LIGHTOLIER

Downlighting

Calculite LED 7" gen 3

C7RWW Round Wall Wash

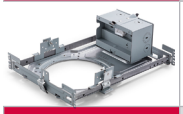


Calculite LED 7" generation 3 provides excellent performance coupled with optimized installation flexibility. Industry leading visual comfort and uniform illumination make it an ideal choice for open office, institution, healthcare, and retail applications.

Standard luminaire: Complete luminaire = Frame + Engine + Trim + Accessories (optional)
Flex install luminaire: Complete luminaires = Engine (F) + Trim + Accessories (optional)

Project:
Location:
Cat.No:
Type:
Qty:
Notes:

Follow the ordering guidelines below. Each step is a separate order line.

Step 1	**Frame:** Ordered & shipped separately.
	**Frame** **Example:** 7RN **7R** [ ]
Step 2	**Engine & Trim:** Ordered & shipped as a single product.
	**Engine** **Example:** C6L15935MZ10U-C7RLWCCP **C6L** [ ] – **C7R** [ ]
Step 3 (optional)	**Accessories:** Ordered & shipped separately.

Frame

Example: 7RN

Series	Installation	Voltage / Options	
7R			
7R 7" Non-IC Round	**N** New construction	**—** Universal 120/277/347V **EM6** Emergency, 6W Self-Test/Self-Diagnostic[1] **LC** Chicago Plenum	**BAC** Meets the requirements of the Buy American Act of 1933 (BAA)[8,9] **BABAF** Meets the requirements of the Build America Buy America Act for projects funded through FHWA that are obligated before October 1, 2026, and meets the Buy America preferences for FTA[8,9]
	R Remodeler	**—** Universal 120/277/347V	**BAC** Meets the requirements of the Buy American Act of 1933 (BAA)[8,9] **BABAF** Meets the requirements of the Build America Buy America Act for projects funded through FHWA that are obligated before October 1, 2026, and meets the Buy America preferences for FTA[8,9]

Engine

Example: C6L20930MZ10D20UF

Series	Lumens	CCT	Beam	Dimming	Options	Voltage	Options
C6L							
C6L Calculite LED 4" gen 3	**10** 1000lm **15** 1500lm **20** 2000lm **25** 2500lm **30** 3000lm **35** 3500lm **48** 4800lm* **60** 6000lm* * See marked spacings requirements on page 9.	**927** 90CRI/2700K **930** 90CRI/3000K **935** 90CRI/3500K **940** 90CRI/4000K **950** 90CRI/5000K[2] **D2W** 90CRI/3000K to 1800K[3] (dim-to-warm)	**M** Medium (56°) **W** Wide (76°)	**Z10** 0-10V 1%	**——** None **D2O** Dim to Off	**U** 120/277V **3** 347V[65] (Z10 only)	**R** Retrofit[7] **RH** Retrofit for tall collar frame[7] **BAC** Meets the requirements of the Buy American Act of 1933 (BAA)[8,9] **BABAF** Meets the requirements of the Build America Buy America Act for projects funded through FHWA that are obligated before October 1, 2026, and meets the Buy America preferences for FTA[8,9]
				L01 Lutron PEQ0 EcoSystem 0.1% (up to 2000lm) **L1** Lutron LDE1 EcoSystem (up to 3500lm) **RA** Integral Interact RF sensor[4] (enables wireless connected lighting control)		**U** 120/277V	
				D DALI 0.1%[4]	**——** None **LIN** Linear	**U** 120/277V	
				SOL EldoLED Solo 0-10V 0.1% **DMX** Digital Multiplexing w/RDM 0.1%	**——** None **LIN** Linear **SQR** Square	**U** 120/277V	
				E Forward & Reverse Phase (up to 3000lm)		**1** 120V	

Trim

Example: C7RDLCCP

Series	Aperture	Style	Finish		Flange	Options
C7	**R**	**LW**				
C7 Calculite LED 7" gen 3	**R** Round	**LW** Lensed Wall Wash[6]	**BK** Black (anodized) **CL** Specular clear	**CC** Comfort clear **CD** Comfort clear diffuse **CZ** Champagne bronze	**–** White (matte) **P** Polished (matches aperture)	**IEM6** Trim mounted EM test switch **BAC** Meets the requirements of the Buy American Act of 1933 (BAA)[8,9] **BABAF** Meets the requirements of the Build America Buy America Act for projects funded through FHWA that are obligated before October 1, 2026, and meets the Buy America preferences for FTA[8,9]
			WH White (matte)		**–** White (matches finish)	

See footnotes on page 2.

BABA BAA c UL us LISTED WET LOCATION RoHS COMPLIANT ENERGY STAR mesoOptics interact ready.

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Accessories (Not currently BAA-compliant) learn more below

SBA	Interact Ready System Bridge Accessory (refer to Philips System Bridge Accessory spec sheet for options and details)
7926	Sloped ceiling 7" adapter for 7RN and 7RA frames (refer to SCA spec sheet for slope options)
CAEM6	Field-installable Bodine BSL6 6W battery pack with self-test/ self-diagnostic (for new construction frames, 120-277V)
CAEM6TSCP	Must be ordered with EM6 frame for remote test switch, see page 2 for details. Not compatible with emergency options.

Round Wall Wash

Photometric - Downlights with CRI of 90+ & R9 of 50+

Lumen Package	Beam	Flux (lm)	Efficacy (lm/W)	Beam Angle	CBCP	CRI	R9	IES TM-30-18 R_f	IES TM-30-18 R_g	IES TM-30-18 $R_{cs,h1}$	UGR
1000 lm	Lensed (LW)	632	75	–	–	90+	50+	91	100	-6%	21
1500 lm	Lensed (LW)	961	76	–	–	90+	50+	91	100	-6%	23
2000 lm	Lensed (LW)	1300	75	–	–	90+	50+	91	100	-6%	24
2500 lm	Lensed (LW)	1586	76	–	–	90+	50+	91	100	-6%	24
3000 lm	Lensed (LW)	1915	74	–	–	90+	50+	91	100	-6%	25
3500 lm	Lensed (LW)	2144	75	–	–	90+	50+	91	100	-6%	25
4800 lm	Lensed (LW)	3060	75	–	–	90+	50+	91	100	-6%	26
6000 lm	Lensed (LW)	3824	72	–	–	90+	50+	91	100	-6%	27

Footnotes

1. Emergency (EM6) frame requires remote mounted test switch. Order CAEM6TSCP mounting plate accessory (not compatible with 347V).
2. Consult factory for 5000K CCT (50)with narrow (N) beam.
3. Dim-to-warm (D2W) available only with Z10 dimming. Narrow (N) and medium (M) beams only.
4. DALI (D) 4800lm and 6000lm, and RA options require linear driver configuration (see page 7).
5. Not available for 4800lm (48) & 6000lm (60). Order T347-75VA field installed transformer.
6. Lensed Wall Wash (LW) not available with IEM6 integral emergency test switch (remote only)
7. Retrofits select legacy luminaires (E & Z10 dimming only see pages 2 & 7)
8. BAA and compliance requires that BAC option be selected for each of frame, engine, and trim. BABA compliance requires that BABAF option be selected for each of frame, engine, and trim. Frame, engine and trim will be shipped together as a single product. Accessories (optional) are not currently BAA- or BABA-compliant.
9. Failure to properly select the "BAC" suffix could result in you receiving product that is not BAA compliant product with no recourse for an RMA or refund. This BAC designation hereunder does not address (i) the applicability of, or availability of a waiver under, the Trade Agreements Act, or (ii) the "Buy America" domestic content requirements imposed on states, localities, and other non-federal entities as a condition of receiving funds administered by the Department of Transportation or other federal agencies. Genlyte's products with a BAC option code designation are manufactured in the US and utilize a BAA COTS exemption rule for compliance. "BABAF" designates the product will meet the standards set by FHWA for BABA and FTA for Buy America. As noted, for FHWA BABA compliance, applicable projects must be funded by October 1, 2026.



AccuRender Technology (CRI 90+)

The right light brings colors to life. Our new AccuRender technology helps ensure colors are rendered more accurately and consistently, while doing so as efficiently as CRI 80 products.



Standard CRI 80
Good color rendering and high efficacy



Standard CRI 90
Better color rendering and low efficacy



AccuRender
Best color rendering, color preference and high efficacy

Enjoy design flexibility

Full range of products and options:

- Available soon in across Lightolier portfolio for application flexibility
- Multiple color temperatures (CCTs) and lumen packages offered

Promote savings

High efficacy, with no penalty:

- Energy efficacy compares well to conventional 80 CRI
- Up to 25% more energy savings vs competitor 90 CRI[1]
- Helps meet Title 24 requirements

Show your true colors

High color rendering:

- True to life colors that help energize your environment and render better flesh tones critical for healthcare hospitality and retail applications.
- R_a up to 94 CRI
  R_9 up to 67 CRI
  G_a up to 99 CRI
  C_9 up to 94 CRI
- R_f up to 92 TM-30
  $R_{f,h1}$ up to 91 TM-30
  R_9 up to 100 TM-30
  $R_{cs,h1}$ up to -5% TM-30

Achieve color balance

Best in class color consistency:

- Promote aesthetic harmony in your space with ≤ 2 SDCM

C7RWW Calculite LED 7" gen 3

Round Wall Wash

Frame-in-kits

New Construction:
Galvanized stamped steel for dry or plaster ceilings. Preinstalled telescoping mounting bars from 13" to 24". For 4' distances, use 1/2" EMT, 1-1/2" x 1/2" U or C channel.

Max ceiling thickness for Lensed Wall Wash (LW) is 3" and for Open, Corner, Double Wall Wash (WW, CW, DW) is 2.75".

Patented install Mounting frame:

- Pre-installed mounting bars for fast and tool-less installs into T-grid & hat channel ceilings.
- Close-cut aperture design eliminates possibility of gap between ceiling opening and reflector flange.
- Separate wiring compartment for wiring frame to building allows inspection prior to light engine install.
- Simple plug-and-play connection between frame and light engine from below ceiling.

Retrofit

- Easily updates legacy Calculite downlights to the latest LED technology. Includes light engine, trim, and driver mounted on cover plate that mounts to junction box of previous Calculite generations. Order with R option code at end of light engine catalog number (see details on page 5).

Compatibility:

Frames	Engines
With CFL	**Use Retrofit configuration**
S7142_series	C7R_ Trim + C6L_ Engine
S7226_series	C7R_ Trim + C6L_ Engine
With INC	**Use Retrofit configuration**
CS700	C7R_ Trim + C6L_ Engine
With LED	**Use Retrofit configuration**
C7L_N series	C7R_ Trim + C6L_ Engine

* Not available for retrofitting luminaires with integral emergency battery.

Emergency

Bodine BSL6 6W battery pack with self-test/diagnostic functionality. Factory or field mounted to frame.

- For remote ceiling mounted test switch, order standard trim (ex: C7RLWCC). Optional accessory ceiling mounting plate available (CAEM6TSCP) for remote mounted test switch
- Refer to Calculite-LyteProfile-EasyLyte Emergency Battery Pack specification sheet for more details.

Dimming

All configurations are FCC Class A unless otherwise specified.

- Advance 0-10V 1% (Z10), logarithmic curve is standard. Specify D2O for factory-set dim-to-off function, consult factory for linear dimming curve.
- EldoLED SOLODrive (SOL) 0-10v 0.1%
- Lutron LDE1 (L01) EcoSystem 1%
- Lutron PEQ0 (L) Hi-Lume Premier 0.1% EcoSystem
- Electronic low voltage (E) - forward or reverse phase dimming, Remodel and AirSeal IC Shallow are FCC Class B
- DALI (D) - DT6 DALI 0.1%
- DMX (DMX) - Digital Multiplexing with RDM 0.1%

Dimming Options

The following are factory-set options for the SOL, D, and DMX driver options (ex. DMXLIN):

- SOL/D/DMX: Logarithmic (-) standard
- SOL/D/DMX: Linear (LIN)
- SOL/DMX: Square (SQR)
- Dim to Warm (D2W): option changes CCT from 3000-1800K gradually as it dims. Use with Z10 dimming only. Fixture-to-fixture consistency of ≤3SDCM at 2700K & 3000K, and ≤5SDCM at 1800K.

Optical systems

Comfort throughout the space:
True 50° physical cutoff and 45° reflected cutoff.

Quality of light:
2 SDCM ensures color consistency from fixture to fixture and over the luminaire's long lifetime.

MesoOptics PET optical diffusion film:
Provides a smooth beam shape and mitigates color over angle with optimized luminaire efficiency.

Light Engine

Quick connect power pack allow for easy installation and replacement from below ceiling with no need for additional wiring. This allows for:

- Frame and ceiling installation to be performed while still finalizing details such as lumen packages, CCT and control type.
- Easy replacement of electronics at end of life with minimal wasted material and labor required.
- Ease and upgradability of technology.
- 347V light engines are Z10 dimming only and include dedicated 347V driver. For 347V non-Z10 dimming, order T347-75VA field-installed step-down transformer accessory.

Options and Accessories

Sloped ceilings: Compatible with sloped ceiling adapters (see **SCA** spec sheet).

CAEM6TSCP: Ceiling cover plate for remote mounted EM6 test switch. 1/2" (25mm) hole, 4 3/8" (109mm) x 2 3/4" (69mm) rectangular. Includes two mounting screws.

Field Installed Emergency: Refer to Calculite-LyteProfile-EasyLyte Emergency Battery Pack specification sheet for more details.

CAEM6: Field install EM6 kit with Bodine BSL6 6W battery pack with self-test/self-diagnostic, mounts to new construction frames. Includes remote ceiling plate for test switch.

SBA: Interact Ready System Bridge Accessory. Requires IRT9015 IR remote and Interact Pro App for commissioning.

T347-75VA: Field installable 347:120V 75VA step-down transformer, attaches to knock out on frame junction box, for use with non-IC (N) frames. Not for use with emergency options.

ENERGY STAR® exceptions

- 90 CRI configurations
- Champagne Bronze & Black finishes
- 347V & Emergency voltage/options
- Dali, EldoLED Solo drivers

Title 24 exceptions

- 1000lm configurations
- Champagne Bronze & Black finishes

Labels and Listings

- cULus listed for wet locations
- ENERGY STAR® certified
- RoHS certified
- CEC Title 24 JA8 certified
- CCEA (frames with *LC suffix)

Warranty

5 year limited warranty

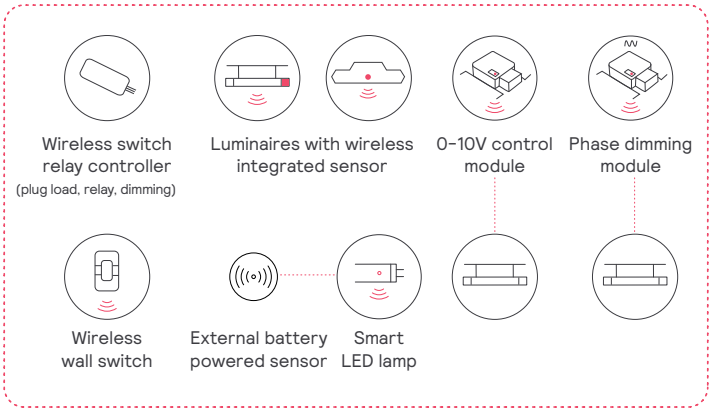
Visit Signify.com/warranties for more information on Signify's standard 5-year limited warranty on complete luminaire systems.

C7RWW Calculite LED 7" gen 3

Round Wall Wash

signify interact

Easy. Effective. Smart.



Meet Interact

A smart, wireless luminaire level lighting control system (LLLC). A complete solution that combines modern and intuitive technologies for easy installation and specification.

- Works with or without gateway
- No IT
- No light point restrictions
- Up to 75% out of the box savings
- Fast & easy
- Code & rebates compliant

Capabilities

- Luminaire integrated occupancy and daylight sensing
- BMS integration
- Human-centric lighting
- Connectivity & insights
- Full Automation*
- Security

*Grouping, zoning, dimming, high-end trimming, scenes, scheduling, manual controls

Benefits

Up to 80% installation savings[1]

Compared to installation costs of wired systems

Up to 5 min faster setup time[2]

Compared to similar wireless systems

Less than 2 year payback

Implement deep energy-saving stategies and claim utility rebates

1.8x more energy savings

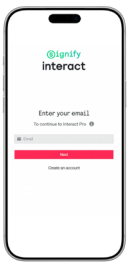
Compared to conventional control systems

Up to 2x utility rebates

Network Interact ready devices and get more utility rebates[3]

1. Versus legacy systems based on installer interviews
2. Based on installer analysis done by Signify for a typical multi-zone space
3. Utility programs across US

Just lights and an App



1. Install the Interact ready fixtures with embedded smart sensor
2. Install the wireless wall switch
3. Configure your setup with the Interact App
4. Leverage the IRT9015 remote accessory to accelerate your setup process
5. Optionally add a gateway for insights and management

Learn more about Interact:

Interact includes an app, a web portal, and a comprehensive range of Interact ready wireless luminaires, lamps, retrofit kits, and control devices like switches and sensors that operate within the same system.

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Controls Options*

Interact radio node for Standalone, Gateway & Gateway + IoT tiers (RA)

- RA sensor option is a connected radio node supporting wireless mesh czonnectivity.
- Compatible with standalone and gateway modes of Interact.

Interact occupancy & daylight sensor for Standalone, Gateway & Gateway + IoT tiers (CS)

- The CS sensor option is a connected sensor with built-in occupancy and daylight detection, along with wireless mesh connectivity.
- Compatible with standalone and gateway modes of Interact.

Interact advanced sensor bundle for Gateway + IoT tier (SB)

- SB sensor option offers occupancy and daylight sensing and supports advanced IoT capabilities, such as desk-level temperature and humidity monitoring, noise classification, and Bluetooth Low Energy (BLE) beacon functionality.
- Setup requires a compatible gateway and internet connectivity.
- With compatible gateway and software analytics, SB sensor option enables greater building efficiency, seamless system integration, and optimized space utilization through occupancy and environmental insights.

Interact for intelligent buildings sensor option codes across Genlyte product lines*				
	Sensor part #	Daybrite	Ledalite	Lightolier
Zigbee + Bluetooth	SC100B	RADIO	RA	RA
Zigbee + Bluetooth + Sensing	SC200B	SWZCS	CS	SBA or SWCS accessory
Zigbee + Bluetooth + Sensing + Environmental data	SC1500	IAOSB	SB	SBA or SWCS accessory
Zigbee + Highbay + Bluetooth + Sensing	SNH210 IA	SWZCSH	-	-

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Polished Reflectors



Specular clear (CL): Most specular and most efficient finish, delivers maximum photometric performance but can produce a mirror image effect of the interior space.



Champagne bronze (CZ): Semi-specular finish that softens light at the source of the reflector while providing a warmer reflector appearance (slightly warmer).



Comfort clear (CC): Semi-specular finish that softens the light at the source of the reflector and creates a subtle, even luminance from the reflector cone.



White (WH): (matte) Brightest illuminated aperture and provides the smoothest transition to most ceilings when off (white is only available with a white flange).



Comfort clear diffuse (CD): Slightly diffuse clear finish, that eliminates iridescence and reduces the mirror image effect inherent with specular finishes.



Black (BK): (anodized) Specular finish that provides the lowest aperture brightness possible and significantly reduces source identification in a ceiling.

Flanges



White (–): (matte) Provides the smoothest transition to ceilings when off.

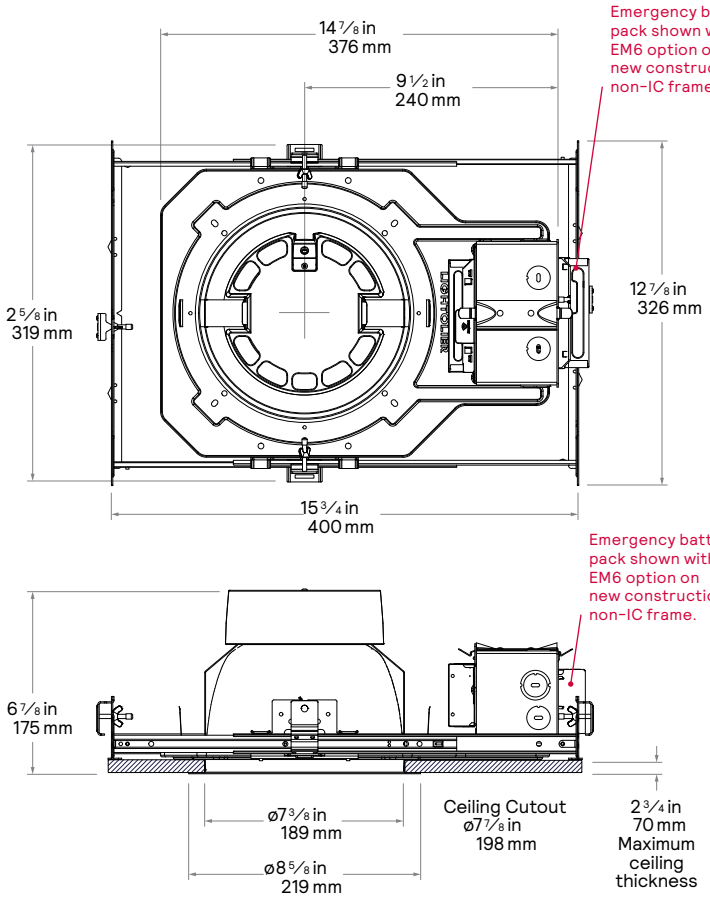


Polished (P): (matches aperture) Produces a continuous look throughout the reflector (aperture matching).

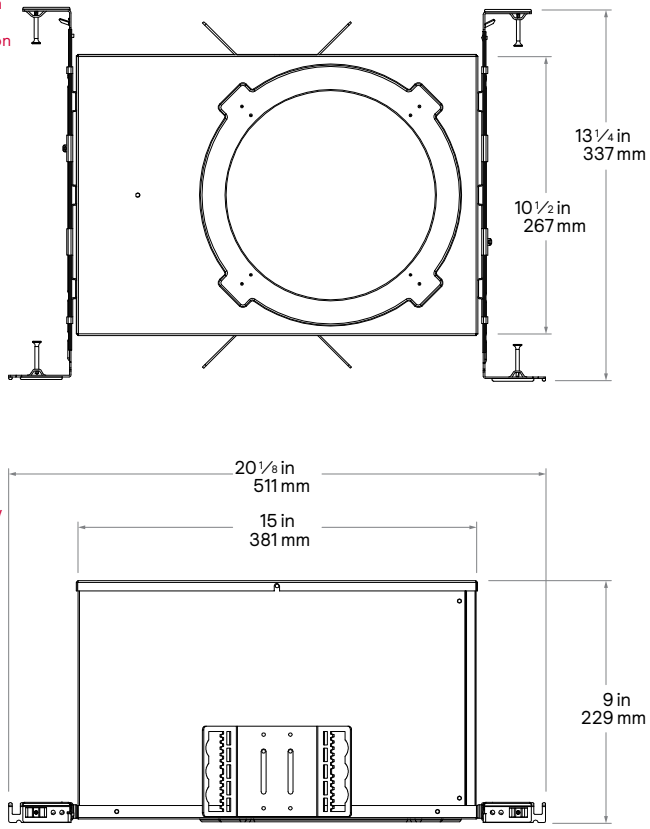
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Round Wall Wash

New Construction (N)

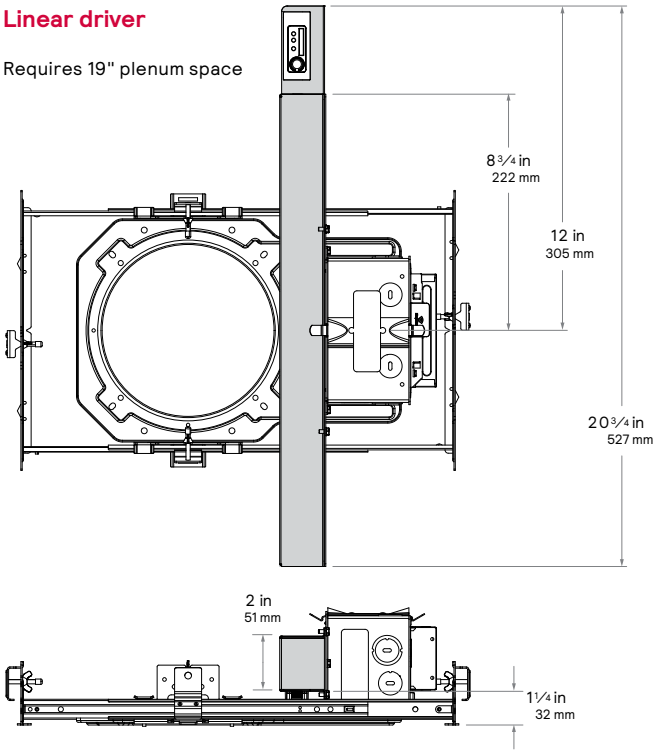


Chicago Plenum (LC)

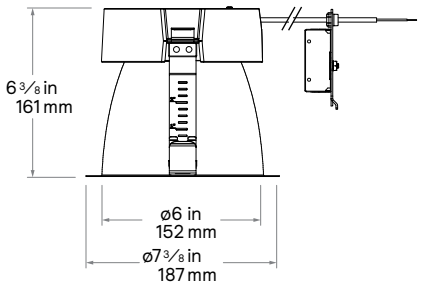


Linear driver

Requires 19" plenum space



Retrofit (R) with round trim



Dimensions for DALI 4800lm & 6000lm, & RA light engines.

Sensor shown for RA light engine only.

C7RWW Calculite LED 7" gen 3

Round Wall Wash

Electrical – Narrow

Light engine	Input Volts	Input Freq.	Input Current	Drive Current	Input Power	LED Power	THD Factor @ Max Load	Power Factor @ Max Load
1000lm	120V	50/60Hz	0.072A	0.22A	8.6W	7.0W	<10%	>0.9
	277V	50/60Hz	0.032A	0.22A	8.8W	7.0W	<20%	>0.9
	347V	50/60Hz	0.029A	0.22A	10.0W	7.0W	<30%	>0.9
1500lm	120V	50/60Hz	0.107A	0.33A	12.8W	10.7W	<10%	>0.9
	277V	50/60Hz	0.046A	0.33A	12.9W	10.7W	<10%	>0.9
	347V	50/60Hz	0.042A	0.33A	14.6W	10.7W	<25%	>0.9
2000lm	120V	50/60Hz	0.145A	0.45A	17.4W	14.7W	<10%	>0.9
	277V	50/60Hz	0.063A	0.45A	17.5W	14.7W	<10%	>0.9
	347V	50/60Hz	0.056A	0.45A	19.4W	14.7W	<20%	>0.9
2500lm	120V	50/60Hz	0.178A	0.55A	21.4W	18.2W	<10%	>0.9
	277V	50/60Hz	0.078A	0.55A	21.5W	18.2W	<10%	>0.9
	347V	50/60Hz	0.065A	0.55A	22.7W	18.2W	<20%	>0.9
3000lm	120V	50/60Hz	0.212A	0.65A	25.5W	21.7W	<10%	>0.9
	277V	50/60Hz	0.091A	0.65A	25.3W	21.7W	<10%	>0.9
	347V	50/60Hz	0.077A	0.65A	26.7W	21.7W	<15%	>0.9
3500 lm	120V	50/60Hz	0.237A	0.75A	28.4W	24.4W	<10%	>0.9
	277V	50/60Hz	0.103A	0.75A	28.4W	24.4W	<10%	>0.9
	347V	50/60Hz	0.084A	0.75A	29.1W	24.4W	<15%	>0.9
4800lm	120V	50/60Hz	0.338A	1.05A	40.5W	34.9W	<10%	>0.9
	277V	50/60Hz	0.145A	1.05A	40.3W	34.9W	<10%	>0.9
	347V	50/60Hz	0.118A	1.05A	41.0W	34.9W	<10%	>0.9
6000lm	120V	50/60Hz	0.442A	1.35A	53.0W	45.6W	<10%	>0.9
	277V	50/60Hz	0.188A	1.35A	52.1W	45.6W	<10%	>0.9
	347V	50/60Hz	0.153A	1.35A	53.0W	45.6W	<10%	>0.9

Electrical – Medium & Wide

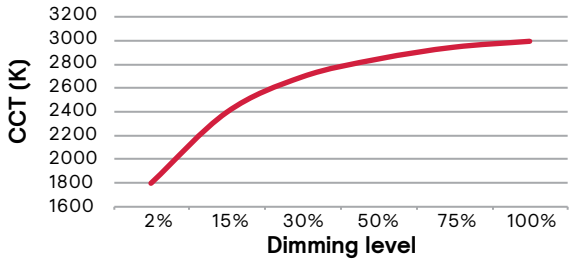
Light engine	Input Volts	Input Freq.	Input Current	Drive Current	Input Power	LED Power	THD Factor @ Max Load	Power Factor @ Max Load
1000lm	120V	50/60Hz	0.073A	0.22A	8.7W	7.1W	<10%	>0.9
	277V	50/60Hz	0.032A	0.22A	8.9W	7.1W	<20%	>0.9
	347V	50/60Hz	0.029A	0.22A	10.2W	7.1W	<30%	>0.9
1500lm	120V	50/60Hz	0.109A	0.33A	13.0W	10.9W	<10%	>0.9
	277V	50/60Hz	0.047A	0.33A	13.1W	10.9W	<10%	>0.9
	347V	50/60Hz	0.043A	0.33A	14.9W	10.9W	<25%	>0.9
2000lm	120V	50/60Hz	0.149A	0.45A	17.8W	15.1W	<10%	>0.9
	277V	50/60Hz	0.065A	0.45A	18.0W	15.1W	<10%	>0.9
	347V	50/60Hz	0.057A	0.45A	19.8W	15.1W	<20%	>0.9
2500lm	120V	50/60Hz	0.179A	0.55A	21.4W	18.2W	<10%	>0.9
	277V	50/60Hz	0.078A	0.55A	21.6W	18.2W	<10%	>0.9
	347V	50/60Hz	0.066A	0.55A	22.8W	18.2W	<20%	>0.9
3000lm	120V	50/60Hz	0.220A	0.67A	26.4W	22.4W	<10%	>0.9
	277V	50/60Hz	0.095A	0.67A	26.2W	22.4W	<10%	>0.9
	347V	50/60Hz	0.079A	0.67A	27.5W	22.4W	<15%	>0.9
3500 lm	120V	50/60Hz	0.245A	0.75A	29.4W	25.3W	<10%	>0.9
	277V	50/60Hz	0.106A	0.75A	29.4W	25.3W	<10%	>0.9
	347V	50/60Hz	0.087A	0.75A	30.1W	25.3W	<15%	>0.9
4800lm	120V	50/60Hz	0.350A	1.08A	42.0W	36.1W	<10%	>0.9
	277V	50/60Hz	0.150A	1.08A	41.5W	36.1W	<10%	>0.9
	347V	50/60Hz	0.122A	1.08A	42.5W	36.1W	<10%	>0.9
6000lm	120V	50/60Hz	0.454A	1.38A	54.5W	46.8W	<10%	>0.9
	277V	50/60Hz	0.193A	1.38A	53.5W	46.8W	<10%	>0.9
	347V	50/60Hz	0.157A	1.38A	54.5W	46.8W	<10%	>0.9

Lifetime (TM-21) data

Lumens	Narrow beam	Medium/Wide beam
1000lm 1500lm 2000lm 2500lm 3500lm* 4800lm	L90 @ 60,000hrs.	L90 @ 60,000hrs.
6000lm	L90 @ 60,000hrs.	L80 @ 60,000hrs.

* Lutron 3500lm with Medium/Wide beam is L85 @ 60,000hrs.

Dim-to-Warm: CCT vs Dimmed level



Marked spacing applications

Light engine	4800lm	6000lm
C6L_Z10 series	X	X
C6L_L01 series	X	X
C6L_L1 series	X	X
C6L_LD series	X	X

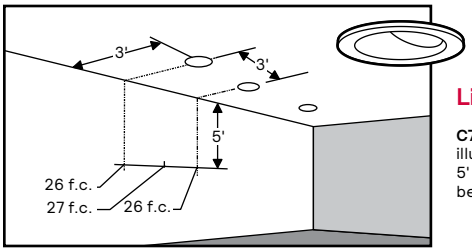
Light engine	4800lm	6000lm
C6L_LTE series	X	X
C6L_D series	X	X
C6L_DMX series	X	X
C6L_RA series	X	X

Modules marked with an X require marked spacing:
- Center-to-center of adjacent luminaires: 24" (610mm)
- Luminaire center to side building member: 12" (305mm)

In accordance with CAN ICES-005-A/ NEB-005-A and FCC Part 15-A.

C7RWW Calculite LED 7" gen 3

Round Wall Wash



Lighting Data – Example

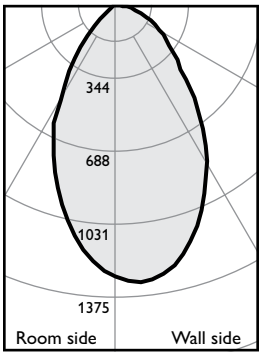
C7RLWCL / C6L25935W
illumination on the wall
5' down from the ceiling is 30 f.c.
beneath and 31 f.c. between fixtures.

Adjustment factors

Finish	CCT	Lumens
CL = 100%	90CRI, 4000K = 102%	6000lm = 240%
CC = 95%	90CRI, 3500K = 100%	4800lm = 192%
CD = 87%	90CRI, 3000K = 96%	3500lm = 140%
CZ = 63%	90CRI, 2700K = 92%	3000lm = 120%
WH = 87%		2500lm = 100%
BK = 57%		2000lm = 80%
		1500lm = 60%
		1000lm = 40%

Open Wall Wash, 2500lm Engine, 76 lm/W at 21W

Candela Curve



7RN / C6L25935W / C7RLWCL

Output lumens:	1586 lms
Input watts:	21.0 W
CRI:	90 min
CCT[1]:	3500K

Efficacy: 75.5 lm/w

Multiple unit data
Footcandles on wall

Distance from ceiling in feet	2' from wall, 3' on ctr.		
1	31	27	31
2	47	43	47
3	44	42	44
4	35	35	35
5	27	27	27
6	21	21	21
7	16	16	16
8	12	13	12
9	10	10	10
10	8	8	8
12	7	7	7
14	6	6	6

Multiple unit data
Footcandles on wall

Distance from ceiling in feet	3' from wall, 3' on ctr.		
1	14	14	14
2	27	27	27
3	30	30	30
4	29	30	29
5	26	27	26
6	22	23	22
7	18	19	18
8	15	15	15
9	12	13	12
10	10	11	10
12	9	9	9
14	8	8	8

Multiple unit data
Footcandles on wall

Distance from ceiling in feet	3' from wall, 4' on ctr.		
1	12	11	12
2	22	20	22
3	24	23	24
4	23	23	23
5	21	21	21
6	18	18	18
7	15	15	15
8	12	13	12
9	10	11	10
10	9	9	9
12	8	8	8
14	7	7	7

1. Correlated Color Temperature within specs as defined in ANSI_NEMA_ANSLG C78.377-2008: Specifications for the Chromaticity of Solid State Lighting Products.
2. Tested using absolute photometry as specified in LM79: IESNA Approved Method for the Electrical and Photometric Measurements of Solid-State Lighting Products.

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GENLYTE SOLUTIONS
a signify business

Signify North America Corp.
400 Crossing Blvd, Suite 600
Bridgewater, NJ 08807
Telephone: 800-555-0050

Signify Canada Ltd.
281 Hillmount Road,
Markham, ON, Canada L6C 2S3
Telephone: 800-668-9008

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