

Series Spec Sheet

GIMBAL HIGH OUTPUT

LED GIMBAL DOWNLIGHT 3.5"

The LED Gimbal High Output downlight combines a sleek design with a small aperture without any compromise to the light output. With up to 950 lumens and a CRI of 90, this small downlight provides an outstanding performance that will suit both residential and commercial applications. This downlight is also available in bulk packs of 10 units, perfect for contractor projects.

FEATURES AND SPECIFICATIONS

• Construction

Finishing

- Trim finish White, Black and Brushed Nickel
- Available in round in 3.5"

Mounting

- Cutting hole 3 1/2" (90 mm) to 4 1/4" (108 mm)
- Can cover a retrofit application cutting hole

• Technical specifications

- Phase cut dimming (TRIAC/ELV)
- Color temperature: 3 000 - 2 200, 3 000 and 4 000 K
- 90+ CRI
- FT6 cable for ceiling plenum applications
- 24° tilt and 360° module rotation to light any direction
- Estimated lifespan of 50 000 hours to L70
- Ambient temperature: -20° - +45°C
- Suitable for wet location
- IC Rated
- Air tight

• Compliances

- Energy Star
- ETL

OVERVIEW

Light source	LED
Watts (W)	12
Lumen output (lm)	660 - 950
Efficiency (lm/W)	55 - 80
Color temperature (K)	3 000 - 2 200, 3 000, 4 000
CRI	90+
Weight (lbs)	1.88



QUICK SHIP AND TECHNICAL SPECIFICATION TABLES 1

Combined LED Module and LED Driver

Order code	Model number	Watts (W)	Volts (VAC)	Color temp. (K) ²	Lumen output (lm) ³	Efficiency (lm/W)	CRI	Life L70 (hrs) ⁴	Tested hours LM-80 (hrs) ⁴	Beam angle (°)	Cable rating	Finish	Power factor	THD (%)	Case qty (master)
67809	DL/GIMBAL/RND/12W/30K/WH/STD	12	120	3 000	920	77	90+	50 000	10 000	40	FT6	White	>0.9	<20	24
67810	DL/GIMBAL/RND/12W/30K/BN/STD	12	120	3 000	920	77	90+	50 000	10 000	40	FT6	Brushed Nickel	>0.9	<20	24
67811	DL/GIMBAL/RND/12W/30K/BK/STD	12	120	3 000	920	77	90+	50 000	10 000	40	FT6	Black	>0.9	<20	24
67812	DL/GIMBAL/RND/12W/40K/WH/STD	12	120	4 000	950	79	90+	50 000	10 000	40	FT6	White	>0.9	<20	24
Warm Dim															
67813	DL/GIMBAL/RND/12W/30-22K/WH/STD	12	120	3 000-2 200	660	55	90+	50 000	6 000	40	FT6	White	>0.9	<20	24

¹ **QUICK SHIP:** Product availability is subject to change without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

² Typical color temperature range: +/- 5 %.

³ Lumens values from Energy Star reported data.

⁴ Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

Bulk pack of 10 units

Order code	Model number	Watts (W)	Volts (VAC)	Color temp. (K) ²	Lumen output (lm) ³	Efficiency (lm/W)	CRI	Life L70 (hrs) ⁴	Tested hours LM-80 (hrs) ⁴	Beam angle (°)	Cable rating	Finish	Power factor	THD (%)	Pack qty
LED Module ⁵															
68208 ⁵	DL/GIMBAL/RND/12W/30K/WH MODULE 10P	12	120	3 000	920	77	90+	50 000	10 000	40	FT6	White	>0.9	<20	10
LED Driver ⁵															
68209 ⁵	GMB-DVR-12W 10P	12	120	-	920	77	90+	50 000	-	-	-	-	>0.9	<20	10

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² Typical color temperature range: +/- 5 %.

³ Lumens values from Energy Star reported data.

⁴ Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

⁵ 68208 and 68209 have to be purchased together and cannot be used separately.

ACCESSORIES (order separately)

Part number	Description	Type	Opening diameter (in)	Case qty (master)
66049	ACC/MPLATE/3.625IN/SQR/STD	Square mounting plate	3 5/8	96
66056	ACC/MPLATE/3.625IN/ADJ/STD	Adjustable mounting plate	3 5/8	96
66142	ACC/3/VAPOR BARRIER/STD	Vapor barrier extender	3 5/8	50
66820	ACC/MPLATE/3.625IN/HANG.BARS/STD	Mounting plate with hanger bars	3 5/8	25
66964	LPDL/ACC/6FT/EXTCABLE/FT6/STD	6' FT6 Extension cord	-	96



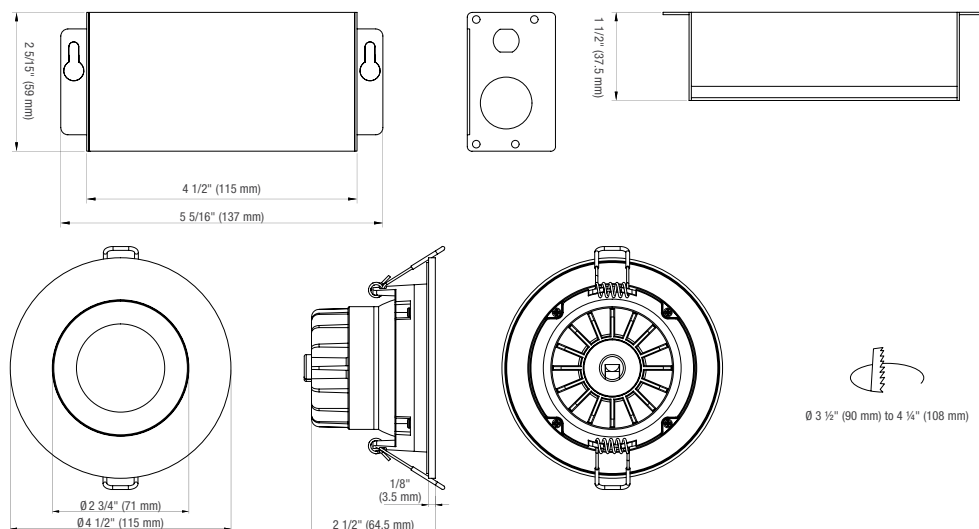
COMPATIBLE DIMMERS

Brand	Model number	
	3 000 K and 4 000 K	3 000 - 2 200 K
Legrand	RH703PTUTC	RH703PTUTC
Cooper	RRD-6NA, AAL06, SLC03P,	RRD-6NA, AAL06, SLC03P,
Leviton	IPL06, 6674, DSL06-1LZ, DSM10-1LZ, IPE04-1LZ, DDMX1	IPL06, 6674, DSL06-1LZ, DSM10-1LZ, IPE04-1LZ, DDMX1
Lutron	PD-5NE, PD-6WCL, DVCL-153P, CTCL-153P, DVCL-253P, AYCL-253P, DVRLP-253P, SELV-300P, MACL-153P	PD-5NE, DVCL-153P, CTCL-153P, DVCL-253P, AYCL-253P, DVRLP-253P, SELV-300P, MACL-153P

Dimming range: 10%-100%

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.

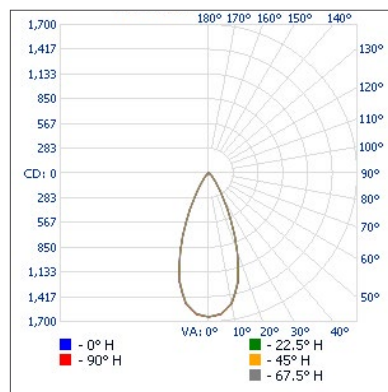
DIMENSIONS



PHOTOMETRIC DATA¹

67809 • DL/GIMBAL/RND/12W/30K/WH/STD • 966.6 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	777.5	80.4%
0-40	894.2	92.5%
0-60	955.5	98.9%
60-90	11.1	1.1%
70-100	3.5	0.4%
90-120	0	0%
0-90	966.6	100%
90-180	0	0%
0-180	966.6	100%

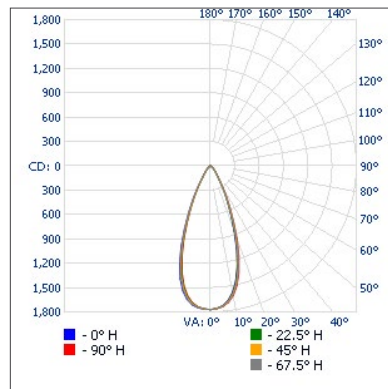
Illuminance at a distance

Center beam fc	Beam width
1.7'	1.4' 1.4'
3.3'	2.7' 2.6'
5.0'	4.0' 4.0'
6.7'	5.4' 5.4'
8.3'	6.7' 6.7'
10.0'	8.0' 8.0'

Vert. spread: 43.8°
Horiz. spread: 43.7°

67812 • DL/GIMBAL/RND/12W/40K/WH/STD • 985.5 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	796.1	80.8%
0-40	903.3	91.7%
0-60	972.3	98.7%
60-90	13.2	1.3%
0-90	985.5	100%

Illuminance at a distance

Center beam fc	Beam width
1.7'	1.3' 1.3'
3.3'	2.5' 2.5'
5.0'	3.8' 3.8'
6.7'	5.1' 5.1'
8.3'	6.3' 6.3'
10.0'	7.6' 7.6'

Vert. spread: 41.7°
Horiz. spread: 41.8°

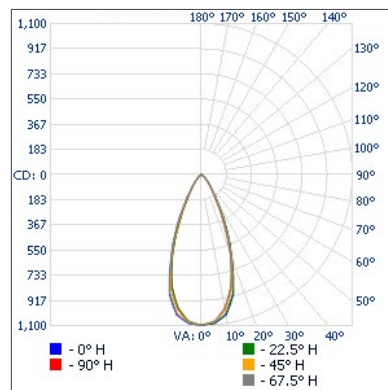
¹ Complete IES files available on our website.

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PHOTOMETRIC DATA¹

67813 • DL/GIMBAL/RND/12W/30-22K/WH/STD • 672.9 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	521.2	77.4%
0-40	608.0	90.3%
0-60	661.9	98.4%
60-90	11.1	1.6%
70-100	3.2	0.5%
90-120	0	0%
0-90	672.9	100%
90-180	0	0%
0-180	672.9	100%

Illuminance at a distance

Center beam fc		Beam width	
1.7'	379	1.4'	1.3'
3.3'	101	2.7'	2.6'
5.0'	43.8	4.1'	3.9'
6.7'	24.4	5.5'	5.3'
8.3'	15.9	6.8'	6.5'
10.0'	10.9	8.2'	7.9'

■ Vert. spread: 44.7°
■ Horiz. spread: 42.9°

¹ Complete IES files available on our website.