



Series Spec Sheet

LUMEINA

Small architectural LED downlight

Lumeina™ Series is the perfect combination of state of the art technology and aesthetic design. The quality of light of this series is comparable to an halogen lamp offering crisp, directional light which perfectly highlights surroundings. It offers a CRI of 90 and glare-control reflector design. Lumeina offers style, discretion and flexibility with a wide selection of interchangeable trims and accessories.

FEATURES AND SPECIFICATIONS

• Construction

Physical Characteristics

- Powder loaded die-cast aluminium trim
- Available shapes and sizes Round and Square
- Clear glass lense
- Glare-control reflector design
- 22°, 36° and 60° beam angles

Mounting

- LED module with LED driver easily installs with included quick connect wire
- Torsion spring mounting clips
- The module is intended for mounting in an indoor application only

• Performance Data

- Available in 3 000K single color temperatures
- 90 CRI
- 120 V
- 6 W module only - Suitable for IC installation
- 9 W module only - Do not cover the module with insulation material
- Phase cut (ELV / Triac) dimming standard
- Estimated life of over 50 000 hours to L70
- Operating temperature: -20 °C to 45 °C (-4 °F to 113 °F)

• Compliances

- cETLus for dry locations
- Meets requirements of ICES-005 issue 5 class B for use in residential applications
- Airtight as per ASTM E283 standard

5¹
yrs
warranty

3²
yrs
warranty


**LED
fixture**


**dimmable
fixture**


**dry
location**


airtight


**IP
65**


**ICES
005**


**ETL
Intertek**

¹ Applicable on modules.

² Applicable on shower trim 64732 only.

OVERVIEW

Light source	LED
Watts (W)	6, 9
Lumen output (lm/ft)	750, 950
Efficacy (lm/W)	106, 125
Color temperature (K)	3 000
CRI	90+

QUICK SHIP TECHNICAL SPECIFICATION TABLE LED MODULES ⌚

Order code	Part number	Watts (W)	Volt (V AC)	Color temp. (K) ¹	Lumen (lm) ²	Efficacy (lm/W)	CRI	Life L70 (hrs) ³	Beam angle (°)	CBCP (cd)	Power factor	THD (%)	Traditionnal equivalent (W)	Case qty (master)
IC (can be used in insulated ceiling)														
64706	LUMEINA/MOD/IC/6W/30K/22/STD	6	120	3 000	750	125	90+	50 000	22	3 051	>0.9	<20	50	20
64707	LUMEINA/MOD/IC/6W/30K/36/STD	6	120	3 000	750	125	90+	50 000	36	1 763	>0.9	<20	50	20
64708	LUMEINA/MOD/IC/6W/30K/60/STD	6	120	3 000	750	125	90+	50 000	60	1 078	>0.9	<20	50	20
Non-IC (not for use in insulated ceiling)														
64709	LUMEINA/MOD/9W/30K/22/STD	9	120	3 000	950	106	90+	50 000	22	3 524	>0.9	<20	50	20
64710	LUMEINA/MOD/9W/30K/36/STD	9	120	3 000	950	106	90+	50 000	36	2 121	>0.9	<20	50	20
64711	LUMEINA/MOD/9W/30K/60/STD	9	120	3 000	950	106	90+	50 000	60	1 305	>0.9	<20	50	20

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.

LED DRIVERS (INCLUDED WITH LED MODULES)

Order code	System watts (W)	Max load (W)	Input volts (V AC)	Output volts (V DC)	Input current (mA)
Lumeina 6W	9	9	120	30-38	200
Lumeina 9W	12	12	120	30-38	260

QUICK SHIP TECHNICAL SPECIFICATION TABLE TRIMS ⌚

Order code	Part number	Type	Shape	Finish	Tilt (°)	Diameter		Cutting diameter		Compatible mounting plate	Compatible vapor barrier	Case qty (master)
						(in)	(mm)	(in)	(mm)			
IC (can be used in insulated ceiling)												
64731	LUMEINA/TRIM/GMB.REC/WH/STD	Gimbal	Round	White	30	3 17/32	90	3	77	66046	66142	50
64735	LUMEINA/TRIM/SQR_RND/GMB/WH/SM/STD	Gimbal	Square	White	70	4 7/16	113	3 1/8	80	66047, 66054	66143	50
64741	LUMEINA/TRIM/GMB.CURVED/WH/STD	Gimbal	Round	White	50	4 11/32	110	3 3/4	95	66050, 62771	66143	50
64742	LUMEINA/TRIM/SQR_RND/GMB/WH/LRG/STD	Gimbal	Square	White	50	4 7/16	113	3 3/4	95	66050, 62771	66143	50
64732 ¹	LUMEINA/TRIM/SWR/WH/STD	Shower	Round	White	-	3 17/32	90	3	77	66046	66142	50
64734	LUMEINA/TRIM/D.BAF/WH/STD	Deep baffle	Round	White	-	3 15/16	100	3 1/2	89	66048	66143	50
64736	LUMEINA/TRIM/SQR_RND/REC/WH/STD	Recessed	Square	White	-	3 5/32	80	2 3/4	70	66020, 66021, 66819	66142	50
64737	LUMEINA/TRIM/CURVED/WH/STD	Curved	Round	White	-	3 1/16	78	2 3/4	70	66020, 66021, 66819	66142	50
Non-IC Accessory (not for use in insulated ceiling)												
64743	LUMEINA/TRIMEXT/STD	Trim extension	Round	White	-	1 31/32	50	-	-	-	-	50

¹ Typical color temperature range: +/- 5 %.

Limited quantities available. Please reach out to our sales team or the factory for availability.



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.

QUICK SHIP TECHNICAL SPECIFICATION TABLE TRIMS WITH REFLECTOR

Order code	Part number	Type	Finish	Diameter		Cutting diameter		Compatible mounting plate	Compatible vapor barrier	Case qty (master)
				(in)	(mm)	(in)	(mm)			
Non-IC (not for use in insulated ceiling)										
64738	LUMEINA/TRIM/RFL_WH/STD	Reflector	White/Chrome	3 17/32	90	3	77	66046	66142	50
64739	LUMEINA/TRIM/RFL_SLV/STD	Reflector	Silver/Chrome	3 17/32	90	3	77	66046	66142	50



64738

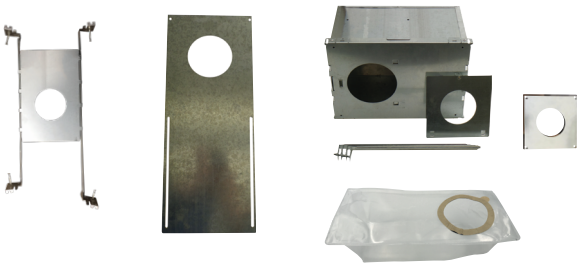


64739

ACCESSORIES (order separately)

Order code	Type	Opening diameter (in)	Case qty (master)
66020	Square mounting plate	2 3/4	96
66021	Adjustable mounting plate	2 3/4	24
66819	Mounting plate with hanger bars	2 3/4	25
66046	Square mounting plate	3	96
66142	Vapor barrier extender	3 5/8	50
66048	Square mounting plate	3 1/2	96
66047	Square mounting plate	3 1/4	96
66054	Adjustable mounting plate	3 1/4	24
66050	Square mounting plate	3 3/4	96
62771	Mounting plate with hanger bars	3 3/4	20
66143	Vapor barrier extender	4 1/4	50
62672	Insulated box with hanger bars	3 to 4 1/2	4

¹ Includes brackets and screws.



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.

COMPATIBLE DIMMERS

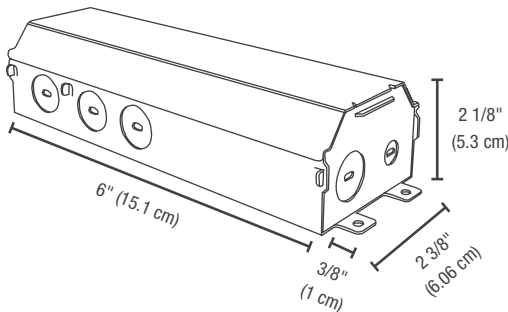
	Model	
Brand	6W IC	9W Non-IC
Legrand		HCL453P
Cooper	AAL06, SLC03P	9531AW, DAL06P, AAL06, SLC03P
Leviton	IPL06, 6674, DSL06-1LZ, IPE04-1LZ	6615, IPL06, 6674, DSL06-1LZ, DSM10-1LZ, IPE04-1LZ
Lutron	AYCL-253P, CTCL-153P, DVCL-153P, DVCL-253P, DVELV-300P, SELV-300P	CTCL-153P, AYCL-253P, DVELV-300P, SELV-300P, NTELV-600P

Dimming range 10%-100%

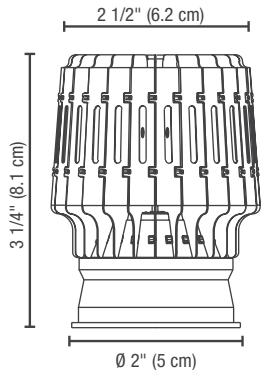
NOTE: The above table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Read and comply to the dimmer installation instructions. Consult dimming system manufacturer for additional support in operation. Standard recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation. Some dimmers may require more than one product for stable operation. The maximum number of products is determined by the dimmer wattage rating with LEDs. Be careful, these dimmers have different ratings depending on the product type. Again, refer to the dimmer installation instructions.

DIMENSIONS

LED DRIVER 6 W AND 9 W



LUMEINA™ MODULE 6 W AND 9 W

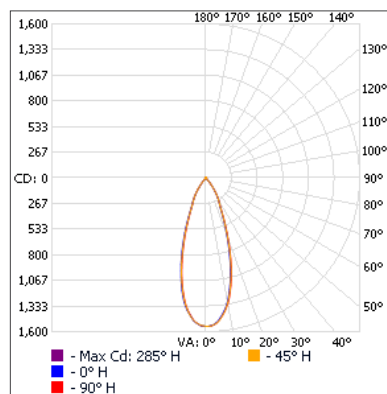


Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

PHOTOMETRIC DATA¹

64707 • LUMEINA/MOD/IC/6W/30K/36/STD • 701 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	590.9	84.3
0-40	681.0	97.2
0-60	697.0	99.4
60-90	3.9	0.6
0-90	701.0	100

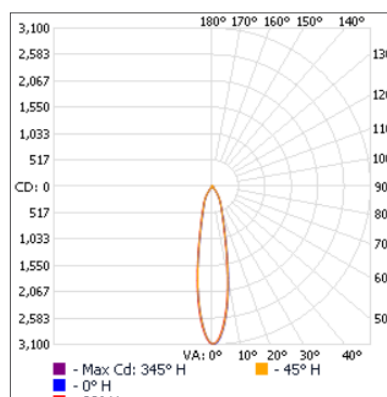
Illuminance at a distance

Center beam fc	Beam width
1.7'	534
3.3'	142
5.0'	61.7
6.7'	34.4
8.3'	22.4
10.0'	15.4

Vert. spread: 36.6°
Horiz. spread: 36.4°

64709 • LUMEINA/MOD/9W/30K/22/STD • 803.3 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	666.1	82.9
0-40	763.1	95
0-60	795.7	99
60-90	7.6	1
0-90	803.3	100

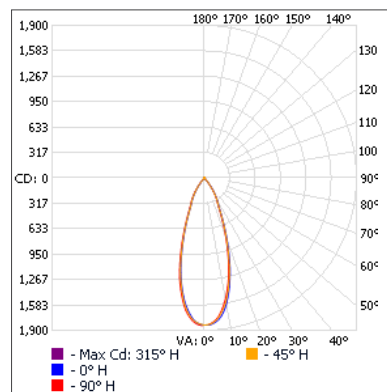
Illuminance at a distance

Center beam fc	Beam width
1.7'	1 068
3.3'	283
5.0'	123
6.7'	68.8
8.3'	44.8
10.0'	30.9

Vert. spread: 21.8°
Horiz. spread: 21.7°

64710 • LUMEINA/MOD/9W/30K/36/STD • 833.3 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	702.3	84.3
0-40	809.5	97.1
0-60	828.6	99.4
60-90	4.7	0.6
0-90	833.3	100

Illuminance at a distance

Center beam fc	Beam width
1.7'	634
3.3'	168
5.0'	73.3
6.7'	40.8
8.3'	26.6
10.0'	18.3

Vert. spread: 36.5°
Horiz. spread: 36.5°

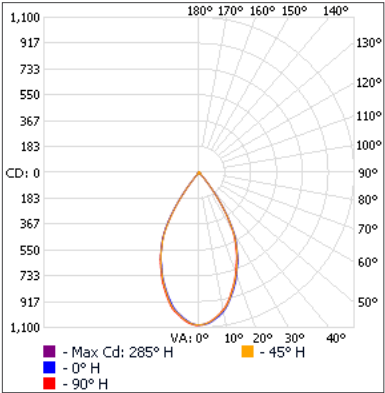
¹ Complete IES files available on our website.

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.

PHOTOMETRIC DATA¹

64711 • LUMEINA/MOD/9W/30K/60/STD • 830.2 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	636.5	76.7
0-40	803.8	96.8
0-60	825.6	99.4
60-90	4.7	0.6
0-90	830.2	100

Illuminance at a distance

Center beam fc		Beam width	
1.7'	374	1.8'	1.8'
3.3'	99.3	3.6'	3.5'
5.0'	43.3	5.4'	5.4'
6.7'	24.1	7.3'	7.2'
8.3'	15.7	9.0'	8.9'
10.0'	10.8	10.8'	10.7'

■ Vert. spread: 56.9°
■ Horiz. spread: 56.4°

¹ Complete IES files available on our website.

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.