

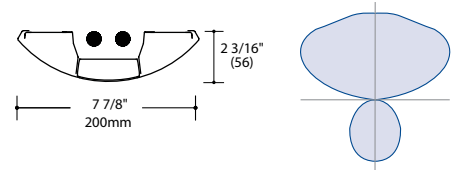
Arcos M5 Pendant Indirect/Direct

Fixture Type:

Project Name:

Ordering Guide

Feature	Code	Options	Description
Series		59M	Arcos T5
Mounting		P	Pendant
Fixture distribution		ID	Indirect/Direct
Row length (in feet)		----	Enter in foot increments. Note fixture lengths below.
Max length in row		04 08	4', 1219mm 8', 2438mm
Downlight diffuser		PS PW PSO PWO SGL	Parabolic Baffle, Semi-Specular Aluminum Parabolic Baffle, White Parabolic Baffle, Semi-Specular w/Overlay Parabolic Baffle, White w/Overlay Soft Glow Lens
Finish/Color		C1 C2 C3 C4 C5 C6 CC	CWM-Matte White TCWM-Textured, Matte White CSL-Light Silver CMA-Machined Aluminum CCB-Carbon Black TCBC-Textured, Camera Black CXY-Custom Color
Lamping		1T5 1T5HO 2T5 2T5HO	1-Light T5 Lamping 1-Light T5HO Lamping 2-Light T5 Lamping 2-Light T5HO Lamping
Ballast (non-dimming T5/HO)		NPN	Electronic, program-start
Ballast (non-dimming T8)		NIN NPN NIL NPL NIH NPH	Electronic Electronic, program-start Electronic, low-wattage Electronic, low-wattage, program-start Electronic, high light output Electronic, high light output, program-start
Ballast (dimming)		010V LVD DALI LLS	0-10V Dimming Line Voltage Dimming Dali System Light Level Switching 50/100 See <i>Ballast</i> section for additional dimming ballast options
Circuiting		1C 2C AC AF	1 Circuit 2 Circuit-In Board/ Out Board Alternate Lamp Compartment Switch Alternate Fixture Switching
Voltage		UNV 120 277 347	Universal Voltage 120 Volt 277 Volt 347 Volt
Suspension kit		FA1 FA2 FA3 FA4	Suspension Kit, 51" Suspension Kit, 87" Suspension Kit, 219" Suspension Kit, 363" *Add suffix /V to replace all 2" non-feed canopy covers with 5" canopy covers. FA1/V = 51" suspension kit w/5" canopies.



Key Features

- Small-scale T5-specific design

CS™ Control Solutions available

Quick Find litecontrol.com

59M-P

Arcos M5 Pendant Indirect/Direct

Ordering Guide (continued)

Optional Features	Code	Options	Description
End cap-shelf style		ECSS	End Cap, Shelf Style
Nightlight		_NL	Nightlight Circuit Required. Enter quantity. 2NL = 2 nightlight circuits/row
Emergency		_EF	Emergency Battery Required. Enter quantity. 2EF = 2 emergency batteries/row
Thru-wiring		W1 W2 W3 W4	No Thru Wire Provide Normal and Emergency Thru Wiring* Provide Normal Thru Wiring Only Provide Emergency Thru Wiring Only *Only applicable when specified with emergency
Sensors		_SD1	Daylight Sensor Required. Enter quantity. 2SD1 = 2 daylight sensors/row
Data connection		_DCF	Data connection cables required. Enter quantity. 2DCF = 2 cables/row
Dust cover		L1	Lens Kit, Dust Cover
Fuse		F	Fuse

Arcos M5 Pendant Indirect/Direct

Details

Construction:

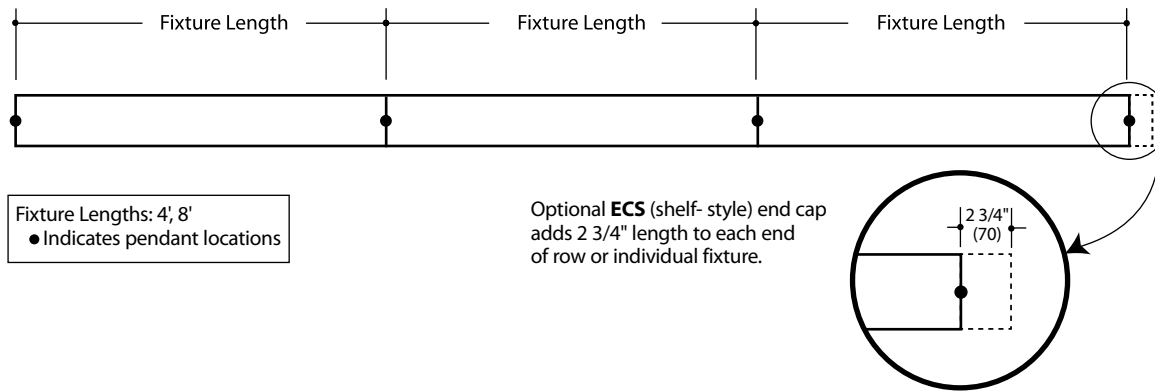
Housing-steel.
End caps-flat. Steel. Standard.
End caps-shelf-style (ECS). Die-cast aluminum. Optional.

Mounting:

Fixture end headers are threaded in one location to allow easy row joining without reflector removal. Mounting points are at 48" and 96".

Planning for installation

Row diagram



Distribution:

70/30 (nominal) indirect/direct.

Downlight diffuser:

PS-Parabolic Baffle, Semi-Specular Aluminum, Radiused
PW-Parabolic Baffle, White, Radiused
PSO-Parabolic Baffle, Semi-Specular w/Overlay, Radiused
PWO-Parabolic Baffle, White w/Overlay, Radiused
SGL-Soft diffuse acrylic lens, matched fixture countour

Finish/Color:

Visit www.litecontrol.com/finishes for details.

Lamping:

Available in one or two-lamp T5/T5HO cross-sections. Lamps are accessed/removed from above without removal of diffuser.

Cross-section lamping



Ballast:

Low-profile Ballast (ELB/PS), electronic, high power factor, thermally protected Class P, Sound Rated A, less than 10% THD, manufactured by a UL Listed manufacturer, as available, determined by Litecontrol. Ballasts with a voltage range of 120 to 277 will be used when fixture configuration and ballast availability allow. The minimum number of ballasts will be used.

Additional Dimming Ballast Options:

LE30	Lutron EcoSystem-3 Wire	(Normal Ballast Factor)
LEH0	Lutron EcoSystem-H Series	(Normal Ballast Factor)
LEH7	Lutron EcoSystem-H Series	(High Ballast Factor)
LEI0	Lutron EcoSystem-Intelligent	(Normal Ballast Factor)
LH3D	Lutron HiLume 3D-3 Wire	(Normal Ballast Factor)
LH37	Lutron HiLume 3D-3 Wire	(High Ballast Factor)
LHHL	Lutron HiLume-Traditional	(Normal Ballast Factor)
LHID	Lutron HiLume-3D Intelligent	(Normal Ballast Factor)
LHI7	Lutron HiLume-3D Intelligent	(High Ballast Factor)

Circuiting:

1C (1 Circuit) Fixture wired for a single circuit.
2C (2 Circuit) Inline lamps are switched separately.
AC (alternate lamp compartment switching) Fixtures wired so every other lamp section can be separately switched/dimmed
AF (alternate fixture switching) Fixtures wired so every other fixture segment can be separately switched/dimmed

Arcos M5 Pendant Indirect/Direct

Details (continued)

Suspension Kit:

3/64" diameter field-adjustable aircraft cable. Ship separately. Suspension required at every row joint. Low profile yoke style limits visibility while providing maximum horizontal balance adjustment. Mounting points are exactly 36", 48", 72" & 96" (3', 4', 6', 8' fixture lengths respectively)

Nightlight:

See separate LC-Nightlight spec sheet for additional details.

Emergency:

Battery-powered ballast from a listed manufacturer will operate one lamp for 90 minutes.

Thru wiring:

See separate LC-Thruwire spec sheet for additional details.

Sensors:

Daylight sensor only (Wattstopper part# FD301). Installs between diffusers. See separate LC-Controls spec sheet for additional details.

Data Connection:

Lutron EcoSystem data feed.

Fuse:

Slow or fast blow; determined by Litecontrol.

Canopy covers:

Non-feed-2" diameter (unless 5" non-feed cover is specified). Feed-5" diameter.

Feed cord:

3-wire, 5 amps max; 4-wire, 7 amps max; 5-wire, 5 amps max.

Ratings:

UL listed for damp locations. IBEW. AF of L.

Warranty:

1 year

See www.litecontrol.com for details

Arcos M5 Pendant Indirect/Direct

Photometry

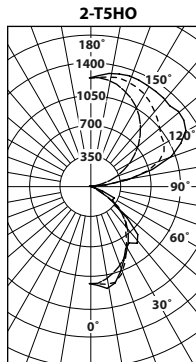
Fixture: 59M-P-ID-04-BW-CX-2T5

Lamping: 2-T5

Efficiency: 84%

Distribution: 68/32

Test report: 68026340



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
180-90°	5145.76	57.2	68.3
90-0°	2392.57	26.6	31.7
180-0°	7538.33	83.8	100

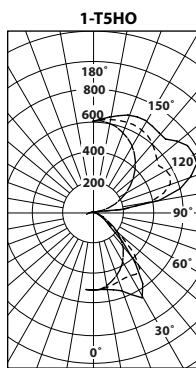
Fixture: 59M-P-ID-04-BW-CX-1T5

Lamping: 1-T5

Efficiency: 91%

Distribution: 71/29

Test report: 68116602



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
180-90°	2913.18	64.7	71.4
90-0°	1169.75	26	28.6
180-0°	4082.93	90.7	100

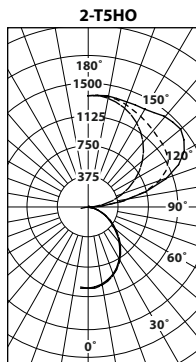
Fixture: 59M-P-ID-04-SGL-CX-2T5HO

Lamping: 2-T5HO

Efficiency: 89%

Distribution: 70/30

Test report: 68126602



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
180-90°	5673.61	63	70.5
90-0°	2373.91	26.4	29.5
180-0°	8047.52	89.4	100

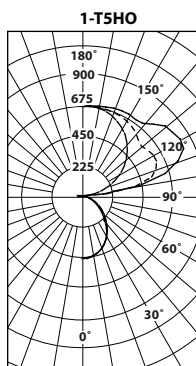
Fixture: 59M-P-ID-04-SGL-CX-1T5

Lamping: 1-T5HO

Efficiency: 94%

Distribution: 75/25

Test report: 68116342



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
180-90°	3159.7	70.2	74.8
90-0°	1065.94	23.7	25.2
180-0°	4225.64	93.9	100