LIGHTOLIER
by signify

Downlighting

Calculite LED 6" gen 3

C6 Cylinder

Calculite LED 6" generation 3 provides an excellent coupling of lighting performance, quality of light, and visual aesthetic. Industry leading visual comfort and uniform illumination make it an ideal choice for office, institution, healthcare, public, and retail applications.

Standard luminaire: Order without BAC option code.
Buy American Act of 1933 (BAA)* Compliant luminaire: Order with BAC option code.

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

Fixture

standard example: C6SDL15935MZ10UCCW | **BAC example:** C6SDL15935MZ10UCCW-BAC

Series	Mounts	Styles	Lumens	CRI	CCT	Beams	Dimming	Dim opts	Voltage	Reflector finish	Cylinder finish	Buy American
C6												
C6 Calculite LED 6"	**S** Surface **W** Wall **P** Pendant[1]	**DL** Downlight **WW** Wall Wash[2] **DW** Double Wall Wash[2]	**10** 1000 **15** 1500 **20** 2000 **25** 2500 **35** 3500 **48** 4800[3] **60** 6000[3]	**8** 80 **9** 90	**27** 2700K **30** 3000K **35** 3500K **40** 4000K	**N** Narrow **M** Medium **W** Wide[2]	**Z10** 0-10V 1%	**D2O** Dim to Off	**U** 120V/277V **3** 347V (Z10 only)	**CL** Specular clear **CC** Comfort clear **CD** Comfort clear diffuse **CZ** Champagne bronze **BK** Black (matte)	**W** White (matte) **B** Black (matte) **A** Aluminum **RAL** RAL Color[6] (standard code)	**BAC** Meets the conditions of the Buy American Act of 1933 (BAA)*
							L01 Lutron PEQ0 EcoSystem 0.1% (up to 2500lm) **L1** Lutron LDE1 EcoSystem (up to 3500lm)		**U** 120V/277V			
							D DALI 0.1%[5]	**LIN** Linear	**U** 120V/277V			
							DMX Digital Multiplexing w/RDM 0.1%[3,5] **SOL** 0-10V 0.1%	**LIN** Linear **SQR** Square	**U** 120V/277V			
							LTE Lutron LTE Hi-Lume Phase Cut 1% (up to 3500lm) **E** Forward & Reverse Phase (up to 2500lm)		**1** 120V			
							RA Integral Interact Pro RF sensor[4] (enables wireless connected lighting control)		**U** 120V/277V			

Pendant accessories (field adjustable)[1] **example:** CASK36BK

Series	Mounts	Length	Finish	Options
CA				
CA Calculite Accessory	**SK** Stem Kit	**36** 36 inches **48** 48 inches **60** 60 inches **72** 72 inches	**WH** White (matte) **BK** Black (matte) **AL** Aluminum **RAL** RAL Color[6] (standard code)	**-** None **X** DMX dimming only
	CK Cable Kit[3] (RAL canopy kit will be with black cord)	**10** 120 inches	(same four color options as above)	**-** None

Accessories (not currently BAA-compliant)

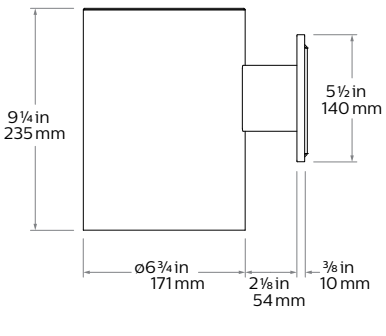
SBA Interact Ready System Bridge Accessory
(refer to Philips System Bridge Accessory spec sheet for options and detais
Irequires IRT9015 IR remote & Interact Pro App for commissioning)

1. Pendant (P) option needs to be ordered with an accessory.
2. Wall Wash (WW) and Double Wall Wash (DW) are only available with Wide (W) beam.
3. Digital Multiplex (DMX) dimming is not compatible with the Cable Kit (CK) accessory.
4. Requires external mount driver available only for surface (S) and pendant (P) mounts. See dimensions on page 1 and details on page 2.
5. Remote driver configuration required on 4800lm and 6000lm configurations. Available only on surface (S) and pendant (P) mounts.
6. RAL standard colors can be specified upon request. Add RAL standard code to (RALxxxxx).

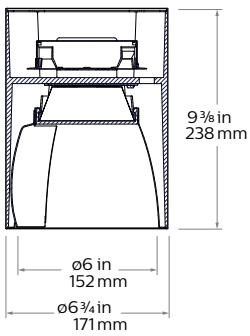
* Failure to properly select the "BAC" suffix could result in you receiving product that is not BAA compliant product with no recourse for an RMA or refund. This BAC designation hereunder does not address (i) the applicability of, or availability of a waiver under, the Trade Agreements Act, or (ii) the "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.

Dimensions

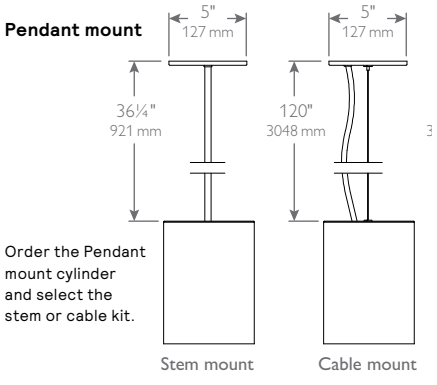
Wall mount



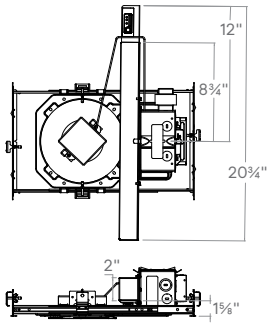
Surface mount



Pendant mount



Surface/Pendant Remote Driver
(driver assembly recessed into ceiling)



C6 Calculite LED 6" gen 3

Cylinder

Cylinder

Cylinder housing: Cast aluminum, available for installation onto a 3" or 4" junction box, stem, cable, or wall mounted.

Surface mounting (C6S): Mounts directly to junction box. Listed for wet location use.

Pendant mounting (C6P): Order with the stem or cable kit. Listed for damp location use.

Wall Mounting (C6W): Pre-attached hardware allows for simple installation into wall mounted junction box. Listed for damp location use.

Pendant accessories

Stem mounting kit: 0.375" diameter steel stem (1/8" National Pipe Thread, can be field cut to required length. 5-wire conductor cable runs alongside of stem for power and dimming. Magnetic attachment of canopy to junction box provides clean look free of hardware. Self-aligning swivel mounting system ensures cylinder hangs straight down. Stem can be cut in field for length adjustment. A 1/8" hole is required to reconnect the pendant stem to the canopy swivel. Swivel accommodates max 45° pitch.

Cable mounting kit: 10' long steel cable with 5-wire cable for power and dimming. Hardware free canopy for clean aesthetics.

Remote drivers

- Available with surface and pendant mounts only
- Requires new construction or accessibility from above for initial installation
- Mains/control wiring in frame junction box
- Connection to light engine in secondary junction box
- Remote driver is accessible from below upon removal of the cylinder

Dimming drivers

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 PEQ0 (L01) Hi-Lume Premier EcoSystem 0.1%
- Lutron LDE1 (L1) EcoSystem 1%
- Lutron LTE (LTE) Hi-Lume 2-wire phase cut 1%
- 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 for the SOL, D, and DMX driver options (ex. DMXLIN):
- SOL/D/DMX: Logarithmic (-) standard
- SOL/D/DMX: Linear (LIN)
- SOL/DMX: Square (SQR)

Optical systems

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

Comfort throughout the space: Patented optical system combines primary and secondary optics to provide a true 50° physical cutoff and 45° reflected cutoff virtually eliminating the view of the light source and bright spots in the reflector. A new reflector curve reduces reflector brightness by up to 50% compared to existing products, allowing for the use of higher lumen packages in smaller apertures without creating bright spots in the ceiling.

Quality of light: 2 SDCM ensures color consistency from fixture to fixture and over the luminaire's long lifetime. Proprietary optical grade silicone lens with patterned surface provides soft, even beam diffusion without hotspots or dark rings.

ENERGY STAR® exceptions

- 90 CRI configurations
- Champagne Bronze and Black finishes
- EldoLED Solo drivers

Labels and Listings

- cULus listed for wet locations (surface mount)
- cULus listed for damp locations (wall and pendant mount)
- ENERGY STAR® certified
- RoHS certified

Warranty

5 year warranty on complete system.

Complete warranty available at: http://images.philips.com/is/content/PhilipsConsumer/PDFDownloads/United%20States/ODLI20150930_003-UPD-en_US-Philips-warranty-indoor-PLS-us.pdf

Narrow (0-10V)

Lumen package	Input volts	Input freq	Input current	Drive current	Input power	THD power	Power factor
1000lm	120V	50/60Hz	0.08	230mA	9W	<15%	>0.95
	277V		0.04			<20%	>0.90
1500lm	120V	50/60Hz	0.11	340mA	15W	<10%	>0.95
	277V		0.05			<15%	>0.95
2000lm	120V	50/60Hz	0.16	460mA	22W	<10%	>0.95
	277V		0.08			<15%	>0.95
2500lm	120V	50/60Hz	0.20	590mA	25W	<10%	>0.95
	277V		0.10			<15%	>0.95
3500lm	120V	50/60Hz	0.30	900mA	36W	<10%	>0.95
	277V		0.14			<15%	>0.95
4800lm	120V	50/60Hz	0.42	1250mA	51W	<10%	>0.95
	277V		0.19			<15%	>0.95
6000lm	120V	50/60Hz	0.48	1400mA	57W	<10%	>0.95
	277V		0.21			<15%	>0.95

Medium/Wide (0-10V)

Lumen package	Input volts	Input freq	Input current	Drive current	Input power	THD power	Power factor
1000lm	120V	50/60Hz	0.08	210mA	9W	<15%	>0.95
	277V		0.04			<20%	>0.95
1500lm	120V	50/60Hz	0.11	320mA	15W	<10%	>0.95
	277V		0.05			<15%	>0.95
2000lm	120V	50/60Hz	0.15	430mA	19W	<10%	>0.95
	277V		0.07			<15%	>0.95
2500lm	120V	50/60Hz	0.19	550mA	23W	<10%	>0.95
	277V		0.09			<15%	>0.95
3500lm	120V	50/60Hz	0.25	570mA	30W	<10%	>0.95
	277V		0.11			<15%	>0.95
4800lm	120V	50/60Hz	0.36	810mA	40W	<10%	>0.95
	277V		0.16			<15%	>0.95
6000lm	120V	50/60Hz	0.50	1130mA	57W	<10%	>0.95
	277V		0.22			<15%	>0.95

Lifetime (TM-21) data

Lumens	Narrow beam	Medium/Wide beam
1000lm / 1500lm / 2000lm	L90 @ 60,000 hrs.	L90 @ 60,000 hrs.
2500lm / 3500lm / 4800lm / 6000lm	L90 @ 60,000hrs.	L85 @ 60,000hrs.

C6 Calculite LED 6" gen 3

Cylinder

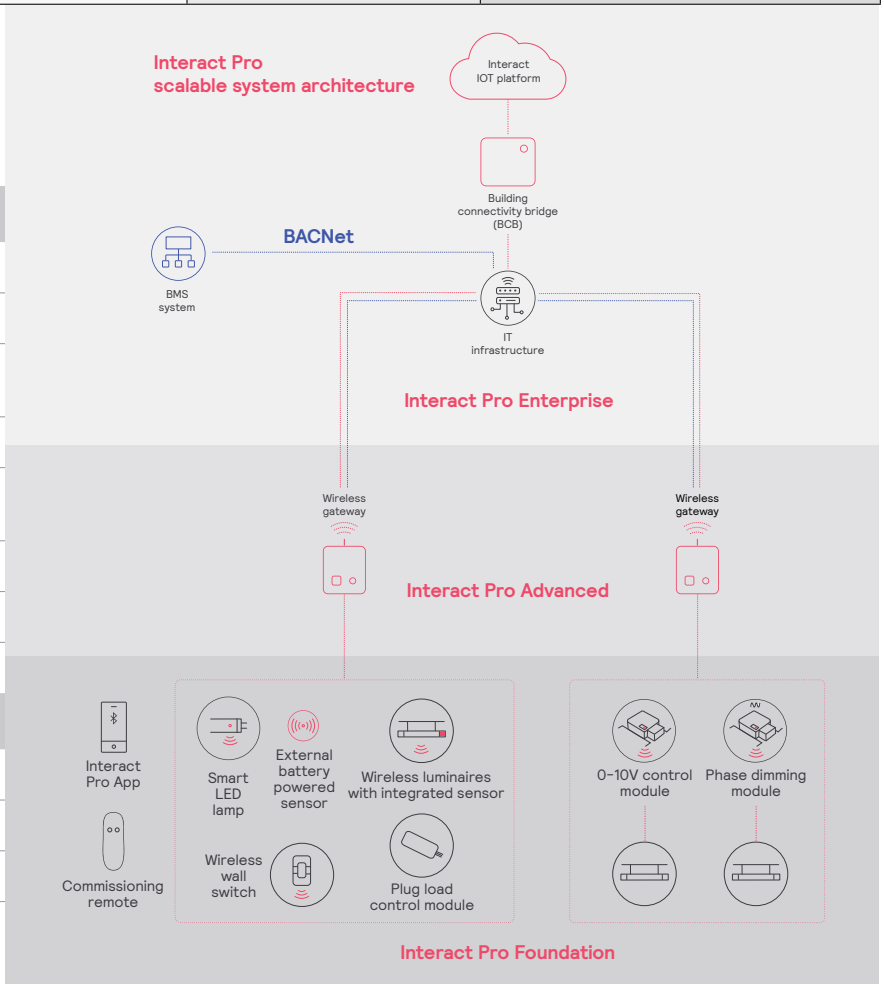
interact

	Interact Pro scalable system		
			
	Foundation	Advanced	Enterprise
Dimming, grouping, and zoning	✓	✓	✓
Bluetooth and ZigBee enabled	✓	✓	✓
Motion sensing and daylight harvesting	✓	✓	✓
Integration with 0–10V and phase dimming fixtures	✓	✓	✓
Code compliance	✓	✓	✓
Granular dimming and dwell time	✓	✓	✓
Energy reporting and monitoring		✓	✓
Scheduling		✓	✓
Demand response		✓	✓
BMS integration (BACnet)			✓
Floor plan visualization			✓
IoT sensors for wellness			✓
IoT Apps for productivity			✓

Currently supported maximum system size

To be able to design the lighting system correctly for the customer, it is important to know the prime characteristics of the system, its possibilities and limitations.

System level	
Total number of gateways	Unlimited
Total number of devices	200 per network
• luminaires with integrated sensors	150
• smart TLEDS	150
Total number of ZGP devices (sensors and switches)	50
• sensors	30
• switches	50
• zones and groups	64
Group level	
Recommended number of lights	40 (recommended 25)
Number of ZGP devices	5
Number of scenes	16



C6 Calculite LED 6" gen 3

Cylinder

Wireless Controls Options

Interact Pro scalable sensor (System Bridge Accessory with -CS option):

- CS is a connected sensor with integral occupancy and daylight sensing and supports wireless mesh connectivity.
- The sensor works in the Foundation mode (similar to SpaceWise) when configured without a gateway or in an Interact Pro Advanced or Enterprise mode if a compatible gateway is used.
- Interact Pro includes an App, a portal and a broad portfolio of wireless luminaires, lamps and retrofit kits all working on the same system.
- Startup is implemented via Interact Pro App (Android or iPhone) & BlueTooth connectivity. The App provides flexibility to choose between a gateway or non gateway mode for setup.
- Setup with the gateway requires wired internet access to the gateway. It is possible to add a gateway at a later point.
- Prepare project configuration steps remotely and use IRT9015 remote onsite to identify and group devices together.
- Compatible with:
  - SWS200 wireless scene switch
  - Battery powered IP42 presence sensor OCC sensor IA CM WH 10/1
  - Battery powered IP42 presence & daylight sensor OCC-DL sensor IA CM IP42 WH
  - Battery powered IP65 presence sensor OCC sensor IA CM IP65 WH
  - Battery powered IP65 presence & daylight sensor OCC-DL sensor IA CM IP65 WH
- For more information on Interact Pro visit: www.interact-lighting.com/interactproscalablesystem.

Interact Pro Enterprise (System Bridge Accessory with -SB option):

- 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 SWS200 wireless scene switch, wireless Occ sensor (OCC SENSOR IA CM IP42 WH 10/1) and wireless Day/Occ sensor (OCC MULTI SENSOR IA CM WH 10/1) and wireless Occupancy or Daylight & Occupancy sensors available.
- Use Interact software and insights to increase building efficiency, achieve building wide integration and optimize space through occupancy analytics.
- SB option in addition to occupancy and daylight sensing supports advanced IoT capabilities such as people estimation analysis, desk level temperature & humidity sensing, noise classification, and BLE beacon.
- Requires compatible Gateway and internet connectivity for commissioning.
- For more information, visit: www.interact-lighting.com/office or www.usa.lighting.philips.com/systems/system-areas/offices.

Emergency Options (ER100) (System Bridge Accessory with -ER100 option):

- Power Sensing (Factory default) – Recommended UL924 option requires unswitched power sense line, absence of voltage on the normal circuit triggers luminaire to 100% output
- Power Interruption Detection (Field option) – Detects AC power interruption >30ms triggers 90 minute emergency mode with luminaire at 100% output

Radio only sensor (RA):

- Integral radio (RA) only sensor simply enables wireless mesh connectivity to the luminaire without any occupancy or daylight sensing.
- Ideal for applications where sensing functionality is managed by other Interact devices and the luminaire only needs to have wireless connectivity.
- Integral RF device affixed to remote recessed driver assembly.

Polished Reflectors

Shown as round reflectors but represent the finish of Calculite square 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).

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 (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.

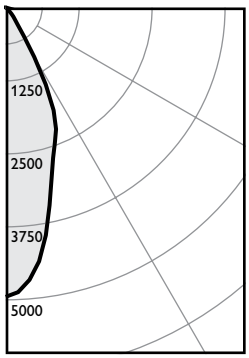
Black (BK): (anodized) Specular finish that provides the lowest aperture brightness possible and significantly reduces source identification in a ceiling.

C6 Calculite LED 6" gen 3

Cylinder

Narrow beam, 2500lm Engine, 103.0 lm/W

Candela Curve



Cylinder: **C6SDL25835NZ10UCLW**

Output lumens:	2462 lms
Input watts:	23.9 W
CRI:	80 min
CCT[1]:	3500K
Spacing Crit.:	0.6
Beam Angle:	40°

Zonal summary

Zone	Lumens	%Luminaire
0-30	2113	85.8%
0-40	2383	96.8%
0-60	2459	99.9%
0-90	2462	100.0%

Angle	Mean CP	Lumens
0	4938	
5	4667	423
10	3948	
15	3027	856
20	2456	
25	1936	834
30	977	
35	352	270
40	205	
45	87	72
50	13	
55	4	4
60	3	
65	2	2
70	1	
75	1	1
80	0	
85	1	0
90	0	

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
8'	44.7	0.41
9'	35.7	0.33

38' x 38' x 10' Room, Workplane 2.5' above floor, 80/50/20% Reflectances

Efficacy: 103.0 lm/w
Report[2]: F37145

Adjustment factors

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

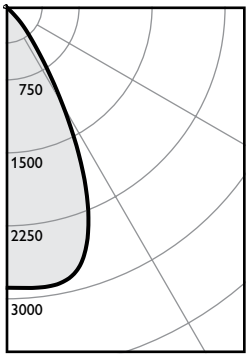
Coefficients of utilization

Ceiling	80%				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	119	119	119	119	116	116	111	111	106	106	100
1	114	112	109	107	110	106	105	102	102	99	95
2	109	105	101	98	103	97	100	95	97	93	90
3	105	99	95	91	98	90	95	89	93	88	85
4	100	94	89	85	93	85	90	84	88	83	80
5	96	89	84	80	88	79	86	79	84	78	76
6	92	84	79	75	83	75	82	74	81	74	72
7	88	80	75	71	79	71	78	71	77	70	69
8	85	76	71	67	76	67	75	67	74	67	65
9	81	73	68	64	72	64	72	64	71	64	62
10	78	70	65	61	69	61	68	61	68	61	59

Room Cavity Ratio

Medium beam, 2500lm Engine, 115.2 lm/W

Candela Curve



Cylinder: **C6SDL25835MZ10UCLW**

Output lumens:	2454 lms
Input watts:	21.3 W
CRI:	80 min
CCT[1]:	3500K
Spacing Crit.:	0.8
Beam Angle:	55°

Zonal summary

Zone	Lumens	%Luminaire
0-30	1896	77.2%
0-40	2319	94.5%
0-60	2450	99.8%
0-90	2454	100.0%

Angle	Mean CP	Lumens
0	2886	
5	2900	277
10	2903	
15	2809	777
20	2472	
25	1880	842
30	1178	
35	644	423
40	347	
45	153	124
50	23	
55	6	8
60	4	
65	3	3
70	2	
75	1	1
80	1	
85	1	0
90	0	

Single unit data

Height to lighted plane	Initial center beam foot-candles	Beam diameter (ft)*
5'	115	4.0'
6'	80	4.8'
7'	59	5.6'
8'	45	6.4'
9'	36	7.2'

* 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

Efficacy: 115.2 lm/w
Report[2]: F37135

Adjustment factors

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

Coefficients of utilization

Ceiling	80%				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	119	119	119	119	116	116	111	111	106	106	100
1	114	111	109	107	109	105	105	102	101	99	94
2	108	104	100	97	102	96	99	94	96	92	88
3	103	97	92	89	96	88	93	87	91	85	82
4	98	91	86	82	90	81	88	80	86	79	77
5	94	86	80	76	85	76	83	75	81	74	72
6	89	81	75	71	80	71	78	70	77	70	68
7	85	76	70	66	76	66	74	66	73	66	64
8	81	72	66	62	71	62	70	62	69	62	60
9	77	68	63	59	68	59	67	58	66	58	57
10	74	65	59	55	64	55	63	55	63	55	54

Room Cavity Ratio

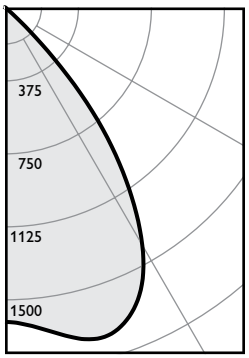
1. Correlated Color Temperature within specs as defined in ANSI_NEMA_ANSLG C78.377-2008: Specifications for the Chromaticity of Solid State Lighting Products.
2. Tested using absolute photometry as specified in LM79: IESNA Approved Method for the Electrical and Photometric Measurements of Solid-State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

C6 Calculite LED 6" gen 3

Cylinder

Wide beam, 2500lm Engine, 108.3 lm/W

Candela Curve



Cylinder: **C6SDL25835WZ10UCLW**

Output lumens:	2307 lms
Input watts:	21.3 W
CRI:	80 min
CCT[1]:	3500K
Spacing Crit.:	1.1
Beam Angle:	72°

Zonal summary

Zone	Lumens	%Luminaire
0-30	1394	60.4%
0-40	2059	89.2%
0-60	2302	99.8%
0-90	2307	100.0%

Angle	Mean CP	Lumens
0	1612	
5	1641	159
10	1705	
15	1760	495
20	1740	
25	1629	740
30	1408	
35	1083	665
40	700	
45	270	232
50	39	
55	9	12
60	5	
65	3	3
70	2	
75	1	1
80	1	
85	1	1
90	0	

Single unit data

Height to lighted plane	Initial center beam foot-candles	Beam diameter (ft)*
5'	64	5.5'
6'	45	6.6'
7'	33	7.7'
8'	25	8.8'
9'	20	9.9'

* 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'	104.1	0.94
6'	68.3	0.62
7'	48.8	0.44
8'	40.7	0.37
9'	32.5	0.30

38' x 38' x 10' Room, Workplane 2.5' above floor, 80/50/20% Reflectances

Efficacy: 108.3 lm/w
Report[2]: F37140

Adjustment factors

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

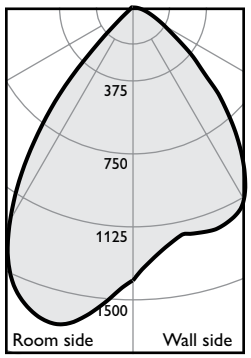
Coefficients of utilization

Ceiling	80%				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	119	119	119	119	116	116	111	111	106	106	100
1	113	110	108	105	108	104	104	100	100	97	93
2	107	102	98	94	100	93	97	91	94	89	85
3	101	94	89	85	93	84	90	83	88	81	79
4	95	87	81	77	86	76	84	76	82	75	72
5	90	81	75	70	80	70	78	69	77	69	66
6	85	75	69	64	75	64	73	64	72	63	61
7	80	70	64	59	70	59	68	59	67	58	57
8	76	66	59	55	65	55	64	54	63	54	52
9	72	61	55	51	61	51	60	50	59	50	49
10	68	57	51	47	57	47	56	47	55	47	45

Room Cavity Ratio

Wall Wash, 2500lm Engine, 103.5 lm/w

Candela Curve



Cylinder: **C6SWW25835WZ10UCLW**

CCT[1]:	3500K
Output lumens:	2204 lms
Input watts:	21.3 W
CRI:	80 min

Efficacy: 103.5 lm/w
Report[2]: F37141

Multiple unit data
Footcandles on wall

Distance from ceiling in feet	2' from wall, 3' on ctr.		
1	33	24	33
2	61	44	61
3	58	60	58
4	46	49	46
5	37	37	37
6	28	29	28
7	23	23	23
8	19	19	19
9	16	16	16
10	14	14	14
12	12	12	12
14	10	10	10

Multiple unit data
Footcandles on wall

Distance from ceiling in feet	3' from wall, 3' on ctr.		
1	15	15	15
2	26	26	26
3	37	37	37
4	40	42	40
5	38	38	38
6	33	33	33
7	28	28	28
8	24	24	24
9	20	20	20
10	18	18	18
12	14	15	14
14	13	12	13

Multiple unit data
Footcandles on wall (shown above)

Distance from ceiling in feet	3' from wall, 4' on ctr.		
1	13	11	13
2	22	18	22
3	31	26	31
4	31	32	31
5	28	30	28
6	25	26	25
7	21	22	21
8	18	18	18
9	16	16	16
10	14	14	14
12	11	11	11
14	10	10	10

Adjustment factors

Finish			CCT			Lumens		
CL	=	100%	80CRI 4000K	=	102%	6000lm	=	202%
CC	=	95%	80CRI 3500K	=	100%	4800lm	=	192%
CD	=	87%	80CRI 3000K	=	97%	3500lm	=	140%
CZ	=	63%	80CRI 2700K	=	87%	2500lm	=	100%
WH	=	87%	90CRI 3000K	=	77%	2000lm	=	80%
BK	=	57%	90CRI 2700K	=	73%	1500lm	=	60%
						1000lm	=	40%

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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