

## Individual Spec Sheet

# LUMEINA

## SMALL ARCHITECTURAL LED DOWNLIGHT

### ORDERING INFORMATION

**Order code:** 66958  
**Model number:** LUMEINA/MOD/IC/6W/40K/36/STD  
**UPC:** 069549669581  
**Case quantity:** 20

### PHYSICAL DATA

**Size in (cm):** 2 1/2" x 3 1/4" (6.2 cm x 8.1 cm)  
**Shape:** Round  
**Finish:** Aluminum  
**Lens type:** Clear glass  
**Mounting:** Recessed

### PERFORMANCE DATA

**Watts (W):** 6  
**Volts (V AC):** 120  
**Color temperature (K)<sup>1</sup>:** 4 000  
**Lumen output (lm)<sup>2</sup>:** 750  
**Lumen per Watts (lm/W):** 125  
**CRI:** 91  
**Life L70 (h)<sup>3</sup>:** 50 000  
**Beam angle (°):** 36  
**Environment:** Dry location  
**THD (%):** <20  
**Power factor:** >0.97  
**Dimmable:** Yes  
**Operating temp. range:** - 20 °C to 40 °C (- 4 °F to 104 °F)

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

<sup>2</sup> Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

<sup>3</sup> Life hours are derived from IESNA LM80-08 testing report and projected per IESNA TM-21-11 extrapolations.

### ACCESSORIES (order separately)

Order code	Model number	Type	Opening diameter (in)	Case qty (master)
66020	ACC/MPLATE/2.75IN/SQR/STD	Square mounting plate	2 3/4	96
66021	ACC/MPLATE/2.75IN/ADJ/STD	Adjustable mounting plate	2 3/4	24
66819 <sup>1</sup>	ACC/MPLATE/2.75IN/HANG.BARS/STD	Mounting plate with hanger bars	2 3/4	25
66046	ACC/MPLATE/3IN/SQR/STD	Square mounting plate	3	96
66142	ACC/3/VAPOR BARRIER/STD	Vapor barrier extender	3 5/8	50
66048	ACC/MPLATE/3.25IN/SQR/STD	Square mounting plate	3 1/2	96
66047	ACC/MPLATE/3.5IN/SQR/STD	Square mounting plate	3 1/4	96
66054	ACC/MPLATE/3.25IN/ADJ/STD	Adjustable mounting plate	3 1/4	24
62673 <sup>1</sup>	ACC/MPLATE/3.25IN/HANG.BARS/STD	Mounting plate with hanger bars	3 1/4	20
66050	ACC/MPLATE/3.75IN/SQR/STD	Square mounting plate	3 3/4	96
62771 <sup>1</sup>	ACC/MPLATE/3.75IN/HANG.BARS/STD	Mounting plate with hanger bars	3 3/4	20
66143	ACC/4/VAPOR BARRIER/STD	Vapor barrier extender	4 1/4	50
62672	ACC/INSULATED BOX/3_4.5/STD	Insulated box with hanger bars	3 to 4 1/2	4

<sup>1</sup> Includes brackets and screws.

This lighting equipment complies with Canadian standard ICES-005 for use in residential applications. Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.





**5 yrs**  
warranty



LED  
fixture



dimmable  
fixture



dry  
location



IC  
rated



ICES  
005



**COMPATIBLE TRIMS (order separately)**

Order code	Model number	Type	Shape	Finish	Diameter		Cutting diameter		Case qty (master)
					in	(mm)	in	(mm)	
<b>IC (can be used in insulated ceiling)</b>									
64731	LUMEINA/TRIM/GMB.REC/WH/STD	Gimbal	Round	White	3 1/2	(90)	3	(77)	50
64735	LUMEINA/TRIM/SQR_RND/GMB/WH/SM/STD	Gimbal	Square	White	4 1/2	(113)	3 1/8	(80)	50
64741	LUMEINA/TRIM/GMB.CURVED/WH/STD	Gimbal	Round	White	4 3/8	(110)	3 3/4	(95)	50
64742	LUMEINA/TRIM/SQR_RND/GMB/WH/LRG/STD	Gimbal	Square	White	4 1/2	(113)	3 3/4	(95)	50
64732	LUMEINA/TRIM/SWR/WH/STD	Shower	Round	White	3 1/2	(90)	3	(77)	50
64734	LUMEINA/TRIM/D.BAF/WH/STD	Deep baffle	Round	White	4	(100)	3 1/2	(89)	50
64736	LUMEINA/TRIM/SQR_RND/REC/WH/STD	Recessed	Square	White	3 1/8	(80)	2 3/4	(70)	50
64737	LUMEINA/TRIM/CURVED/WH/STD	Curved	Round	White	3 1/8	(78)	2 3/4	(70)	50

**Non-IC Accessory (not for use in insulated ceiling)**

64743	LUMEINA/TRIMEXT/STD	Trim extension	Round	White	2	(50)	-	-	50
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**COMPATIBLE TRIMS WITH REFLECTOR (order separately)**

Order code	Model number	Type	Shape	Finish	Diameter		Cutting diameter		Case qty (master)
					in	(mm)	in	(mm)	
64738	LUMEINA/TRIM/RFL_WH/STD	Reflector	Round	White/Chrome	3 1/2	(90)	3	(77)	50
64739	LUMEINA/TRIM/RFL_SLV/STD	Reflector	Round	Silver/Chrome	3 1/2	(90)	3	(77)	50
64740	LUMEINA/TRIM/RFL_BLK/STD	Reflector	Round	Black/Chrome	3 1/2	(90)	3	(77)	50

**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

**LUMEN SPECIFICATION TABLE**

Order code	Model number	Watts (W)	4 000 K	
			Lumen output (lm)	Efficacy (lm/W)
66958	LUMEINA/MOD/IC/6W/40K/36/STD	6	804.1	134

**COMPATIBLE DIMMERS<sup>1</sup>**

Brand	Model number
Cooper	AAL06, SAL06P3
Leviton	IPL06, 6674, DSL06-1LZ, IPE04-1LZ
Lutron	AYCL-253P, CTCL-153P, DVCL-153P, DVCL-253P, DVELV-300P, SELV-300P

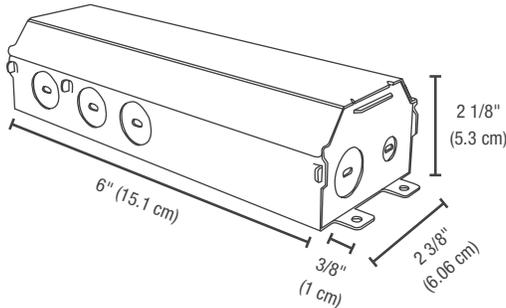
**Dimming range: 10%-100%**

<sup>1</sup> 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.

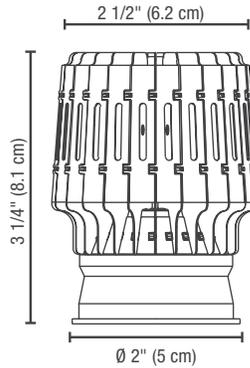
This lighting equipment complies with Canadian standard ICES-005 for use in residential applications. Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

## DIMENSIONS AND WEIGHT

### LED DRIVER 6 W



### LUMEINA™ MODULE 6 W

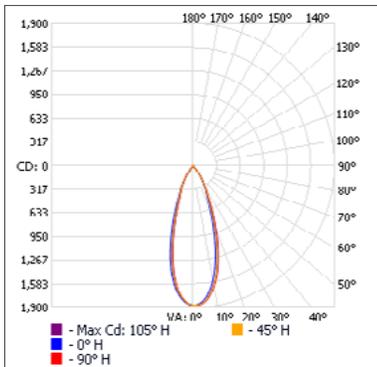


Net weight (lbs)	1.13
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## PHOTOMETRIC DATA<sup>1</sup>

66958 • LUMEINA/MOD/IC/6W/40K/36/STD • 804.1 lm

### Polar candela distribution



### Zonal lumen summary

Zone	Lumens	% Fixture
0-30	695.7	86.5
0-40	786.8	97.8
0-60	800.2	99.5
60-90	3.8	0.5
0-90	804.1	100

### Illuminance at a distance

Center beam fc	Beam width	
	1.1'	1.1'
1.7'	645	1.1'
3.3'	171	2.1'
5.0'	74.6	3.2'
6.7'	41.5	4.3'
8.3'	27.1	5.3'
10.0'	18.6	6.4'

■ Vert. spread: 35.7°  
■ Horiz. spread: 35.8°

<sup>1</sup> Complete IES files available on our website.

Qty	Description	Price

I accept the specifications of the luminaire configuration mentioned above.

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

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