

CDG

4" and 6" Modular LED Downlight

Product Description

Introducing the CDG LED Commercial Downlight System, a versatile lighting solution that combines modular design features with Selectable wattage/color temperature and wireless control technology. The galvanized steel frame features field-swappable mounting collars for both 4" and 6" trim reflectors available in multiple finishes. For retrofit applications, ditch the frame entirely and mount the trim directly via pre-installed retention clips. The remote junction box/driver is equipped with a hinged door for through-wiring and optional clips for effortless frame attachment. Standard field-adjustable optics produce a range of 36° to 60°, while the optional narrow optic spans 22° to 36° for a more focused light distribution. A wall wash lens can be added to either optic for refined directional lighting. The CDG operates at 120-277V with 0-10V dimming and a 12V accessory wire for Bluetooth control via the NICOR NLC app. Add 4W or 8W emergency backup for added safety and security. NICOR's CDG System sets a new standard in commercial lighting, defining versatility, convenience, and innovation.

Construction

- Galvanized steel mounting frame with interchangeable frame collars
- Galvanized steel junction box with hinged door and locking tabs
- Clip on driver can be mounted facing either direction
- One combination 1/2"-3/4" and four 1/2" knockouts for through wiring
- Mounting brackets provide 2" vertical adjustment

Optical System

- Field adjustable optic from 36°-60° standard
- Narrow optic of 22°-36° available for field installation
- Clip on, rotatable wall wash lens accessory available
- Reflectors provide cutoff angle of 55° (6") and 50° (4")
- 90CRI standard

Finish

- Reflector finishes of:
 - Specular Smooth (6" only)
 - Specular Prismatic (4" only)
 - Haze
 - White
- Each reflector features a white flange

Electrical

- 120-277VAC, 60Hz Input voltage
- 5 CCT and 3 Wattage Selectable options; selector switches located on junction box
- 5 CCT Select: 2700K-3000K-3500K-4000K-5000K
- 3 Wattage Select: 38W/3000lm-25W/2200lm-12W/1100lm
- Junction box capacity: 6 (3 in, 3 out) No.12 AWG conductors, rated for 90°C
- Full-range dimming from 0 - 10VDC
- 12VDC output wire for powering controls hardware
- 4W or 8W emergency packs available on frame models
- Ambient temperature rating of -4°F-113°F (-20°C-45°C)

Controls

- NLC (Network Lighting Controls) compatible
- Bluetooth Low Energy (BLE) mesh network providing Luminaire Level Lighting Control
- Configurable with the NICOR NLC app available on iOS and Android devices
- Provides full dimming control with occupancy and daylight harvesting functions

Mounting and Installation

- Field interchangeable mounting frame collars included for 4" and 6" trim options
- Mounting brackets for adjustable arms (included) or butterfly brackets (accessory)
- Adjustable hanger bars accommodate 16"-24" joist spacing
- Trim/Light engine mount with torsion springs
- Retrofit model (no frame) can be used with existing commercial frames or frameless installations

Listings

- cETLus 1598 for wet locations
- CA Title 24 / JA8 compliant
- RoHS compliant
- Meets FCC Part 15, Subpart B, Class B standards for conducted and radiated emissions
- TM-21 Reported L70(9k) life >50,000 hours
- LM-79, LM-80 testing performed in accordance with IESNA standards

Warranty

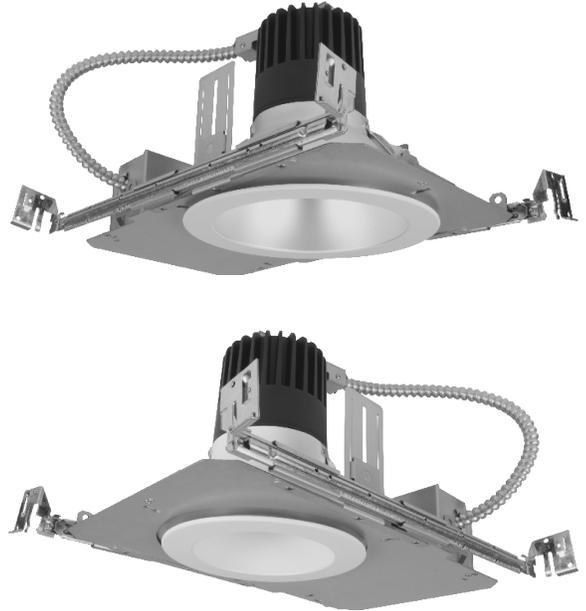
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the fixture or electrical distribution panel

Project

Catalog

Type

Date



CDG
4" and 6"
Commercial Downlight
Selectable Wattage
Selectable CCT
Selectable Beam Angle



CDG

4" and 6" Modular LED Downlight

Ordering

Ordering Information										Example: CDG6138SUS9CLWHMD
Series	Version	Style	Wattage	Voltage	CCT	CRI	Reflector	Flange	Optic	Emergency ¹
CDG4	1	___ (Frame)	385 (12/25/38W)	U (120-277VAC)	S (27/30/35/40/50K)	9 (90)	CL (Clear)	WH (White)	MD (Medium)	___ (none)
CDG6	RT (Retrofit) ¹						HZ (Haze)		MN (Medium-Narrow)	E1 (4W)
							WH (White)			E2 (8W)

Specifications and dimensions subject to change without notice.

¹) EM available as a field installed accessory on RT models.

Accessories

Wall wash Kit	CDG1WWKIT
Narrow optic kit	CDG1OPTICMN
Butterfly bracket (set of 2)	CDG1BTRFLYBRKT
C-channel bar hanger (set of 2)	17208
Universal C-Channel Bar Hanger (set of 4)	ARCHHBKIT

Replacement Parts

Replacement 4" Trim - Specular Prismatic	CDG41-TR-CL
Replacement 4" Trim - Haze	CDG41-TR-HZ
Replacement 4" Trim - White	CDG41-TR-WH
Replacement 6" Trim - Specular Smooth	CDG61-TR-CL
Replacement 6" Trim - Haze	CDG61-TR-HZ
Replacement 6" Trim - White	CDG61-TR-WH
Replacement Light Engine	CDG138SUS9MD-MODULE
Replacement Driver	CDG1RT38S-DRIVER
Replacement Wall Wash Lens	CDG1LENSWW
Replacement Frame and Driver	CDG138S-FRM-DRV

Recommended Dimmers*

Lutron NTSTV
 Lutron DVSTV
 Cooper SF10P
 Legrand RH4FBL3PW

*Not a complete list.

Check compatibility before installation.

NLC Controls

The CDG can be configured in zone control or LLLC configurations by attaching the NLCSPCW1WH Wireless Low-Voltage PIR/Daylight sensor with the NLCSPCMOUNT1 Recessed Ceiling Mount.

See www.nicorlighting/network-lighting-controls for more information and NLC Component Data Sheets



NLCSPCW1WH
Wireless Low-Voltage
PIR/Daylight Sensor



NLCSPCMOUNT1
Recessed Ceiling Mount

Performance Data

CDG4		52° Medium Optic Setting			36° Medium Optic Setting			36° Narrow Optic Setting			22° Narrow Optic Setting		
Wattage	CCT	Lumens	Watts	Lumens/Watt									
12W	2700K	1140	11.5	99.3	1110	11.5	96.5	1232	11.5	107.1	1309	11.5	113.8
	3000K	1143	11.5	99.4	1113	11.5	96.8	1235	11.5	107.4	1313	11.5	114.1
	3500K	1158	11.5	100.7	1128	11.5	98.1	1252	11.5	108.9	1330	11.5	115.7
	4000K	1174	11.5	102.0	1143	11.5	99.4	1268	11.5	110.3	1347	11.5	117.2
	5000K	1183	11.5	102.9	1152	11.5	100.2	1278	11.5	111.2	1358	11.5	118.1
25W	2700K	2271	23.9	95.0	2131	24.0	88.9	2483	24.0	103.5	2638	24.1	109.5
	3000K	2277	23.9	95.3	2137	24.0	89.0	2490	24.0	103.8	2645	24.1	109.8
	3500K	2308	23.9	96.6	2165	24.0	90.2	2523	24.0	105.1	2680	24.1	111.2
	4000K	2338	23.9	97.8	2194	24.0	91.4	2556	24.0	106.5	2716	24.1	112.7
	5000K	2357	23.9	98.6	2211	24.0	92.1	2577	24.0	107.4	2737	24.1	113.6
38W	2700K	3016	37.2	81.1	3006	37.2	80.8	3510	37.1	94.6	3736	36.7	101.8
	3000K	3025	37.2	81.3	3014	37.2	81.0	3520	37.1	94.9	3747	36.7	102.1
	3500K	3065	37.2	82.4	3054	37.2	82.1	3567	37.1	96.1	3796	36.7	103.4
	4000K	3105	37.2	83.5	3094	37.2	83.2	3613	37.1	97.4	3846	36.7	104.8
	5000K	3130	37.2	84.1	3119	37.2	83.9	3642	37.1	98.2	3877	36.7	105.6

CDG6		60° Medium Optic Setting			36° Medium Optic Setting			36° Narrow Optic Setting			22° Narrow Optic Setting		
Wattage	CCT	Lumens	Watts	Lumens/Watt									
12W	2700K	1266	11.5	110.1	1170	11.5	101.8	1270	11.5	110.4	1330	11.5	115.7
	3000K	1276	11.5	111.0	1179	11.5	102.5	1280	11.5	111.3	1340	11.5	116.6
	3500K	1284	11.5	111.7	1187	11.5	103.2	1288	11.5	112.0	1349	11.5	117.3
	4000K	1295	11.5	112.6	1197	11.5	104.0	1299	11.5	112.9	1360	11.5	118.3
	5000K	1298	11.5	112.9	1200	11.5	104.3	1303	11.5	113.3	1364	11.5	118.6
25W	2700K	2541	24.2	105.0	2290	24.1	94.9	2520	23.6	106.8	2665	24.1	110.6
	3000K	2561	24.2	105.8	2308	24.1	95.8	2540	23.6	107.6	2686	24.1	111.5
	3500K	2578	24.2	106.5	2323	24.1	96.4	2556	23.6	108.3	2704	24.1	112.2
	4000K	2599	24.2	107.4	2342	24.1	97.2	2577	23.6	109.2	2725	24.1	113.1
	5000K	2606	24.2	107.7	2349	24.1	97.5	2585	23.6	109.5	2733	24.1	113.4
38W	2700K	3200	37.1	86.3	3030	37.0	81.8	3606	36.8	98.0	3726	37.0	100.7
	3000K	3225	37.1	86.9	3054	37.0	82.5	3634	36.8	98.8	3755	37.0	101.5
	3500K	3246	37.1	87.5	3074	37.0	83.1	3658	36.8	99.4	3780	37.0	102.2
	4000K	3273	37.1	88.2	3099	37.0	83.8	3688	36.8	100.2	3811	37.0	103.0
	5000K	3282	37.1	88.5	3108	37.0	84.0	3698	36.8	100.5	3822	37.0	103.3

Wall Wash		CDG6 (Narrow set to 22°)			CDG4 (Narrow set to 22°)		
Wattage	CCT	Lumens	Watts	Lumens/Watt	Lumens	Watts	Lumens/Watt
12W	2700K	1131	11.5	98.4	1055	11.5	91.8
	3000K	1141	11.5	99.2	1058	11.5	92.0
	3500K	1147	11.5	99.8	1073	11.5	93.3
	4000K	1157	11.5	100.6	1086	11.5	94.4
	5000K	1160	11.5	100.9	1095	11.5	95.2
25W	2700K	2247	24.1	93.2	2126	24.1	88.2
	3000K	2263	24.1	93.9	2132	24.1	88.5
	3500K	2279	24.1	94.6	2162	24.1	89.7
	4000K	2298	24.1	95.4	2189	24.1	90.8
	5000K	2304	24.1	95.6	2207	24.1	91.6
38W	2700K	3214	36.2	88.7	3007	36.2	83.0
	3000K	3240	36.2	89.4	3031	36.2	83.7
	3500K	3259	36.2	90.0	3049	36.2	84.2
	4000K	3288	36.2	90.8	3076	36.2	84.9
	5000K	3298	36.2	91.0	3085	36.2	85.2

CDG

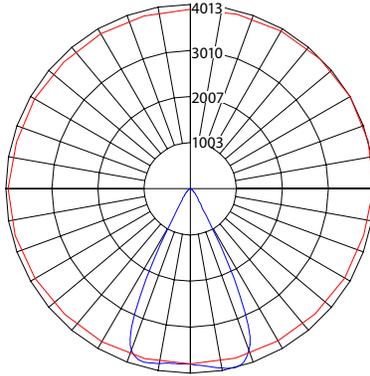
4" and 6" Modular LED Downlight

Photometric Data

CDG4 Medium

38W, Haze, 50° Distribution

Input Voltage (VAC)	120-277V
System Level Power (W)	37.2
Delivered Lumens* (Lm)	3016
System Efficacy (Lm/W)	81.2
Correlated Color Temp (K)	2663
Color Rendering Index (CRI)	94 R9=60
Beam Angle (0°)	49.7
Spacing Criteria (0°)	0.95



Intensity Summary (Candle Power)	
Angle	Mean CP
0	3809
5	3872
15	4006
25	2531
35	350
45	148
55	69
65	31
75	12
85	2
90	0

Cone of Light Tabulation		
Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
8	60.2	6.9
10	38.6	8.6
12	26.9	10.3
14	19.8	12.0
16	15.2	13.7

Zonal Lumen Summary		
Zone	Lumens	% of Luminaire
0-30	2546	84.4%
0-40	2789	92.5%
0-60	2965	98.3%
0-90	3016	100%
90-180	0	0%
0-180	3016	100%

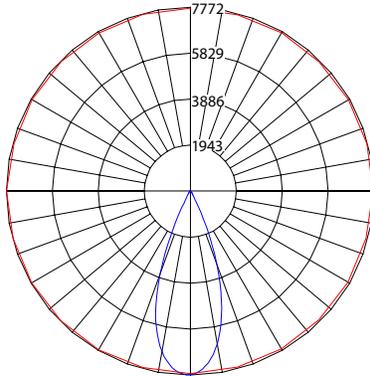
Data Multiplier - Wattage & CCT					
	2700K	3000K	3500K	4000K	5000K
12W	0.396	0.399	0.401	0.405	0.406
25W	0.794	0.800	0.806	0.812	0.814
38W	1.000	1.008	1.014	1.023	1.026

Data Multiplier - Finish	
Clear (CL)	1.081
Haze (HZ)	1.000
White (WH)	0.921

CDG4 Medium

38W, Haze, 36° Distribution

Input Voltage (VAC)	120-277V
System Level Power (W)	37.1
Delivered Lumens* (Lm)	3006
System Efficacy (Lm/W)	81.0
Correlated Color Temp (K)	2669
Color Rendering Index (CRI)	94 R9=60
Beam Angle (0°)	37.9
Spacing Criteria (0°)	0.63



Intensity Summary (Candle Power)	
Angle	Mean CP
0	7742
5	7425
15	5173
25	1332
35	172
45	75
55	35
65	15
75	6
85	1
90	0

Cone of Light Tabulation		
Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
8	118.9	5.4
10	75.3	6.8
12	51.5	8.2
14	37.2	9.5
16	27.9	10.9

Zonal Lumen Summary		
Zone	Lumens	% of Luminaire
0-30	2788	92.8%
0-40	2896	96.3%
0-60	2980	99.1%
0-90	3006	100%
90-180	0	0%
0-180	3006	100%

Data Multiplier - Wattage & CCT					
	2700K	3000K	3500K	4000K	5000K
12W	0.396	0.399	0.401	0.405	0.406
25W	0.794	0.800	0.806	0.812	0.814
38W	1.000	1.008	1.014	1.023	1.026

Data Multiplier - Finish	
Clear (CL)	1.081
Haze (HZ)	1.000
White (WH)	0.921

Fixture tested per LM-79-08. Photometric data is of the performance of a representative fixture with round white trim. Results may vary in the field.



CDG

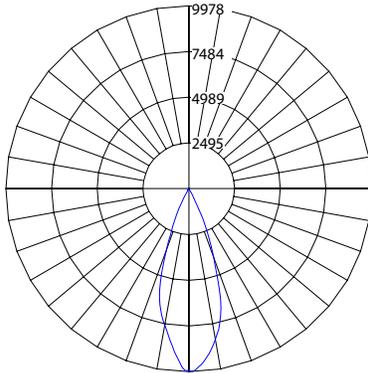
4" and 6" Modular LED Downlight

Photometric Data

CDG4 Narrow

38W, Haze, 36° Distribution

Input Voltage (VAC)	120-277V
System Level Power (W)	37.1
Delivered Lumens* (Lm)	3510
System Efficacy (Lm/W)	94.5
Correlated Color Temp (K)	2669
Color Rendering Index (CRI)	94 R9=60
Beam Angle (0°)	36.3
Spacing Criteria (0°)	0.61



Intensity Summary (Candle Power)	
Angle	Mean CP
0	9916
5	9470
15	6747
25	1810
35	53
45	17
55	0
65	0
75	0
85	0
90	0

Cone of Light Tabulation		
Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
8	146.5	5.2
10	92.3	6.5
12	63.3	7.8
14	45.8	9.0
16	34.6	10.3

Zonal Lumen Summary		
Zone	Lumens	% of Luminaire
0-30	3419	97.4%
0-40	3481	99.2%
0-60	3510	100%
0-90	3510	100%
90-180	0	0%
0-180	3510	100%

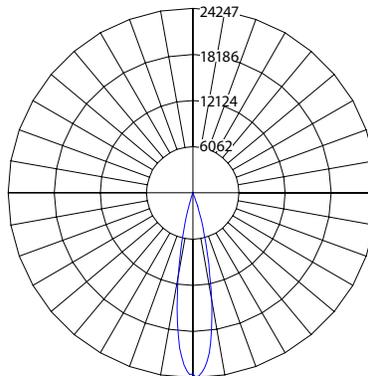
Data Multiplier - Wattage & CCT					
	2700K	3000K	3500K	4000K	5000K
12W	0.351	0.352	0.357	0.361	0.364
25W	0.707	0.709	0.719	0.728	0.734
38W	1.000	1.003	1.016	1.029	1.038

Data Multiplier - Finish	
Clear (CL)	1.081
Haze (HZ)	1.000
White (WH)	0.921

CDG4 Narrow

38W, Haze, 22° Distribution

Input Voltage (VAC)	120-277V
System Level Power (W)	36.7
Delivered Lumens* (Lm)	3736
System Efficacy (Lm/W)	101.9
Correlated Color Temp (K)	2663
Color Rendering Index (CRI)	94 R9=60
Beam Angle (0°)	21.4
Spacing Criteria (0°)	0.37



Intensity Summary (Candle Power)	
Angle	Mean CP
0	23849
5	22255
15	6795
25	575
35	93
45	14
55	0
65	0
75	0
85	0
90	0

Cone of Light Tabulation		
Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
8	340.6	3.0
10	208.2	3.7
12	136.5	4.5
14	92.4	5.2
16	64.5	6.0

Zonal Lumen Summary		
Zone	Lumens	% of Luminaire
0-30	3662	98%
0-40	3722	99.6%
0-60	3736	100%
0-90	3736	100%
90-180	0	0%
0-180	3736	100%

Data Multiplier - Wattage & CCT					
	2700K	3000K	3500K	4000K	5000K
12W	0.351	0.352	0.357	0.361	0.364
25W	0.707	0.709	0.719	0.728	0.734
38W	1.000	1.003	1.016	1.029	1.038

Data Multiplier - Finish	
Clear (CL)	1.081
Haze (HZ)	1.000
White (WH)	0.921

Fixture tested per LM-79-08. Photometric data is of the performance of a representative fixture with round white trim. Results may vary in the field.



CDG

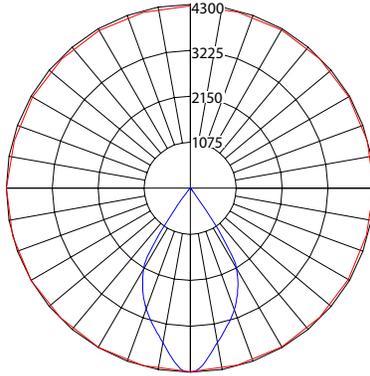
4" and 6" Modular LED Downlight

Photometric Data

CDG6 Medium

38W, Haze, 60° Distribution

Input Voltage (VAC)	120-277V
System Level Power (W)	37.1
Delivered Lumens* (Lm)	3200
System Efficacy (Lm/W)	86.3
Correlated Color Temp (K)	2669
Color Rendering Index (CRI)	94 R9=60
Beam Angle (0°)	59.3
Spacing Criteria (0°)	0.87



Intensity Summary (Candle Power)	
Angle	Mean CP
0	4288
5	4051
15	3323
25	2631
35	880
45	51
55	21
65	12
75	7
85	2
90	0

Cone of Light Tabulation		
Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
8	65.8	9.1
10	41.4	11.4
12	28.2	13.7
14	20.3	15.9
16	15.2	18.2

Zonal Lumen Summary		
Zone	Lumens	% of Luminaire
0-30	2507	78.3%
0-40	3112	97.2%
0-60	3175	99.2%
0-90	3200	100%
90-180	0	0.1%
0-180	3200	100%

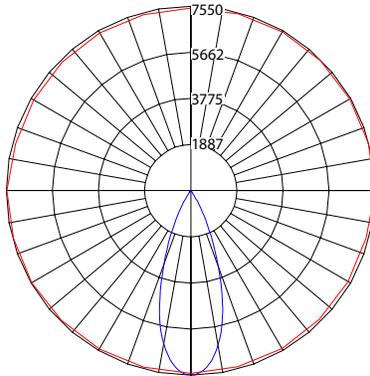
Data Multiplier - Wattage & CCT					
	2700K	3000K	3500K	4000K	5000K
12W	0.396	0.408	0.436	0.428	0.391
25W	0.794	0.819	0.874	0.858	0.785
38W	1.000	1.031	1.101	1.081	0.989

Data Multiplier - Finish	
Clear (CL)	1.039
Haze (HZ)	1.000
White (WH)	0.988

CDG6 Medium

38W, Haze, 36° Distribution

Input Voltage (VAC)	120-277V
System Level Power (W)	37.0
Delivered Lumens* (Lm)	3030
System Efficacy (Lm/W)	81.8
Correlated Color Temp (K)	2669
Color Rendering Index (CRI)	94 R9=60
Beam Angle (0°)	36.8
Spacing Criteria (0°)	0.62



Intensity Summary (Candle Power)	
Angle	Mean CP
0	7498
5	7249
15	4977
25	1762
35	181
45	38
55	8
65	3
75	1
85	0
90	0

Cone of Light Tabulation		
Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
8	116.4	5.3
10	73.7	6.6
12	50.5	7.9
14	36.4	9.2
16	27.3	10.6

Zonal Lumen Summary		
Zone	Lumens	% of Luminaire
0-30	2812	92.8%
0-40	2984	98.5%
0-60	3022	99.7%
0-90	3030	100%
90-180	0	0%
0-180	3030	100%

Data Multiplier - Wattage & CCT					
	2700K	3000K	3500K	4000K	5000K
12W	0.386	0.398	0.425	0.417	0.382
25W	0.756	0.779	0.832	0.817	0.747
38W	1.000	1.031	1.101	1.081	0.989

Data Multiplier - Finish	
Clear (CL)	1.039
Haze (HZ)	1.000
White (WH)	0.988

Fixture tested per LM-79-08. Photometric data is of the performance of a representative fixture with round white trim. Results may vary in the field.



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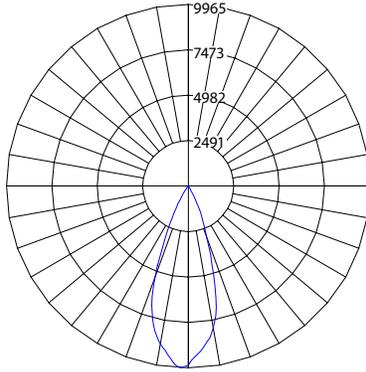
4" and 6" Modular LED Downlight

Photometric Data

CDG6 Narrow

38W, Haze, 36° Distribution

Input Voltage (VAC)	120-277V
System Level Power (W)	36.8
Delivered Lumens* (Lm)	3606
System Efficacy (Lm/W)	98.0
Correlated Color Temp (K)	2669
Color Rendering Index (CRI)	94 R9=60
Beam Angle (0°)	36.1
Spacing Criteria (0°)	0.59



Intensity Summary (Candle Power)	
Angle	Mean CP
0	9822
5	9497
15	6733
25	1885
35	181
45	0
55	0
65	0
75	0
85	0
90	0

Cone of Light Tabulation		
Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
8	144.7	5.1
10	91.2	6.4
12	62.2	7.7
14	44.8	9.0
16	33.6	10.3

Zonal Lumen Summary		
Zone	Lumens	% of Luminaire
0-30	3472	96.3%
0-40	3604	99.9%
0-60	3606	100%
0-90	3606	100%
90-180	0	0%
0-180	3606	100%

Data Multiplier - Wattage & CCT

	2700K	3000K	3500K	4000K	5000K
12W	0.352	0.355	0.357	0.360	0.361
25W	0.699	0.704	0.709	0.715	0.717
38W	1.000	1.008	1.014	1.023	1.026

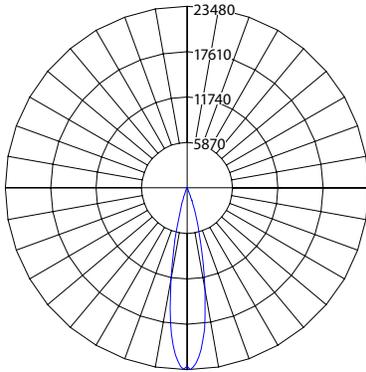
Data Multiplier - Finish

Clear (CL)	1.039
Haze (HZ)	1.000
White (WH)	0.988

CDG6 Narrow

38W, Haze, 22° Distribution

Input Voltage (VAC)	120-277V
System Level Power (W)	36.1
Delivered Lumens* (Lm)	3726
System Efficacy (Lm/W)	103.1
Correlated Color Temp (K)	2669
Color Rendering Index (CRI)	94 R9=60
Beam Angle (0°)	21.3
Spacing Criteria (0°)	0.34



Intensity Summary (Candle Power)	
Angle	Mean CP
0	23044
5	20973
15	6267
25	605
35	109
45	9
55	0
65	0
75	0
85	0
90	0

Cone of Light Tabulation		
Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
8	311.9	3.0
10	187.3	3.7
12	120.1	4.4
14	79.1	5.2
16	54.2	5.9

Zonal Lumen Summary		
Zone	Lumens	% of Luminaire
0-30	3647	97.9%
0-40	3716	99.7%
0-60	3726	100%
0-90	3726	100%
90-180	0	0%
0-180	3726	100%

Data Multiplier - Wattage & CCT

	2700K	3000K	3500K	4000K	5000K
12W	0.352	0.355	0.357	0.360	0.361
25W	0.699	0.704	0.709	0.715	0.717
38W	1.000	1.008	1.014	1.023	1.026

Data Multiplier - Finish

Clear (CL)	1.039
Haze (HZ)	1.000
White (WH)	0.988

Fixture tested per LM-79-08. Photometric data is of the performance of a representative fixture with round white trim. Results may vary in the field.



CDG

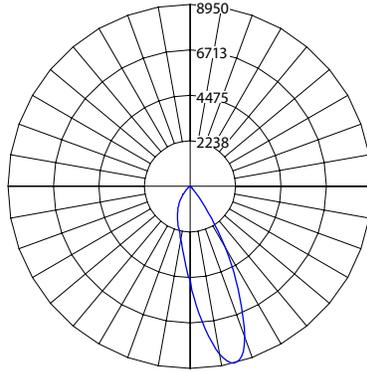
4" and 6" Modular LED Downlight

Photometric Data

CDG4 Wall Wash

38W, Haze, 22° Distribution

Input Voltage (VAC)	120-277V
System Level Power (W)	36.2
Delivered Lumens* (Lm)	3007
System Efficacy (Lm/W)	83.0
Correlated Color Temp (K)	2663
Color Rendering Index (CRI)	94 R9=60
Beam Angle (0°)	27.4
Beam Angle (90°)	28.6
Spacing Criteria (0°)	1.16
Spacing Criteria (90°)	0.46



Intensity Summary (Candle Power)	
Angle	Mean CP
0	4574
5	4062
15	1884
25	543
35	206
45	93
55	41
65	9
75	0
85	0
90	0

Cone of Light Tabulation		
Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
8	91.6	3.9
10	62.5	4.9
12	46.0	5.9
14	35.9	6.8
16	28.9	7.8

Zonal Lumen Summary		
Zone	Lumens	% of Luminaire
0-30	2321	77.2%
0-40	2774	92.2%
0-60	2986	99.3%
0-90	3007	100%
90-180	0	0%
0-180	3007	100%

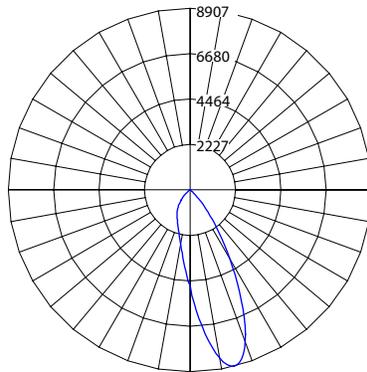
Data Multiplier - Wattage & CCT					
	2700K	3000K	3500K	4000K	5000K
12W	0.352	0.355	0.357	0.360	0.361
25W	0.699	0.704	0.709	0.715	0.717
38W	1.000	1.008	1.014	1.023	1.026

Data Multiplier - Finish	
Clear (CL)	1.039
Haze (HZ)	1.000
White (WH)	0.988

CDG6 Wall Wash

38W, Haze, 22° Distribution

Input Voltage (VAC)	120-277V
System Level Power (W)	36.2
Delivered Lumens* (Lm)	3214
System Efficacy (Lm/W)	88.7
Correlated Color Temp (K)	2669
Color Rendering Index (CRI)	94 R9=60
Beam Angle (0°)	27.8
Beam Angle (90°)	30.0
Spacing Criteria (0°)	1.20
Spacing Criteria (90°)	0.42



Intensity Summary (Candle Power)	
Angle	Mean CP
0	4681
5	3986
15	1687
25	485
35	190
45	64
55	9
65	0
75	0
85	0
90	0

Cone of Light Tabulation		
Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
8	92.5	4.0
10	63.1	4.9
12	46.4	5.9
14	36.2	6.9
16	29.1	7.9

Zonal Lumen Summary		
Zone	Lumens	% of Luminaire
0-30	2378	74%
0-40	2962	92.2%
0-60	3213	100%
0-90	3214	100%
90-180	0	0%
0-180	3214	100%

Data Multiplier - Wattage & CCT					
	2700K	3000K	3500K	4000K	5000K
12W	0.352	0.355	0.357	0.360	0.361
25W	0.699	0.704	0.709	0.715	0.717
38W	1.000	1.008	1.014	1.023	1.026

Data Multiplier - Finish	
Clear (CL)	1.039
Haze (HZ)	1.000
White (WH)	0.988

Fixture tested per LM-79-08. Photometric data is of the performance of a representative fixture with round white trim. Results may vary in the field.

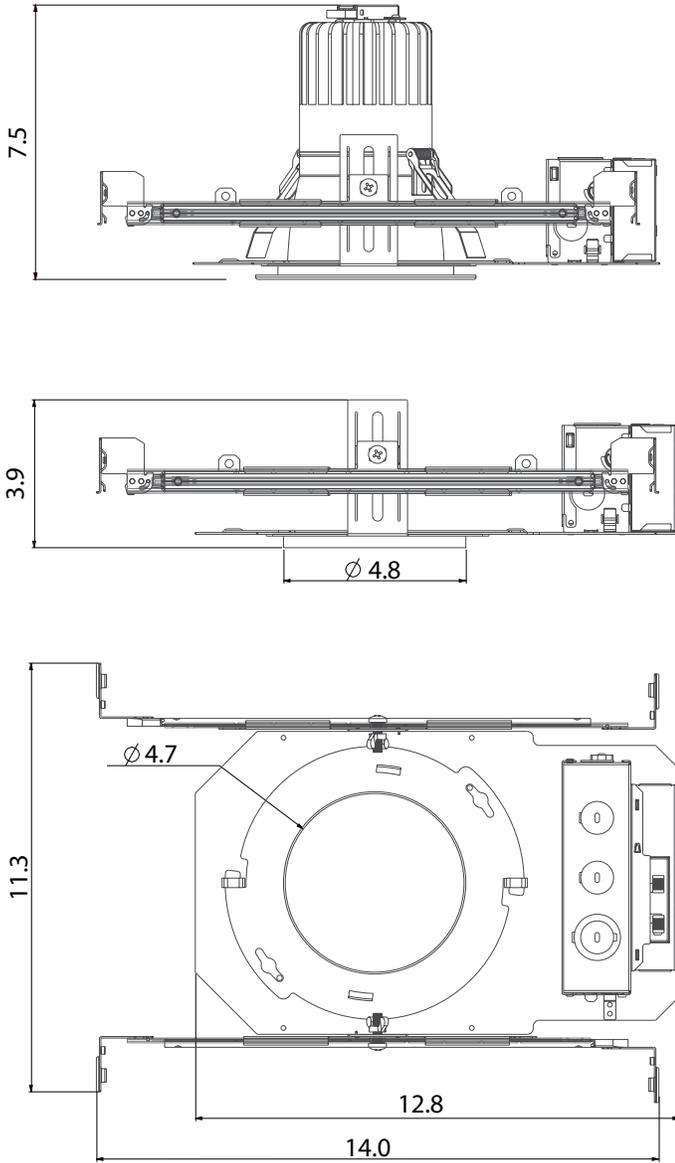


CDG

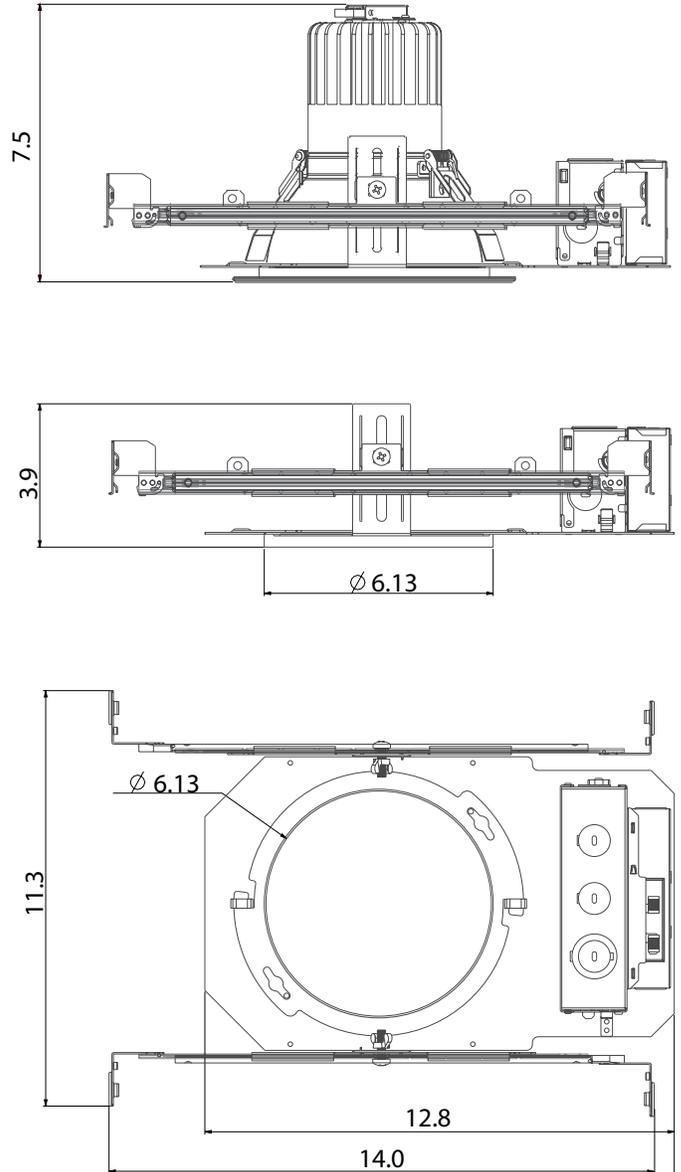
4" and 6" Modular LED Downlight

Dimensions

CDG4



CDG6

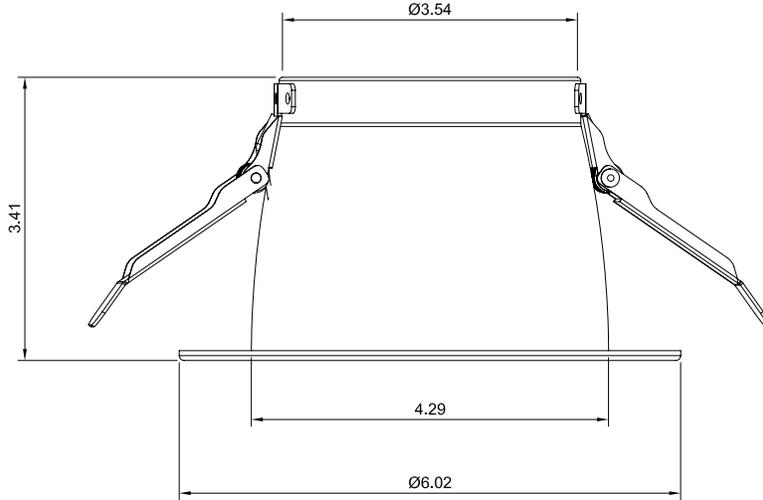


CDG

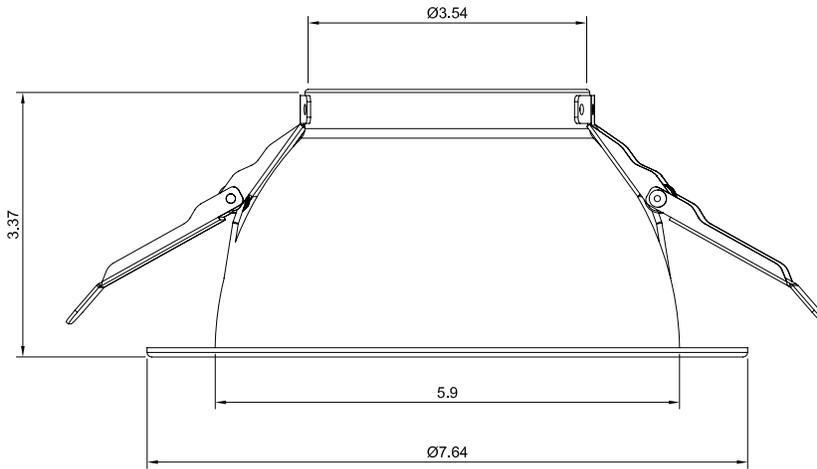
4" and 6" Modular LED Downlight

Dimensions

CDG4



CDG6



This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.