

Series Spec Sheet

COMETO CHOICE

SLIM BACKLIT COMMERCIAL DOWNLIGHT 5 CCT AND 3 POWER SELECTABLE

COMETO Choice series is a versatile downlight with 0-10 V dimming and a durable aluminum body. It offers 5 color temperatures and 3 power selectable for your design needs. This product is suitable for commercial spaces, hallways, lobbies, etc. Easy installation with torsion spring mounting clips and quick connect wire to the driver box. This downlight is perfect for new construction and renovation applications.

FEATURES AND SPECIFICATIONS

• Construction

Physical Characteristics

- White aluminum trim finish
- Available in 4", 6" and 8" round
- 100° beam angle
- Frosted polycarbonate lens
- CCT and power selectable switches are discretely on the LED driver
- FT6 cable for ceiling plenum applications

Mounting

- LED module with LED driver easily installs with included quick connect wire
- Torsion spring mounting clips

• Performance data

- Available in 2 700/3 000/3 500/4 000/5 000 K selectable color temperature
- 3 power selectable
- 80+ CRI
- 120-347 V
- Estimated life of over 50 000 hours to L70
- 0-10 V dimming standard
- Operating temperature:
-30 °C to 40 °C (-22 °F to 104 °F)

• Compliances

- cETLus listed for wet locations
- Energy Star
- Meets requirements of ICES-005 issue 5 class B for use in residential and commercial applications
- IC rated for direct contact with insulation
- Airtight as per ASTM E283 standard



OVERVIEW

Light source	LED
Watts (W)	8/10/12 12/15/18 18/20/25
Lumen output (lm)	646 - 3 128
Efficacy (lm/W)	77 - 137
Color temperature (K)	2 700/3 000/3 500/4 000/5 000
CRI	80+

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE ⌚

Order code	Model number	Watts	Volts	Color temp.	Lumen output	Efficacy	CRI	Life L70	Beam angle	Shape	Finish	Cable rating	Power factor	THD	Master case qty
		(W)	(VAC)	(K) ¹	(lm) ²	(lm/W)		(hrs) ³	(°)					(%)	
4"															
70022	DLC04R-PS12Q-5CWH/CHOICE	8/10/12	120-347	2 700/3 000/3 500/4 000/5 000	750/900/1 000	83	80+	50 000	100	Round	White	FT6	>0.9	<20	12
6"															
69570	DLC06R-PS18Q-5CWH/CHOICE	12/15/18	120-347	2 700/3 000/3 500/4 000/5 000	1 200/1 500/1 800	100	80+	50 000	100	Round	White	FT6	>0.9	<20	12
8"															
69571	DLC08R-PS25Q-5CWH/CHOICE	15/20/25	120-347	2 700/3 000/3 500/4 000/5 000	1 700/2 200/2 800	110	80+	50 000	100	Round	White	FT6	>0.9	<20	12

¹ Typical color temperature range: +/- 5 %.² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.³ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

LUMEN SPECIFICATION TABLE

Order code	Model number	Watts (W)	2 700 K		3 000 K		3 500 K		4 000 K		5 000 K	
			Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)
70022	DLC04R-PS12Q-5CWH/CHOICE	8	646	81	667	83	682	85	692	87	713	89
		10	796	80	814	81	803	80	837	84	866	87
		12	922	77	949	79	956	80	990	83	999	83
69570	DLC06R-PS18Q-5CWH/CHOICE	12	1 327	111	1 363	114	1 399	117	1 421	118	1 472	123
		15	1 634	109	1 678	112	1 721	115	1 749	117	1 801	120
		18	1 826	101	1 883	105	1 931	107	1 980	110	2 046	114
69571	DLC08R-PS25Q-5CWH/CHOICE	15	1 797	120	1 835	122	1 885	126	1 928	129	2 055	137
		20	2 467	123	2 494	125	2 595	130	2 669	133	2 726	136
		25	2 960	118	2 914	117	2 974	119	3 036	121	3 128	125

DEFAULT PROGRAMMING

70022: 12 W / 3 000 K

69570: 18 W / 3 000 K

69571: 25 W / 3 000 K

ACCESSORIES (order separately)

Order code	Model number	Type	Inner diameter (in)	Outer diameter (in)	Case qty (master)
66821 ^{1,2}	ACC/MPLATE/4.25IN/HANG.BARS/STD	Mounting plate with hanger bars	4 1/4	-	24
66058	ACC/MPLATE/4.25/ADJ/STD	Adjustable mounting plate	4 1/4	-	24
66051	ACC/MPLATE/4.25/SQR/STD	Square mounting plate	4 1/4	-	96
66143	ACC/4/VAPOR BARRIER/STD	Vapor barrier extender	4 1/4	-	50
68986	GOOF RING-4.25IN	Goof rings	4 1/4	6 1/2	120
66822 ^{1,2}	ACC/MPLATE/6.25IN/HANG.BARS/STD	Mounting plate with hanger bars	6 1/4	-	25
64921	RF/ACC/6/MOUNT.PLATE/ADJ/STD	Adjustable mounting plate	6 1/4	-	24
64263	ACC/MPLATE/6.25IN/SQR/STD	Square mounting plate	6 5/16	-	96
66144	ACC/6/VAPOR BARRIER/STD	Vapor barrier extender	6 1/4	-	50
68987	GOOF RING-6.25IN	Goof ring	6 1/4	7 7/8	120
66818 ^{1,2}	ACC/MPLATE/VELOCE8/HANG.BARS/STD	Mounting plate with hanger bars	8	-	8
68616	GOOF RING-8IN	Goof ring	8 1/4	11 1/2	24

¹ Includes brackets and screws.² Junction box not included.COMPATIBLE DIMMERS¹

Brand	4" & 6"		8"	
	Model			
Legrand	RH4FBL3PTC, WS4FBL3P		RH4FBL3PTC, WS4FBL3P	
Leviton	AWSMT-7DW ² , DD 710 ² , DS 710 ²		DD 710, DS 710	
Lutron	DIVA DVSCVT, NOVA NTSTV DV		DIVA DVSCVT, NOVA NTSTV DV	

Dimming range: 5%-100%

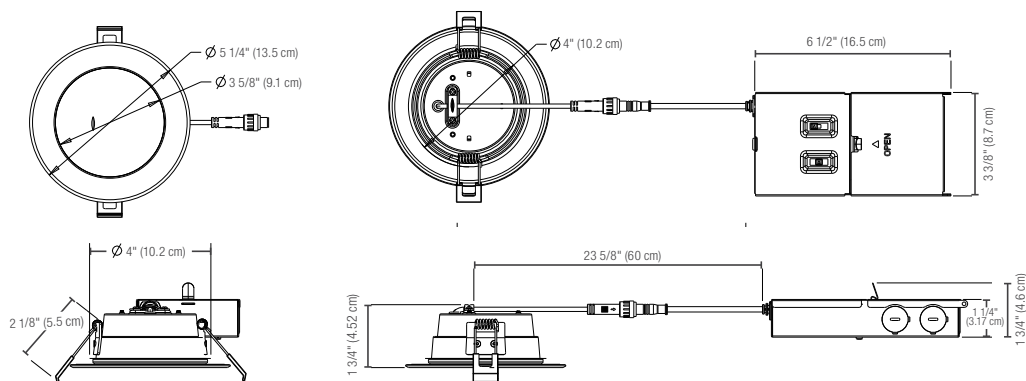
² Dimming range: 10%-100%

¹ This table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Read and comply to the dimmer installation instructions. Consult dimming system manufacturer for additional support in operation. Some dimmers may require more than one product for stable operation. Stanpro recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation.

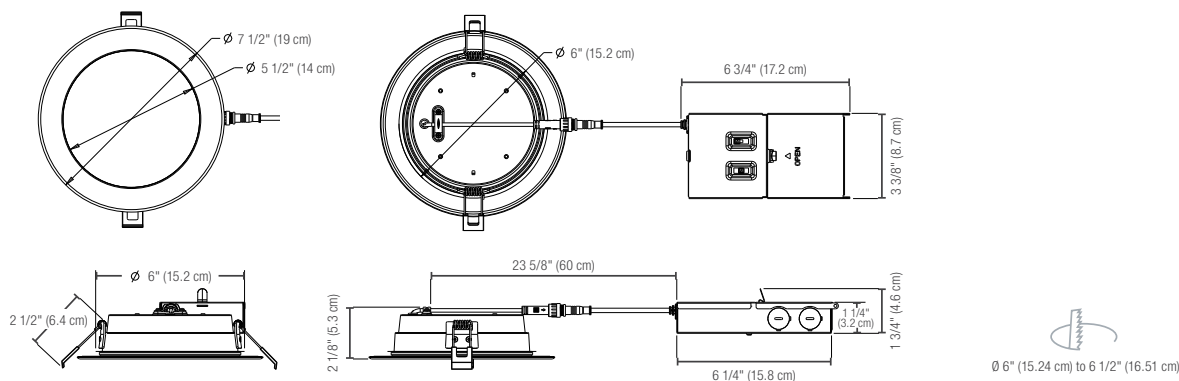
Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

DIMENSIONS AND WEIGHTS

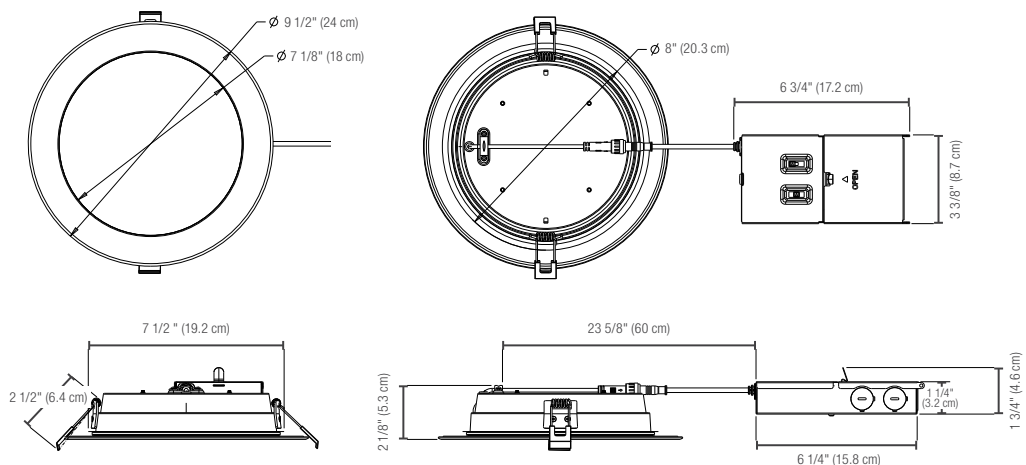
4"



6"



8"



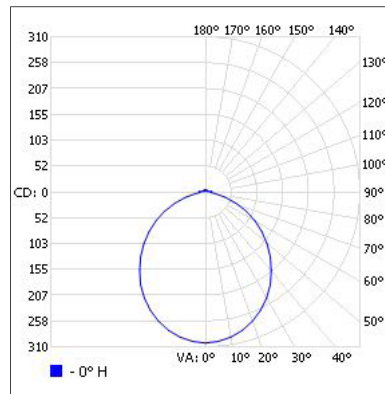
	4"	6"	8"
Net weight (lbs)	1.21	1.54	1.98

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PHOTOMETRIC DATA¹

70022 • DLC04R-PS12Q-5CWH/CHOICE • 8 W • 3 000 K • 667.3 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	190.8	28.6
0-40	307.8	46.1
0-60	528.0	79.1
60-90	120.5	18.1
70-100	49.6	7.4
90-120	8.6	1.3
0-90	648.5	97.2
90-180	18.8	2.8
0-180	667.3	100

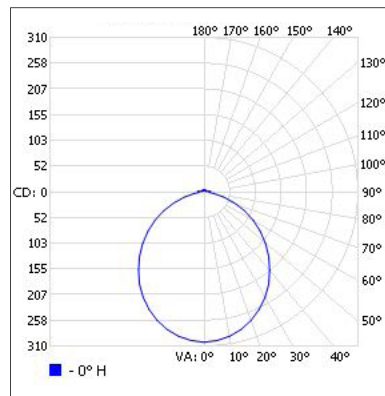
Illuminance at a distance

Center beam fc	Beam width
1.7'	4.4'
3.3'	8.5'
5.0'	12.8'
6.7'	17.2'
8.3'	21.3'
10.0'	25.6'

Vert. spread: 104.1°

70022 • DLC04R-PS12Q-5CWH/CHOICE • 10 W • 3 000 K • 813.6 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	229.3	28.2
0-40	370.7	45.6
0-60	365.5	78.1
60-90	146.5	18
70-100	70.3	8.6
90-120	19.5	2.4
0-90	782.0	96.1
90-180	31.6	3.9
0-180	813.6	100

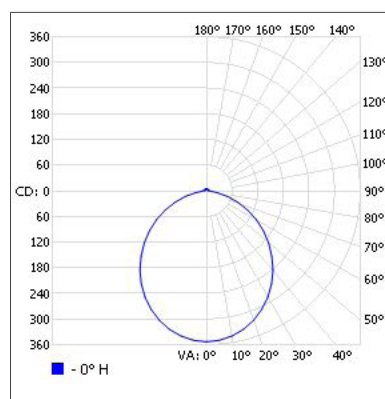
Illuminance at a distance

Center beam fc	Beam width
1.7'	4.4'
3.3'	8.5'
5.0'	12.9'
6.7'	17.3'
8.3'	21.4'
10.0'	25.8'

Vert. spread: 104.4°

70022 • DLC04R-PS12Q-5CWH/CHOICE • 12 W • 3 000 K • 948.9 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	268.2	28.3
0-40	434.1	45.7
0-60	745.7	78.6
60-90	175.6	18.5
70-100	77.3	8.1
90-120	13.8	1.5
0-90	921.3	97.1
90-180	27.6	2.9
0-180	948.9	100

Illuminance at a distance

Center beam fc	Beam width
1.7'	4.4'
3.3'	8.6'
5.0'	13.0'
6.7'	17.4'
8.3'	21.6'
10.0'	26.0'

Vert. spread: 104.9°

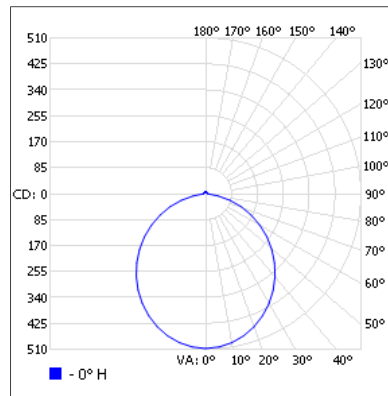
¹ Complete IES files available on our website.

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PHOTOMETRIC DATA¹

69570 • DLC06R-PS18Q-5CWH/CHOICE • 12 W • 3 000 K • 1 363.3 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	376.8	27.6
0-40	612.1	44.9
0-60	1 065.8	78.2
60-90	261.9	19.2
70-100	110.4	8.1
90-120	18.0	1.3
0-90	1 327.7	97.4
90-180	35.6	2.6
0-180	1 363.3	100

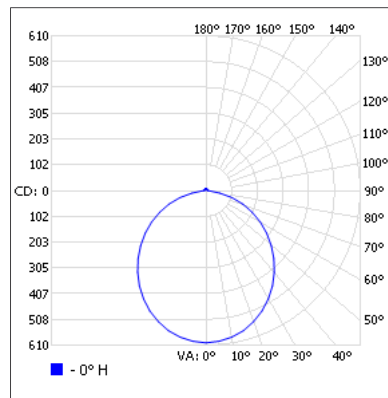
Illuminance at a distance

Center beam fc	Beam width
1.7'	4.7'
3.3'	9.1'
5.0'	13.8'
6.7'	18.5'
8.3'	22.9'
10.0'	27.6'

Vert. spread: 108.1°

69570 • DLC06R-PS18Q-5CWH/CHOICE • 15 W • 3 000 K • 1 678.0 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	458.5	27.3
0-40	744.8	44.4
0-60	1 298.7	77.4
60-90	337.6	20.1
70-100	146.9	8.8
90-120	19.6	1.2
0-90	1 636.3	97.5
90-180	41.7	2.5
0-180	1 678	100

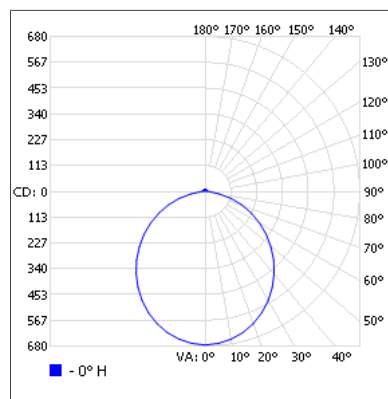
Illuminance at a distance

Center beam fc	Beam width
1.7'	4.7'
3.3'	9.1'
5.0'	13.8'
6.7'	18.6'
8.3'	23.0'
10.0'	27.7'

Vert. spread: 108.3°

69570 • DLC06R-PS18Q-5CWH/CHOICE • 18 W • 3 000 K • 1 883.0 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	515.0	27.3
0-40	836.4	44.4
0-60	1 456.3	77.3
60-90	378.7	20.1
70-100	169.7	9
90-120	23.6	1.3
0-90	1 834.9	97.4
90-180	48.1	2.6
0-180	1 883.0	100

Illuminance at a distance

Center beam fc	Beam width
1.7'	4.7'
3.3'	9.1'
5.0'	13.7'
6.7'	18.4'
8.3'	22.8'
10.0'	27.5'

Vert. spread: 107.9°

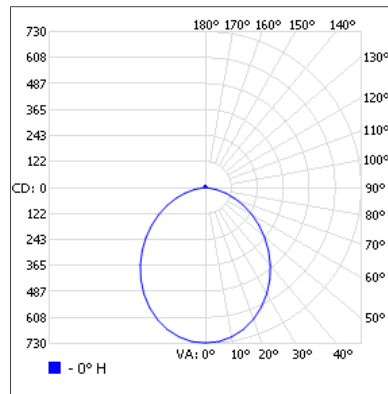
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PHOTOMETRIC DATA¹

69571 • DLC08R-PS25Q-5CWH/CHOICE • 15 W • 3 000 K • 1 834.5 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	546.1	29.8
0-40	874.1	47.6
0-60	1 470.3	80.1
60-90	323.5	17.6
70-100	133.0	7.2
90-120	17.1	0.9
0-90	1 793.8	97.8
90-180	40.8	2.2
0-180	1 834.5	100

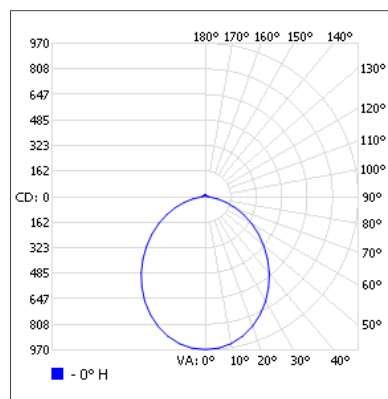
Illuminance at a distance

Center beam fc	Beam width
1.7'	4.0'
3.3'	7.8'
5.0'	11.9'
6.7'	15.9'
8.3'	19.7'
10.0'	23.7'

Vert. spread: 99.8°

69571 • DLC08R-PS25Q-5CWH/CHOICE • 20 W • 3 000 K • 2 493.8 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	726.5	29.1
0-40	1 163.8	46.7
0-60	1 926.8	78.7
60-90	456.7	18.3
70-100	209.5	8.4
90-120	41.6	1.7
0-90	2 419.5	97
90-180	74.3	3
0-180	2 493.8	100

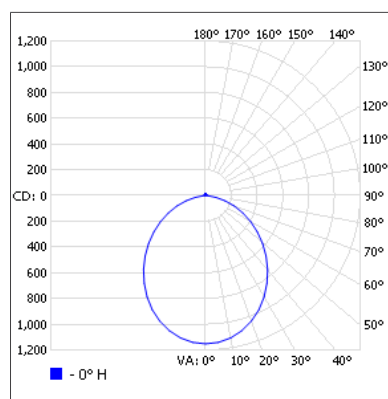
Illuminance at a distance

Center beam fc	Beam width
1.7'	4.1'
3.3'	7.9'
5.0'	12.0'
6.7'	16.0'
8.3'	19.8'
10.0'	23.9'

Vert. spread: 100.2°

69571 • DLC08R-PS25Q-5CWH/CHOICE • 25 W • 3 000 K • 2 913.5 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	863.6	29.6
0-40	1 382.3	47.4
0-60	2 331.1	80
60-90	517.9	17.8
70-100	211.2	7.2
90-120	26.7	0.9
0-90	2 849.0	97.8
90-180	64.5	2.2
0-180	2 913.5	100

Illuminance at a distance

Center beam fc	Beam width
1.7'	4.1'
3.3'	7.9'
5.0'	11.9'
6.7'	16.0'
8.3'	19.8'
10.0'	23.9'

Vert. spread: 100.1°

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