1% DIMMINISTRE DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DE DESCRIPT	Low Voltage, PoE Compatible (No driver. Not available with EMR. LV voltage only.)		
DALI - 1% Dimming Housing Type IC-Rated / Airtight Thermally Protected, Non-IC Vood (Trineless only Wood kit required) Factory Options Bar Hangers BH Chicago Plenum CP Chicag	utron Hi-Lume EcoSystem (LDE1) - 1% Dimming	LH1	
Thermally Protected, Non-IC / Airtight Thermally Protected, Non-IC / Airtight Thermally Protected, Non-IC Wood (Trimies only Wood kit required) Factory Options Bar Hangers Chicago Plenum CP Emergency Battery - Remote test switch* (Overlap trim only, Not available with CP or IC-rated housing, Above ceiling access required) Outdoor Rated (LDI 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" Round Reflector Trim Type Round Overlap (Dss only) Round Trimless Round Die-Cast Overlap (Dss only) Round Trimless Round Die-Cast Trimless (Dss only) Round Trimless Round Die-Cast Verlag (Die Round) Round Trimless Round Die-Cast Verlag (Die Round) Round Trimless Round Die-Cast Verlag (Die Round) Round Trimless			
Thermally Protected, Non-IC / Airtight Thermally Protected, Non-IC Wood TW Thermally Protected, Non-IC Wood TW Factory Options Bar Hangers Chicago Plenum CP Emergency Battery - Remote test switch* (Overlap trim only, Not available with CP or IC-rated housing, Above ceiling access required.) Outdoor Rated (Outdoor Rated Outdoor Rated Out	Housing Type IC-Rated / Airtight	IC	
Color Options Standard White, 80 & 90 CR High 97 CR Lumen Output	Thermally Protected, Non-IC / Airtight	T	
Chicago Plenum Emergency Battery - Remote test switch* (Overlap trim only, Not available with CP or IC-rated housing. Above ceiling access required.) OUtdoor Rated (LDI 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" Round Reflector Trim Type Round Overlap Round Die-Cast Overlap (pos only) Round Trimless Round Die-Cast Trimless (pss only) Round Trimless Round Die-Cast Trimless (pss only) Color Options Standard White, 80 & 90 CRI High 97 CRI Lumen Output 700 Lumen (Not available with LPP) 900 Lumen (Not available with LPP) 1100 Lumen 1500 Lu	(Trimless only. Wood kit required)		
Emergency Battery - Remote test switch* (Overlap tim only Not available with CP or IC-rated housing. Above ceiling access required.) Outdoor Rated (LDI 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" Round Reflector Trim Type Round Overlap Round Die-Cast Overlap (pss only) Round Trimless Round Die-Cast Trimless (pss only) Round Trimless Round Trimless R	· · · · · · · · · · · · · · · · · · ·		
(LDI driver and T-rated housing only. Not available with CP or EMR. See dimmiring performance table on page 5) TRIM & LED MODULE Aperture 3.5" Round Reflector Trim Type Round Overlap Round Die-Cast Overlap (pss only) Round Trimless (pss only) Round Tr	Emergency Battery - Remote test switch*		
(LDI 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" Round Reflector Trim Type Round Overlap Round Overlap Round Die-Cast Overlap (pss only) Round Trimless (pss o	IC-rated housing. Above ceiling access required.)	OD	
Aperture 3.5" Round Reflector Trim Type Round Overlap Round Die-Cast Overlap (pss only) Round Trimless Round Die-Cast Trimless (pss only) 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 Luron or LFP) 900 Lumen 1300 Lumen 1300 Lumen 1500 Lumen 1500 Lumen 1200	Outdoor nated	OD	
Trim Type Round Die-Cast Overlap (Prim Type) Round Die-Cast Overlap (Prim Type) Round Die-Cast Overlap (Prim Type) Round Die-Cast Trimless (Prim Type) Round Trimless Trim Type Round Trimless (Prim Type) Round Trim Type	See dimming performance table on page 5.)		
Round Die-Cast Overlap (Dss only) Round Trimless Round Die-Cast Trimless (Dss only) ROUND Trimless Round Die-Cast Trimless (Dss only) ROUND ROUND RT ROUND RT ROUND RT RET ROUND DIE-Cast Trimless (Dss only) ROUND RT RET RET ROUND RT RET RET ROUND RT RET ROUND RT RET RET RET ROUND RT RET RET RET RET RET RET RET RET RET R	See dimming performance table on page 5.) TRIM & LED MODULE		
Round Die-Cast Trimless (pss only) 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 LPP) 1100 Lumen 1500 Lumen 1500 Lumen 1500 Lumen 1700 Lumen 1900 Lumen 1700	See dimming performance table on page 5.) TRIM & LED MODULE Aperture 3.5" Round Reflector	LC3	LC3
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 Lutron or LFP) 1100 Lumen 1300 Lumen 1300 Lumen 1300 Lumen 1500 Lumen 1500 Lumen 1700 Lumen 1900 Lu	TRIM & LED MODULE Aperture 3.5" Round Reflector Trim Type Round Overlap	RO	LC3
High 97 CR Lumen Output	TRIM & LED MODULE Aperture 3,5" Round Reflector Trim Type Round Overlap Round Die-Cast Overlap (pos only) Round Trimless	RO RDO RT	LC3
Tool Lumen Not available with Lutron or LFP 900 Lumen 1100 Lumen 1300 Lumen 1300 Lumen 1500 Lumen 1500 Lumen 1500 Lumen 1700 Lumen 1900 Lume	TRIM & LED MODULE Aperture 3.5" Round Reflector Trim Type Round Overlap Round Die-Cast Overlap (oss only) Round Trimless (oss only) Color Options	RO RDO RT RDT	LC3
900 Lumen (Not available with LPP) 1100 Lumen 1300 Lumen 1500 Lumen 1500 Lumen 1700 Lumen 1700 Lumen 1900 Lumen 1900 Lumen 2100 Lume	TRIM & LED MODULE Aperture 3.5" Round Reflector Trim Type Round Overlap Round Die-Cast Overlap (pss only) Round Die-Cast Trimless (pss only) Color Options Standard White, 80 & 90 CRI	RO RDO RT RDT	LC3
1500 Lumen 1700 Lumen 1900 Lumen 1900 Lumen 2100 Lumen 210	TRIM & LED MODULE Aperture 3.5" Round Reflector Trim Type Round Overlap Round Die-Cast Overlap (Dss only) Round Die-Cast Trimless (Dss only) Color Options Standard White, 80 & 90 CRI High 97 CRI Lumen Output	RO RDO RT RDT SW HC	LC3
1900 Lumen 2100 Lumen 2100 Lumen 2100 Lumen 2100 Lumen 2100 Lumen 2100 Lumen Lum	TRIM & LED MODULE Aperture 3.5" Round Reflector Trim Type Round Overlap Round Die-Cast Overlap (Dss only) Round Trimless Round Die-Cast Trimless (Dss only) Color Options Standard White, 80 & 90 CRI High 97 CRI Lumen Output 700 Lumen (Not available with Letp) 900 Lumen (Not available with LETP)	RO RDO RT RDT SW HC 700L 900L	LC3
Color Temperature	TRIM & LED MODULE Aperture 3.5" Round Reflector Trim Type Round Overlap Round Die-Cast Overlap (Dss only) Round Die-Cast Trimless (Dss only) 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 Lumen 1300 Lumen	RO RDO RT RDT SW HC 700L 900L 1100L 1300L	LC3
(Add 9 for 90 CRI or H for 97 CRI. Leave blank for 80 CRI. Examples: 2700K, 97 CRI = 127K, 2700K, 80/90/97+ CRI 30K 3500K, 80/90/97+ CRI 35K 4000K, 80/90/97+ CRI 35K 4000K, 80/90/97+ CRI 35K 4000K, 80/90/97+ CRI 50K 20 Cut-Off DNT Short Cone with 50° cut-Off DNS Super Short Cone with 50° cut-Off DNS Super Short Cone with Solite Lens 75° cut-Off DNS Super Short Cone with Solite Lens 75° cut-Off DNS DSS (Die-cast trims only, VWFL or SWFL only,) Distribution Narrow Flood 1 FL1 Flood 2 WFL Wide Flood (Overlap all optics. Trimless DSS only,) Super Wide Flood (Overlap Block Diffuse Warm Diffuse Warm Diffuse Warm Diffuse Black White WH Optional Flange Finish (Overlap CD & WD finish only) (For matching finishes leave blank) Black Painted WP ACCESSORIES	TRIM & LED MODULE Aperture 3.5" Round Reflector Trim Type Round Overlap Round Die-Cast Overlap (pss only) Round Trimless Round Die-Cast Trimless (pss only) Color Options Standard White, 89 O CRI High 97 CRI Lumen Output 700 Lumen (Not available with Lutron or LFP) 900 Lumen (Not available with Lutron or LFP) 1100 Lumen 1300 Lumen 1500 Lumen 1500 Lumen 1500 Lumen	RO RDO RT RDT SW HC 700L 900L 1100L 1300L 1500L	LC3
3000K, 80/90/97+ CRI 35K 3500K, 80/90/97+ CRI 35K 4000K, 80/90/97+ CRI 40K Optic Tall Cone with 50° cut-off DNT Short Cone with 50° cut-off DNS Super Short Cone with Solite Lens 75° cut-off (Die-cast trims only. VWFL or SWFL only.) Distribution Narrow Flood Flood 1 FL1 FL0 FL0 FL0 FL0 FL1 FL1 FL0 FL0 FL0 FL0 FL1 FL1 FL0	TRIM & LED MODULE Aperture 3.5" Round Reflector Trim Type Round Overlap Round Die-Cast Overlap (oss only) Round Die-Cast Trimless (oss only) Color Options Standard White, 80 & 90 CRI High 97 CRI Lumen Output TOO Lumen (Not available with Lutron or LFP) 900 Lumen (Not available with Lumen 1500 Lumen 1700 Lumen 1700 Lumen 1900 Lumen 1700 Lumen 1900 Lumen 1900 Lumen	RO RDO RT RDT SW HC 700L 900L 1100L 1300L 1500L 1700L 1900L	LC3
4000K, 80/90/97+ CRI	TRIM & LED MODULE Aperture 3.5" Round Reflector Trim Type Round Overlap Round Die-Cast Overlap (Dss only) Round Trimless Round Die-Cast Trimless (Dss only) Color Options Standard White, 80 & 90 CRI High 97 CRI Lumen Output 700 Lumen (Not available with Lerby) 900 Lumen (Not available with Lerby) 1100 Lumen 1300 Lumen 1500 Lumen 1700 Lumen 1800 CRI	RO RDO RT RDT SW HC 700L 900L 1100L 1300L 1500L 1700L 1900L 2100L	LC3
Tall Cone with 50° cut-off Short Cone with 60° cut-off One with 50° ite Lens 75° cut-off (Die-cast trims only: VWFL or SWFL only:) Distribution Narrow Flood Flood 1 Flood 2 Fl2 Wide Flood Very Wide Flood (Overlap all optics. Trimless DSS only) Super Wide Flood (DSS only) Finish Clear Diffuse Warm Diffuse Warm Diffuse Warm Diffuse White When Optional Flange Finish (Overlap CD & WD finish only) (For matching finishes leave blank) Black Painted White Painted WP ACCESSORIES	TRIM & LED MODULE Aperture 3.5" Round Reflector Trim Type Round Overlap Round Overlap Round Die-Cast Overlap (Deso only) Round Trimless Round Die-Cast Trimless (Dss only) 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 Lipr) 1100 Lumen 1300 Lumen 1500 Lumen 1700 Lumen	RO RDO RT RDT SW HC 700L 900L 1100L 1300L 1500L 1700L 1900L 2100L	LC3
Super Short Cone with Solite Lens 75° cut-off (Die-cast trims only, VWFL or SWFL only,) Distribution Narrow Flood Flood 1 FL1 Flood 2 Wide Flood Very Wide Flood (Overlap all optics. Trimless DSS only,) Super Wide Flood (DSS only) Super Wide Flood (DSS only) Super Wide Flood (DSS only) Finish Clear Diffuse Warm Diffuse Warm Diffuse Black White Optional Flange Finish (Overlap CD & WD finish only) (For matching finishes leave blank) Black Painted White Painted WP ACCESSORIES	TRIM & LED MODULE Aperture 3.5" Round Reflector Trim Type Round Overlap Round Die-Cast Overlap (Dss only) Round Trimless Round Die-Cast Trimless (Dss only) Color Options Standard White, 80 & 90 CRI High 97 CRI Lumen Output 700 Lumen (Not available with Lerbo 1100 Lumen 1300 Lumen 1500 Lumen 1700 Lumen 1800 Temperature (Add 9 for 90 CRI or H for 97 CRI. Leave blank for 80 CRI. Examples: 2700K, 97 CRI = H2FX, 2700K, 80 CRI = 27K.) 2700K, 80/90/97+ CRI 3500K, 80/90/97+ CRI	RO RDO RT RDT SW HC 700L 900L 1100L 1300L 1700L 1900L 2100L	LC3
Distribution Narrow Flood NFL Flood 1 Flood 2 Flood 3 Flood 2 Flood 2 Flood 3 Flood 2 Flood 4 Flood 6 Flood 7 Flood 7 Flood 7 Flood 7 Flood 8 Flood 8 Flood 9 Flood 6 Flood 9	TRIM & LED MODULE Aperture 3.5" Round Reflector Trim Type Round Overlap Round Die-Cast Overlap (Dss only) Round Trimless Round Die-Cast Trimless (Dss only) Color Options Standard White, 80 & 90 CRI High 97 CRI Lumen Output 700 Lumen (Not available with Lerby) 900 Lumen (Not available with Lerby) 1100 Lumen 1300 Lumen 1500 Lumen 1700 Lumen 1700 Lumen 1700 Lumen 1700 Lumen 2100 Lumen 2100 Lumen 2200K, 80/90/97+ CRI 3000K, 80/90/97+ CRI 3500K, 80/90/97+ CRI 4000K, 80/90/97+ CRI 4000K, 80/90/97+ CRI Call Cone with 50" cut-off	RO RDO RT RDT SW HC 700L 900L 1100L 1300L 1500L 1700L 1900L 2100L 27K 30K 35K 40K	LC3
Flood 1 FL1 Flood 2 FL2 Wide Flood WFL WFL Super Wide Flood (Overlap all optics. Trimless DSS only.) Super Wide Flood (DSS only) Super Wide Flood (DSS only) Finish Clear Diffuse WD Black White WH Optional Flange Finish (Overlap CD & WD finish only) (For matching finishes leave blank) Black Painted WP ACCESSORIES	TRIM & LED MODULE Aperture 3.5" Round Reflector Trim Type Round Overlap Round Die-Cast Overlap (oss only) Round Trimless Round Die-Cast Trimless (oss only) Color Options Standard White, 89 00 CRI High 97 CRI Lumen Output 700 Lumen (Not available with Lutron or LPP) 900 Lumen (Not available with Lutron or LPP) 1100 Lumen 1300 Lumen 1500 Lumen 1500 Lumen 1700 Lumen (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 00ptic Tall Cone with 50" cut-off Short Cone with 50" cut-off Super Short Cone with 50" cut-off	RO RDO RT RDT SW HC 700L 900L 1100L 1300L 1500L 1700L 1900L 2100L 27K _30K _35K _40K	LC3
Very Wide Flood (Overlap all optics. Trimless DSS only) Super Wide Flood (DSS only) Super Wide Flood (DSS only) SWFL Finish Clear Diffuse Warm Diffuse Warm Diffuse Black White Optional Flange Finish (Overlap CD & WD finish only) (For matching finishes leave blank) Black Painted White Painted WP ACCESSORIES	TRIM & LED MODULE Aperture 3.5" Round Reflector Trim Type Round Overlap Round Die-Cast Overlap (pss only) Round Trimless Round Die-Cast Trimless (pss only) Color Options Standard White, 80 & 90 CRI High 97 CRI Lumen Output 700 Lumen (Not available with Lurno or LEP) 900 Lumen (Not available with Lurno or LEP) 900 Lumen 1300 Lumen 1500 Lumen 1500 Lumen 1700 Lumen 1900 Lumen 1700 Lumen 1900 Lumen 1900 Lumen 1000 Lume	RO RDO RT RDT SW HC 700L 900L 1100L 1300L 1500L 1700L 1900L 2100L 27K _30K _35K _40K	LC3
Super Wide Flood (DSS only) Finish Clear Diffuse Warm Diffuse WBlack Black White Optional Flange Finish (Overlap CD & WD finish only) (For matching finishes leave blank) Black Painted White Painted WP ACCESSORIES	TRIM & LED MODULE Aperture 3.5" Round Reflector Trim Type Round Overlap Round Die-Cast Overlap (Dss only) Round Trimless Round Die-Cast Trimless (Dss only) Round Trimless Round Die-Cast Trimless (Dss only) Color Options Standard White, 80 & 90 CRI High 97 CRI Lumen Output TOO Lumen (Not available with LEP) 900 Lumen (Not available with LEP) 900 Lumen (1300 Lumen 1300 Lumen 1700 Lumen 1700 Lumen 1700 Lumen 1700 Lumen 1700 Lumen 1700 Lumen 1800 Lumen 1900 Lume	RO RDO RT RDT SW HC 700L 900L 1100L 1300L 1300L 1300L 1200L 1900L 2100L 27K 335K 40K DNT DNS DSS	LC3
Clear Diffuse Warm Diffuse WD Black BK White Optional Flange Finish (Overlap CD & WD finish only) (For matching finishes leave blank) Black Painted White Painted WP ACCESSORIES	TRIM & LED MODULE Aperture 3.5" Round Reflector Trim Type Round Overlap Round Die-Cast Overlap (pss only) Round Trimless Round Die-Cast Trimless (pss only) 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 Lutron or LFP) 1100 Lumen 1300 Lumen 1500 Lumen 1500 Lumen 1700 Lumen 1700 Lumen 1700 Lumen 1800 Lumen 1900 L	RO RDO RT RDT SW HC 700L 900L 1100L 1300L 1500L 1700L 1900L 2100L 27K _30K _40K DNT DNS DSS	LC3
Black White WH Optional Flange Finish (Overlap CD & WD finish only) (For matching finishes leave blank) Black Painted White Painted WP ACCESSORIES	TRIM & LED MODULE Aperture 3.5" Round Reflector Trim Type Round Overlap Round Die-Cast Overlap (pos only) Round Trimless Round Die-Cast Trimless (pss only) Round Trimless Round Die-Cast Trimless (pss only) Color Options Standard White, 80 & 90 CRI High 97 CRI Lumen Output Too Lumen (Not available with LEP) 900 Lumen (Not available with LEP) 1100 Lumen 1300 Lumen 1400 Lumen 1500 Lumen 1700 Lumen 1700 Lumen 1700 Lumen 1700 Lumen 1700 Lumen 1800 Lumen 1900 Lumen 1900 Lumen 1900 Lumen 1900 Lumen 1900 Lumen 100 Lume	RO RDO RT RDT SW HC 700L 900L 1100L 1300L 1500L 1700L 1900L 2100L 2100L 2100L DNT DNS DSS NFL FL1 FL2 WFL VWFL	LC3
Optional Flange Finish (Overlap CD & WD finish only) (For matching finishes leave blank) Black Painted White Painted WP ACCESSORIES	TRIM & LED MODULE Aperture 3,5" Round Reflector Trim Type Round Overlap Round Die-Cast Overlap (pss only) Round Trimless Round Die-Cast Trimless (pss only) Round Trimless Round Die-Cast Trimless (pss only) Color Options Standard White, 80 & 90 CRI High 97 CRI Lumen Output 700 Lumen (Not available with Lutron or LEP) 900 Lumen (Not available with Lutron or LEP) 900 Lumen 1300 Lumen 1300 Lumen 1400 Lumen 1500 Lumen 1700 Lumen 1900 Lumen 1700 Lumen 1900 Lumen 1700 Lumen 1900 Lumen 1900 Lumen 1700 Lumen 1900 Lumen 1700 Lumen 1900 Lumen 1700 Lumen 1900 Lumen	RO RDO RT RDT SW HC 700L 900L 1100L 1300L 1500L 1700L 1900L 2100L 27K _35K _40K DNT DNS DSS	LC3
(Overlap CD & WD finish only) (For matching finishes leave blank) Black Painted White Painted WP ACCESSORIES	TRIM & LED MODULE Aperture 3.5" Round Reflector Trim Type Round Overlap Round Die-Cast Overlap (pss only) Round Trimless Round Die-Cast Trimless (pss only) Round Trimless Round Die-Cast Trimless (pss only) Color Options Standard White, 80 & 90 CRI High 97 CRI Lumen Output 700 Lumen (Not available with Lutron or LEP) 900 Lumen (Not available with Lutron or LEP) 900 Lumen 1300 Lumen 1300 Lumen 1500 Lumen 1700 Lumen 1900 Lumen 1700 Lumen 2100 Lumen 2100 Lumen 2100 Lumen 2100 Lumen 3000K, 80/90/97+ CRI 3000K, 80/90/97+ CRI 3000K, 80/90/97+ CRI 3000K, 80/90/97+ CRI 3500K, 8	RO RDO RT RDT SW HC 700L 900L 1100L 1300L 1500L 1700L 1900L 2100L 2100L 27K _30K _35K _40K DNT DNS DSS	LC3
White Painted WP ACCESSORIES	TRIM & LED MODULE Aperture 3,5" Round Reflector Trim Type Round Overlap Round Die-Cast Overlap (pss only) Round Trimless Round Die-Cast Trimless (pss only) Color Options Standard White, 80 & 90 CRI High 97 CRI Lumen Output 700 Lumen (Not available with Lutron or LPP) 900 Lumen (Not available with Lutron or LPP) 900 Lumen (Not available with Lutron or LPP) 1100 Lumen 1300 Lumen 1300 Lumen 1500 Lumen 1700 Lumen 1700 Lumen 1700 Lumen 1700 Lumen 1900 Lumen 1700 Lumen 1900	RO RDO RT RDT SW HC 700L 900L 1100L 1300L 1500L 1700L 1900L 2100L 2100L 27K _30K _35K _40K DNT DNS DSS	LC3
	TRIM & LED MODULE Aperture 3.5" Round Reflector Trim Type Round Overlap Round Die-Cast Overlap (Dss only) Round Trimless Round Die-Cast Trimless (Dss only) Round Trimless Round Die-Cast Trimless (Dss only) Color Options Standard White, 80 & 90 CRI High 97 CRI Lumen Output TOO Lumen (Not available with Lerby) 900 Lumen (Not available with Lerby) 900 Lumen (Not available with Lerby) 900 Lumen 1300 Lumen 1300 Lumen 1400 Lumen 1500 Lumen 1700 Lumen 1900 Lumen 2100 Lumen 2100 Lumen 2200K, 80/90/97+ CRI 3000K, 80/90/97+ CRI 3000K, 80/90/97+ CRI 3500K, 80/	RO RDO RT RDT SW HC 700L 900L 1100L 1300L 1700L 1900L 2100L 2100L 27K _35K _40K DNT DNS DSS NFL FL1 FL2 WFL SWFL CD WD BK WH	LC3
	TRIM & LED MODULE Aperture 3,5" Round Reflector Trim Type Round Overlap Round Die-Cast Overlap (pss only) Round Trimless Round Die-Cast Trimless (pss only) Round Die-Cast Trimless (pss only) Color Options Standard White, 80 & 90 CRI High 97 CRI Lumen Output 700 Lumen (Not available with Lurno or LPP) 900 Lumen (Not available with Lurno or LPP) 900 Lumen 1300 Lumen 1300 Lumen 1400 Lumen 1500 L	RO RDO RT RDT SW HC 700L 900L 1100L 1300L 1500L 1700L 1900L 2100L 2100L 27K _35K _40K DNT DNS DSS NFL FL1 FL2 WFL VWFL SWFL CD WD BK WH	LC3
(One kit recommended per 10 downlights) WOOD-KIT	TRIM & LED MODULE Aperture 3.5" Round Reflector Trim Type Round Overlap Round Die-Cast Overlap (pos only) Round Trimless Round Die-Cast Trimless (pss only) Round Trimless Round Die-Cast Trimless (pss only) Color Options Standard White, 80 & 90 CRI High 97 CRI Lumen Output Too Lumen (Not available with LEP) 900 Lumen (Not available with LEP) 1100 Lumen 1300 Lumen 1300 Lumen 1400 Lumen 1500 Lumen 1700 Lumen 1700 Lumen 1700 Lumen 1700 Lumen 1800 Lumen 1800 Lumen 1800 Lumen 1800 Lumen 1900 Lume	RO RDO RT RDT SW HC 700L 900L 1100L 1300L 1500L 1700L 1900L 210D 210D 210D 210D 210D 210D 210D 210D	LC3
	TRIM & LED MODULE Aperture 3.5" Round Reflector Trim Type Round Overlap Round Die-Cast Overlap (pos only) Round Trimless Round Die-Cast Trimless (pss only) Round Trimless Round Die-Cast Trimless (pss only) Color Options Standard White, 80 & 90 CRI High 97 CRI Lumen Output Too Lumen (Not available with LEP) 900 Lumen (Not available with LEP) 1100 Lumen 1300 Lumen 1300 Lumen 1400 Lumen 1500 Lumen 1700 Lumen 1700 Lumen 1700 Lumen 1700 Lumen 1800 Lumen 1800 Lumen 1800 Lumen 1800 Lumen 1900 Lume	RO RDO RT RDT SW HC 700L 900L 1100L 1300L 1500L 1700L 1900L 210D 210D 210D 210D 210D 210D 210D 210D	LC3

fixture: project

WARM DIM HOUSING DETAILS



3.5" ROUND DOWNLIGHT OPTICS

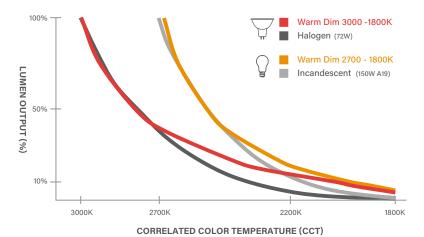
Optic	Cut-Off	Trim Type	Distribution Beam Spread Spacing Criteria					
	Degree		NFL	FL1	FL2	WFL	VWFL	SWFL
DNT	50°	Overlap	25° 0.42	37° 0.62	44° 0.72	59° 0.89	67° 1.02	
DIVI		Trimless	26° 0.54	37° 0.62	44° 0.76	58° 0.87	-	-
DNS	60°	Overlap	24° 0.42	34° 0.67	47° 0.81	54° 0.87	65° 0.99	
DNS		Trimless	25° 0.42	37° 0.63	45° 0.75	56° 0.92	-	-
DSS	75°	Overlap	-	-	-	-	73° 1.07	91° 1.26
מסט		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.

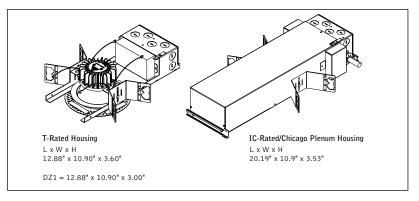


WD WARM DIM HOUSING ORDERING

HOUSING ORDERING Housing Series FLC3D ID+ 3.5" Round FLC3D **Trim Type** Round Overlap RO **Round Trimless** RT **Color Options** WDM WDM Warm Dim **Lumen Output** 1500L 1500 Lumen 1500I Voltage 120V 120 277V 277 **Control System & Dimming Level** 0-10V <1% Dimming LZ1 0-10V - 1% Dimming 0-10V - 10% Dimming LD1 Forward Phase (120V only) I FP Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming DALI <1% Dimming DZ1 DALI - 1% Dimming D11 **Housing Type** Thermally Protected, Non-IC / Airtight Thermally Protected, Non-IC Wood 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 DSS Distribution Narrow Flood NFL Flood 1 FL1 Flood 2 FL2 Wide Flood WFI Very Wide Flood (Overlap all optics. Trimless DSS only.) Super Wide Flood (DSS only) SWFL 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** White Painted WP **ACCESSORIES** Trimless Wood Ceiling Installation Kit WOOD-KIT

ixture: projec

TUNABLE WHITE HOUSING DETAILS



3.5" ROUND DOWNLIGHT OPTICS

Optic		Trim Type	Distribution Beam Spread Spacing Criteria						
	Degree		NFL	FL1	FL2	WFL	VWFL	SWFL	
DNT		Overlap	25° 0.42	37° 0.62	44° 0.72 44° 0.76	59° 0.89	67° 1.02		
DIVI		Trimless	26° 0.54	37° 0.62	44° 0.76	58° 0.87	-	-	
DNS	60°	Overlap	24° 0.42	34° 0.67	47° 0.81	54° 0.87	65° 0.99		
DINO		Trimless	25° 0.42	37° 0.63	45° 0.75	56° 0.92	-	-	
DSS	∠ 75°	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								
ССТ	Lumen Output	Delivered Lumens	System Watts	LPW				
	700L	700	13	53				
2700K (2700-5000K &	900L	906	17	54				
2700-6500K &	1100L	1095	20	54				
	1300L	1306	25	53				
1800K	700L	701	20	36				
(1800-4000K)	900L	898	25	37				

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

DAYLIGHT RANGE



Housing Series ID+ 3.5" Round FLC3D FLC3D **Trim Type** Round Overlap **Round Trimless Color Options** Tunable White: 1800-4000K 1840T (900L max. T-rated housings only.)

Tunable White: 2700-5000K

Tunable White: 2700-6500K

2765T **Lumen Output** 700 Lumen 7001 900 Lumen 900L 1100 Lumen 1100L 1300 Lumen 1300L Voltage 120/277 Volt UNV (2705T & 2765T only. IC housi 120V 120 277V 277 Low Voltage (2705T & 2765T only. IC housing only.) LV **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.) Low Voltage, PoE Compatible LVN (No driver. Not available with EMR. LV voltage only.) Housing Type IC-Rated / Airtight IC (700L only, 2750T or 2765T Thermally Protected, Non-IC / Airtight Thermally Protected, Non-IC Wood **Factory Options** Bar Hangers BH Chicago Plenum (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.) **TRIM & LED MODULE** Aperture 3.5" Round Reflector LC3 LC3 **Trim Type** Round Overlap Round Die-Cast Overlap (DSS only) RO RDO Round Trimless Round Die-Cast Trimless (DSS only) RDT **Color Options** Tunable White: 1800-4000K Tunable White: 2700-5000K 2750T Tunable White: 2700-6500K 2765T **Lumen Output** 700 Lumen 700L 900 Lumen 1100 Lumen 900L 1100L 1300 Lumen 1300L Color Temperature Tunable White: 1800-4000K, 90+ CRI Tunable White: 2700-5000K, 90+ CRI 91840T Tunable White: 2700-6500K, 90+ CRI 92765T Optic Tall Cone with 50° cut-off Short Cone with 60° cut-off Super Short Cone with Solite Lens 75° cut-off DNS DSS Distribution Narrow Flood NFL Flood 1 FL1 Flood 2 Wide Flood WFL Very Wide Flood VWFL Super Wide Flood (DSS only) SWFL **Finish** Clear Diffuse CD Warm Diffuse WD Black BK White **Optional Flange Finish** (Overlap CD & WD finish only) (For matching f ishes leave blank) Black Painted White Painted **ACCESSORIES** Trimless Wood Ceiling Installation Kit WOOD-KIT (One kit recommended per 10 downlights)

TUNABLE WHITE HOUSING ORDERING

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" pry 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.

I ahale

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

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



ID+ 3.5" Downlight and Wall Wash Focal Point, LLC

Final Assembly: Chicago, Illinois, USA Life Expectancy: 10 Year(s) End of Life Options: Recyclable (55%), Landfill (45%)

Ingredients:

Steel; Small Electrical Components - RoHS Compliant¹; Carbonic dichloride, polymer with 4.4'-(1-methylethylidene)bis[phenol], 4-(1-methyl-1-phenylethyl)phenyl ester; Zinc; Steel manufacture, chemicals; Copper; Polyethylene; Polypropylene; Polyvinyl chloride; Steel, carbon

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

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Color Lumen Multipliers

CRI	STANDARD WHITE CCT				WARM DIM CCT RANGES		TUNABLE WHITE CCT RANGES		
Chi	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
		Narrow Flood [NFL]	1.12
	Tall Cone with 50° cut-off [DNT]	Flood 1 [FL1]	0.92
	lali Cone with 50 cut-oil [DN1]	Flood 2 [FL2]	1.06
Round Trimless		Wide Flood [WFL]	0.92
[RT]		Narrow Flood [NFL]	0.99
	Short Cope with 60° out off [DNS]	Flood 1 [FL1]	0.96
	Short Cone with 60° cut-off [DNS]	Flood 2 [FL2]	0.92
		Wide Flood [WFL]	0.95
		Narrow Flood [NFL]	0.97
		Flood 1 [FL1]	0.94
	Tall Cone with 50° cut-off [DNT]	Flood 2 [FL2]	1.09
		Wide Flood [WFL]	1.02
Round Overlap		Very Wide Flood [VWFL]	1.02
[RO]		Narrow Flood [NFL]	0.98
		Flood 1 [FL1]	1.17
	Short Cone with 60° cut-off [DNS]	Flood 2 [FL2]	1.11
		Wide Flood [WFL]	1.09
		Very Wide Flood [VWFL]	1.07
Round Die-Cast	Super Short Cone with Solite Lens	Very Wide Flood [VWFL]	1.00
Trimless [RDT]	with 75° cut-off [DSS]	Super Wide Flood [SWFL]	0.95
Round Die-Cast	Super Short Cone with Solite Lens	Very Wide Flood [VWFL]	0.96
Overlap [RDO]	with 75° cut-off [DSS]	Super Wide Flood [SWFL]	0.90

Color Lumen Multipliers

Color Lumon Manaphoro								
Trim Type	Optic	Color	Multiplier					
		Clear Diffuse [CD]	1.00					
	Tall Cone with 50° cut-off [DNT]	Warm Diffuse [WD]	0.92					
	Tall Corie With 50 Cut-on [DIVI]	White [WH]	1.09					
Round Trimless [RT] and		Black [BK]	0.46					
Round Overlap [RO]		Clear Diffuse [CD]	1.00					
	Short Cone with 60° cut-off [DNS]	Warm Diffuse [WD]	0.96					
	Short cone with 60 cut-on [DN3]	White [WH]	1.12					
		Black [BK]	0.62					
Round Die-Cast		Clear Diffuse [CD]	1.00					
Trimless [RDT] -and-	Super Short Cone with Solite Lens	Warm Diffuse [WD]	0.97					
Round Die-Cast	with 75° cut-off [DSS]	White [WH]	1.16					
Overlap [RDO]		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) \approx 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.