## LIGHTOLIER

by (signify

## Downlighting

Calculite LED 6" gen 3

C6RDL Round Downlight



Project:	
Location:	
Cat.No:	
Туре:	
Lamps:	Qty:
Notes:	

example: 6RNIP

Calculite LED 6" generation 3 features industry leading visual comfort, excellent uniform illumination over time, and patented installation flexibility.

Complete luminaire = Frame + Engine + Trim + Accessories (optional)

#### Frame

Series	Installation	Voltage/Options	
6R			
6R 6" Non-IC Round	N New construction	<ul> <li>Universal 120 V/277 V (specify for Power Over Ethernet)</li> <li>Emergency (see page 2 for details and limitations)<sup>1</sup></li> <li>Interact Pro ready (for 0-10V engine only)</li> </ul>	<ul> <li>LC Chicago Plenum</li> <li>347V (not compatible with ELV dimming)<sup>2</sup></li> <li>3IP 347V with Interact Pro (for 0-10V engine only)</li> </ul>
	R Remodeler	<ul> <li>Universal 120 V/277V (specify for Power Over Ethernet)</li> <li>IP Interact Pro ready (for 0-10V engine only)</li> </ul>	<b>3</b> 347V (not compatible with ELV dimming)

### Engine

Engine					•	<b>example:</b> C6L15835NZ10U
Series	Lumens	CRI	сст	Beam	Dimming	Voltage
C6L						
C6L Calculite LED 6"	<ol> <li>10 1000 lm</li> <li>15 1500 lm</li> <li>20 2000 lm</li> <li>25 2500 lm</li> <li>30000 lm</li> </ol>	8 80CRI 9 90CRI	<ul> <li>27 2700 K</li> <li>30 3000 K</li> <li>35 3500 K</li> <li>40 4000 K</li> </ul>	<ul> <li>N Narrow (40°)</li> <li>M Medium (56°)</li> <li>W Wide (76°)</li> </ul>	Z100-10 V 1%SOLEldoLED Solo 0-10 V 0.1%DDali 0.1%LLutron LDE1 EcoSystem (fadeDMXDigital Multiplexing	U Universal 120 V/277 V/347 V e-to-black)
	<b>35</b> 3500 lm <b>48</b> 4800 lm (Z10 only)				E ELV (for up to 2000lm only)	<b>1</b> 120 V
	<b>60</b> 6000 lm (Z10 only)				P Power over Ethernet (PoE) Only compatible with 1000 (10) to 2500	E Ethernet 48V DC 0 (25) lumen configurations.

#### Trim

Trim		example: C6RDLCCP		
Series	Aperture	Style	Finish	Flange
C6	R	DL		
<b>C6</b> Calculite LED 6"	R Round	<b>DL</b> Downlight	BK         Black (annodized)         CC         Comfort clear           CL         Specular clear         CD         Comfort clear diffuse           CZ         Champagne bronze	<ul> <li>White (matte)</li> <li>Polished (matches aperture)</li> <li>F Flangeless (requires CA6RFT)</li> </ul>
			WH White (matte)	<ul><li>White (matte)</li><li>F Flangeless (requires CA6RFT)</li></ul>
		SL Shower light (non-conductive) <sup>3</sup>	WH White (matte)	<ul> <li>Not applicable</li> </ul>

#### **Accessories**

CA6RFT	Mud-in ring for use in flangeless trim installations (ordered with a flangeless trim)
CAEM	Field instalable EM pack (for use with new construction frame only)
C6RVPWH	IP65 Rated vandal proof matte white accessory mounts onto flangeless trims (C4RDL*F) and new construction frame only
AMS	ActiLume multi-sensor (optional accessory for PoE configurations)
SWZDT	SpaceWise wireless controller with dwell time functionality (compatible with all 0-10V options, see SWZDT spec sheet)
SRAINT	InterAct Office Accessory (for use with Lightolier UniFrame 0-10V products)

1 Emergency (EM) frame includes emergency battery with ceiling and reflector mountable test switch (see page 2 for details and limitations).

2. The 347V frame is not compatible with lumen packages above 2000lm for lensed wall wash trims.

3. Non-conductive flush mount lens with pre-installed gasket (matte white non-conductive flange with diffuse lens that is flush with the flange).







## **Round Downlight**

#### 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 is 2.75" (70 mm) including PoE frame 4.88" (124 mm) plenum depth for installation.

#### Emergency:

For reflector mounted emergency test switch add "EM" to emd of catalog code (example: C6RDLCCEM). Leave blank for ceiling mounted test switch. Reflector mounted test switch requires above ceiling access.

#### **Patented install Mounting frame:**

- Pre-installed mounting bars for fast and toolless 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.

#### Dimming

- Advance 0-10V 1% dimming
- Lutron Hi-lume EcoSystem H Series 1% dimming
- EldoLED ECOdrive Dali 1% dimming
- EldoLED SOLOdrive 0-10V 0.1% dimming
- EldoLED DMX POWERdrive

#### **Power over Ethernet**

#### Powered via Lightolier PoE lighting controller:

Complies with FCC rules per Title 47 part 15 (Class A) for EMI / RFI (conducted & radiated). PoE lighting controller accessible from below ceiling.

#### **Optical systems**

#### Comfort throughout the space:

True 50° physical cutoff and 45° reflected cutoff **Ouality of light:** 

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

### 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.

#### **Wired Controls Options**

#### Interact Office Wired (PoE):

- PoE based IoT connected lighting solution for large enterprises that span across multiple floors, buildings and require multiple gateways.
- Use Interact Office software and insights to increase building efficiency, achieve building wide integration and optimize space through occupancy analytics.
- Supports advanced IoT Apps on Personal Control, Space Management, wayfinding, room/ desk reservation and offers open APIs for light control and data exchange.
- PoE lighting controller is accessible from below.
- Integral sensor option for occupancy sensing (PIR) and/or daylight harvesting available for additional energy savings.
- Optional integral emergency controller and battery pack provides 600lm nominal output.
- Test switch and indicator light mounted on side of chassis on one end.
- Emergency battery has a 3 month pre-installed shelf life, and must be stored and installed in environments of 20C to 30C (-4F to 86F) ambient, and 45-85% relative humidity.
- For more information on Interact Office Wired, visit: www.interact-lighting.com/office or www.usa.lighting.philips.com/systems/ systemareas/offices.

#### Interact Office Wired (PoE), Static White and Tunable White:

- A wireless IoT connected lighting solution for large enterprises that span across multiple floors, buildings and require multiple gateways
- View all your projects under one dashboard and easily compare insights from multiple projects in one view.
- Compatible Zigbee Green Power wall dimmer and wireless Occupancy or Daylight & Occupancy sensors available.
- Use Interact Office software and insights to increase building efficiency, achieve building wide integration and optimize space through occupancy analytics.
- Supports advanced IoT Apps on wayfinding, room/desk reservation and offers open APIs
- Requires compatible Interact Office Gateway and internet connectivity for commissioning.
- For more information on Interact Office Wireless, visit: www.interact-lighting.com/ office or www.usa.lighting.philips.com/systems/ systemareas/offices.

#### Interact Pro (IAP)

- Interact Pro brings the power of connected lighting to small and medium businesses without the complexity usually associated with connected lighting.
- Interact Pro includes an app, a portal and a broad portfolio of wireless Luminaires, lamps and retrofit kits all working on the same system.
- Commissioning via Interact Pro App (Android or iPhone).
- Prepare commissioning remotely via Interact Pro portal.
- Requires compatible Interact Pro Gateway and internet connectivity for commissioning.
- Compatible with UID8451/10 ZigBee Greenpower wireless dimmer switch.
- Compatible with wireless Occ sensor (OCC SENSOR IA CM IP42 WH 10/1) or wireless Day/ Occ sensor (OCC MULTI SENSOR IA CM WH 10/1).
- For more information on Interact Pro visit: www.interact-lighting.com/pro.
- For more information on Interact Ready visit: www.philips.com/interact-ready.

#### **Options and Accessories**

### Flangeless mud-in ring: Use CA6RFT

for use with flangless plaster installations. Sloped ceilings: Compatible with sloped ceiling

adapters (see SCA spec sheet). Vandal Proof: Use C6RVPWH for an IP65

rated vandal proof: Use Corvervent for an iPos rated vandal proof matte white accessory. Must be ordered with flangeless trim and new construction frame.

### **ENERGY STAR®** exceptions

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

#### **Title 24 exceptions**

- 1000lm configurations
- Champagne Bronze & Black finishes

#### **Labels and Listings**

- cULus listed for wet locations
- ENERGY STAR<sup>®</sup> certified
- RoHS certified
- CEC Title 24 JA8 certified
- CCEA (frames with \*LC suffix)
- IP65 rated with vandal proof accessory

#### Warranty



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

## Round Downlight

#### Narrow

### Medium/Wide

Light engine	Input volts	Input freq	Input current	Drive current	Input power	LED power	THD power	Power factor
	120V	50/0011-	0.08	220 4	0.14	0144	<15%	>0.95
C6L10_NZ10U	277V	50/60Hz	0.04	230 mA	9W	8W	<20%	>0.95
	120V	50/0011-	0.11	240	1514/	11\.A./	<10%	>0.95
C6L15_NZ10U	277V	50/60Hz	0.05	340 m A	15W	11W	<15%	>0.95
CEL 20 N7101	120V	50/60Hz	0.16	460 mA	22W	16W	<10%	>0.95
C6L20_NZ10U	277V		0.08	460 MA	ZZVV		<15%	>0.95
CEL25 N7101	120V	50/6011-	0.20	590 mA	25W	21W	<10%	>0.95
C6L25_NZ10U	277V	50/60Hz	0.10	590 MA			<15%	>0.95
CEL25 N71011	120V	50/6011-	0.30	900 m A	2014	V 30W	<10%	>0.95
C6L35_NZ10U	277V	50/60Hz	0.14	900MA	36W		<15%	>0.95
CEL 40 N71011	120V	E0/60U7	0.42	1250 mA	E1\//	44W	<10%	>0.95
C6L48_NZ10U	277V	50/60Hz	0.19	1250 MA	51W	4400	<15%	>0.95
CELED N71011	120V	50/6011-	0.48	1400 m 4	57W	FOW	<10%	>0.95
C6L60_NZ10U	277V	50/60Hz	0.21	1400 m A	J/W	50W	<15%	>0.95

Light engine	Input volts	Input freq	Input current	Drive current	Input power	LED power	THD power	Power factor
C6110 M7101	120V	50/60Hz	0.08	210 mA	9W	8W	<15%	>0.95
C6L10_MZ10U	277V		0.04	210 MA	900	011	<20%	>0.95
CEL15 M71011	120V	50/60Hz	0.11	320 mA	15W	11W	<10%	>0.95
C6L15_MZ10U	277V		0.05	320 MA	IDVV	IIVV	<15%	>0.95
CEL20 M71011	120V	50/0011	0.15	430 mA	19W	15W	<10%	>0.95
C6L20_MZ10U	277V	50/60Hz	0.07	430 MA	1910	IDVV	<15%	>0.95
CEL25 M710U	120V	50/0011	0.19	EEO ma A	23W	19W	<10%	>0.95
C6L25_MZ10U	277V	50/60Hz	0.09		1911	<15%	>0.95	
CEL2E M71011	120V		0.25	570 m A	30W	25W	<10%	>0.95
C6L35_MZ10U	277V	50/60Hz	0.11	570ma	3000		<15%	>0.95
CGL 40 M710U	120V	50/6011-	0.36	010 m A	4014	2 4147	<10%	>0.95
C6L48_MZ10U	277V	50/60Hz	0.16	0.16 810 mA	40W	34W	<15%	>0.95
CELEO M71011	120V	E0/60U-7	0.50	1120 m A	57W	EOW	<10%	>0.95
C6L60_MZ10U	277V	50/60Hz	0.22	1130 mA		50W	<15%	>0.95

#### Narrow (Power over Ethernet)

	Input						
Light engine	Volts <sup>1</sup>	Voltage <sup>2</sup>	Freq	Current	Power		
C6L10NPE	53V	51-54V	DC	160 mA	8.9 W		
C6L15NPE	53V	51-54V	DC	250 mA	13.7 W		
C6L20NPE	53V	51-54V	DC	330 mA	17.7 W		
C6L25NPE	53V	51-54V	DC	420 mA	22.8 W		

1. Nominal input volts.

2. Preferred volt range.

#### Marked spacing applications

Light engine	4800lm	6000lm
C6L_Z10U series	Х	Х
C6L_LU series	_	-
C6L_DU series	_	_

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.

#### Medium (Power over Ethernet)

	Input						
Light engine	Volts <sup>1</sup>	Voltage <sup>2</sup>	Freq	Current	Power		
C6L10MPE	53V	51-54V	DC	160 mA	8.4 W		
C6L15MPE	53V	51-54V	DC	230 mA	12.5 W		
C6L20MPE	53V	51-54V	DC	310 mA	16.7 W		
C6L25MPE	53V	51-54V	DC	390 mA	21.4 W		

#### Wide (Power over Ethernet)

	Input					
Light engine	Volts <sup>1</sup>	Voltage <sup>2</sup>	Freq	Current	Power	
C6L10WPE	53V	51-54V	DC	160 mA	8.4 W	
C6L15WPE	53V	51-54V	DC	230 mA	12.5 W	
C6L20WPE	53V	51-54V	DC	310 mA	16.7 W	
C6L25WPE	53V	51-54V	DC	390 mA	21.4 W	

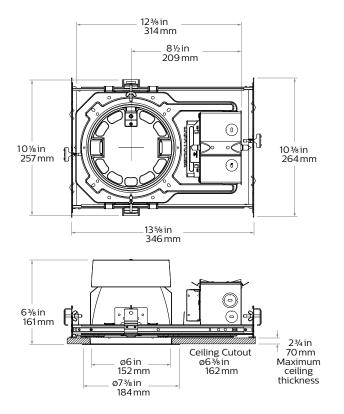
#### Lifetime (TM-21) data

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.		

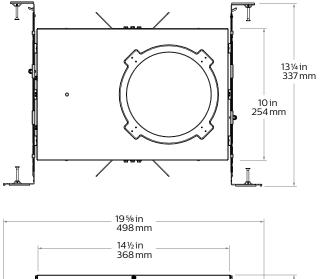
\* Lutron 3500lm with Medium/Wide beam is L85 @ 60,000hrs.

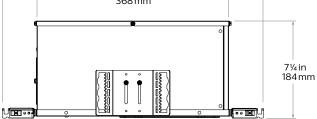
## Round Downlight

### New Construction (N)

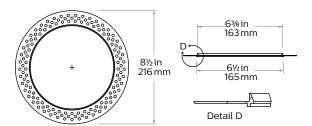


#### Chicago Plenum (LC)

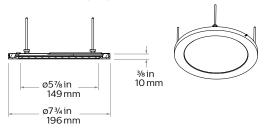




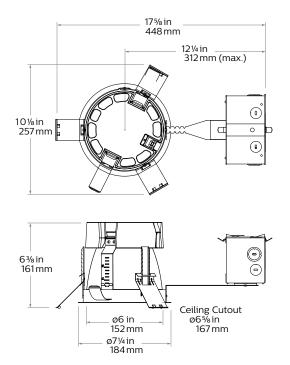
#### Flangeless mud-in ring (CA6RFT) accessory



#### Vandal Proof (VP) accessory



### Remodeler (R)



## Round Downlight

#### Reflector



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



**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.



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



Vandal proof (VP): Provides an elegant solution for vandal resistant needs. One piece machined aluminum ring with impact resistant clear lens. Flangeless (F) flange must be ordered. Provides the luminaire with an IK10 impact and IP65 rating.



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



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



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



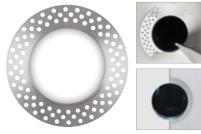
Shower light (SL): Wet location rated shower light applicable in any installation requiring dead front trims, interior or exterior non-corrosive applications, or where a diffused lens at the ceiling is required (non-conductive).



Flange



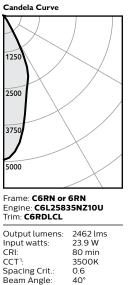
Flangeless (F): (flush-mount)Creates a flush, virtually seamless transition from aperture to ceiling.



**Mud-in ring (FT):** Low profile, machined aluminum mud-in ring provides a raised rib to plaster up to and a 3/16" flange thickness. The ring is attached to the ceiling material as opposed to the frame-in kit to avoid conduction of heat and vibration which can cause yellowing or cracking of the plaster.

# C6RDL Calculite LED 6" gen 3 **Round Downlight**

#### Narrow beam, 2500lm Engine, 103.0 lm/W or 108.0 lm/W at 22.8W (Power over Ethernet)



	Zone	Lumens 9	%Luminaire
	0-30 0-40 0-60 0-90	2113 2383 2459 2462	85.8% 96.8% 99.9% 100.0%
/	Angle	Mean CP	Lumens
	Aligie	Mean CF	Lumens
/	0 5 10	4938 4667 3948	423
	15 20	3027	856
	20 25 30	1936 977	834
	35 40	352 205	270
	45 50	87 13	72
	55	4	4
	60 65 70	3 2 1	2
	75	1	1
	80 85 90	0 1 0	0

Zonal summary

Single unit data											
Height to lighted plane	Initial center beam foot-candles	Beam diameter (ft)*									
5'	198	3.0'									
6'	137	3.6'									
7'	101	4.2'									
8'	77	4.8'									
9'	61	5.4'									

\* Beam diameter is where foot-candles drop to 50% of maximum.

#### Multiple unit data - RCR 2

Spacing on center	Initial center beam foot-candles	Watts per sq. ft.			
5'	114.3	1.06			
6'	75.0	0.70			
7'	53.6	0.50 0.41			
8'	44.7				
9'	35.7	0.33			

Report<sup>2</sup>: F37145

#### Adjustment factors

Aujustinent factors													
Finish	ССТ	Lumens											
CL = 100% CC = 95% CD = 87% CZ = 63% WH = 87% BK = 57%	80CRI 4000K = 103% 80CRI 3500K = 100% 80CRI 3000K = 95% 80CRI 2700K = 93% 90CRI 3000K = 83% 90CRI 2700K = 78%	6000lm = 202% 4800lm = 192% 3500lm = 140% 2500lm = 100% 2000lm = 80% 1500lm = 60% 1000lm = 40%											

#### **Coefficients of utilization**

Ceiling			80	0%		70%		50%		30	0%		
Wall		70	50	30	10	50	10	50	10	50	10	0	
RCR Zonal cavity method - Effective floor reflectance = 20								0%					
Room Cavity Ratio	0 1 2 3 4 5 6 7 8 9 10	119 114 109 105 100 96 92 88 85 81 78	119 112 105 99 94 89 84 80 76 73 70	119 109 101 95 89 84 79 75 71 68 65	119 107 98 91 85 80 75 71 67 64 61	116 110 103 98 93 88 83 79 76 72 69	116 106 97 90 85 79 75 71 67 64 61	111 105 100 95 90 86 82 78 75 72 68	111 102 95 89 84 79 74 71 67 64 61	106 102 97 93 88 84 81 77 74 71 68	106 99 93 88 83 78 74 70 67 64 61	100 95 90 85 80 76 72 69 65 62 59	

## Medium beam, 2500lm Engine, 115.2 lm/W or 114.7 lm/W at 21.4W (Power over Ethernet)

%Luminaire

77.2%

94.5%

99.8%

Lumens

277

777

842

423

124

8

3

1

0

100.0%

Lumens

1896

2319

2450

2454

Mean CP

2886

2900

2903

2809

2472

1880

1178 644

347

153

23

6

4

3

2

1

1

1

0

#### Candela Curve Zonal summary Zone 0-30 0-40 750 0-60 0-90 1500 Angle 0 5 2250 10 15 20 25 30 35 3000 40 45 50 Frame: C6RN or 6RN Engine: C6L25835MZ10U 55 Trim: C6RDLCL 60 65 Output lumens: 2454 lms Input watts: 21.3 W 70 75 80 min CRI: CCT1 3500K 80 Spacing Crit.: 0.8 85 Beam Angle: 55 90

#### Single unit data

9

#### Height to Initial center beam Beam diameter (ft)\* lighted plane foot-candles 5' 115 4.0' 6' 7' 80 4.8' 5.6' 59 45 6.4' 8'

36

72

\* Beam diameter is where foot-candles drop to 50% of maximum.

#### Multiple unit data - RCR 2

Spacing on center	Initial center beam foot-candles	Watts per sq. ft.							
5'	112.7	0.94							
6'	74.0	0.62							
7'	52.8	0.44							
8'	44.0	0.37							
9'	35.2	0.30							
38' x 38' x 10' Room, Workplane 2.5' above floor, 80/50/20% Reflectances									
<b>Efficacy: 115.2 lm/w</b> Report <sup>2</sup> : F37135									

#### Adjustment factors

-									
Finish	ССТ	Lumens							
CL = 100% CC = 95% CD = 87% CZ = 63% WH = 87% BK = 57%	80CRI 4000K = 102%           80CRI 3500K = 100%           80CRI 3000K = 97%           80CRI 2700K = 87%           90CRI 3000K = 77%           90CRI 2700K = 73%	6000lm = 240% 4800lm = 192% 3500lm = 140% 2500lm = 100% 2000lm = 80% 1500lm = 60% 1000lm = 40%							

#### **Coefficients of utilization**

Ceiling		80	0%		70%		50	0%	30	0%			
Wall	70	50	30	10	50	10	50	10	50	10	0		
RCR	Zo	Zonal cavity method - Effective floor reflectance = 20%											
Room Cavity Ratio 0 6 8 2 9 5 4 2 0 0	119 114 108 103 98 94 89 85 81 77 74	119 111 104 97 91 86 81 76 72 68 65	119 109 100 92 86 80 75 70 66 63 59	119 107 97 89 82 76 71 66 62 59 55	116 109 102 96 90 85 80 76 71 68 64	116 105 96 88 81 76 71 66 62 59 55	111 105 99 93 88 83 78 74 70 67 63	111 102 94 87 80 75 70 66 62 58 55	106 101 96 91 86 81 77 73 69 66 63	106 99 92 85 79 74 70 66 62 58 55	100 94 88 82 77 72 68 64 60 57 54		

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.

# **C6RDL** Calculite LED 6" gen 3 Round Downlight

## Wide beam, 2500lm Engine, 108.3 lm/W or 107.8 lm/W at 21.4W (Power over Ethernet)

Candela Curve Zonal summary			Single unit data			Adjustment factors													
	Zone	Zone Lumens %Luminaire		Height to Initial center beam Beam lighted plane foot-candles diameter (ft)*			Finish CCT							_	Lumens				
375	0-30 0-40 0-60 0-90	1394 2059 2302 2307	60.4% 89.2% 99.8% 100.0%	5' 6' 7' 8'	64 45 33 25	5.5' 6.6' 7.7' 8.8'	CL = CC = CD = CZ = WH =	100% 95% 87% 63% 87%		80CRI 4000K = 102% 80CRI 3500K = 100% 80CRI 3000K = 97% 80CRI 2700K = 87% 90CRI 3000K = 77%				% %	6000lm = 240% 4800lm = 192% 3500lm = 140% 2500lm = 100% 2000lm = 80%			2% )% )%	
750 Angle Mean CP Lumens			9'	20	9.9'	BK = 57% 90CRI 2700K = 73% 15					1500 lm = 60% 1000 lm = 40%								
	05	1612 1641	159	* Beam diam drop to 509	Coefficients of utilization														
1125	10 15	1705 1760	495	Multiple uni	Ceiling		80% 70% 5			509	% 30% 0%		0%						
1500	20 25 30	1740 1629 1408	740	Spacing on center	Initial center beam foot-candles	Watts per sq. ft.			50 nal ca	50     30     10     50     10     50       al cavity method - Effective florence									
Frame: C6RN or 6RN Engine: C6L25835WZ10U Trim: C6RDLCL	35 40 45 50 55 60	1083 700 270 39 9 5	665 232 12	5' 6' 7' 8' 9'	104.1 68.3 48.8 40.7 32.5	0.94 0.62 0.44 0.37 0.30	ty Ratio P C C 1 O	119 113 107 101 95	119 110 102 94 87	119 108 98 89 81	105				111 100 91 83 76		06 97 89 81 75	100 93 85 79 72	
Output lumens:         2307 lms           Input watts:         21.3 W           CRI:         80 min           CCT <sup>1</sup> :         3500K           Spacing Crit.:         1.1           Beam Angle:         72°	- 80 65 70 75 80 85 90	3 2 1 1 1 0	3 1 1	38' x 38' x 10 above floor, i Efficacy: 10 Report <sup>2</sup> : F:	2.5'	Room Cavity 0 6 8 2 9 5 5	90 85 80 76 72 68	81 75 70 66 61 57	75 69 64 59 55 51	70 64 59 55 51 47	80 75 70 65 61 57	70 64 59 55		69 64 59 54 50 47	77 72 67 63	69 63 58 54 50 47	66 61 57 52 49 45		

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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