



MODULAR
LIGHTING
INSTRUMENTS
— by MLI NA Corporation

Project

Type

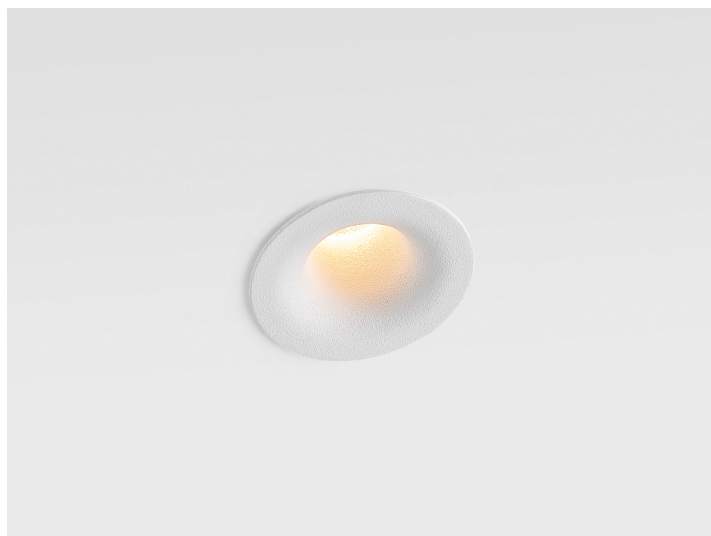
Contact

Smart Cake Recessed 1.9

Overview

Smooth, seductive lines curving inward, inviting you to look deeper inside Smart Cake Recessed bring you to a beautiful light source. One of the three Smart designs, Smart Cake Recessed is a popular spot for making an organic expression. In black and white structure and several brushed finishes.

With an outer diameter of 1.9" and an aperture of 1.9 inches, the Smart Cake 1.9 is compact yet powerful. From concrete ceilings to millwork, Smart 1.9 has many mounting options to fit your application.



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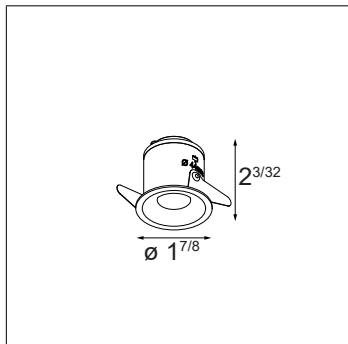
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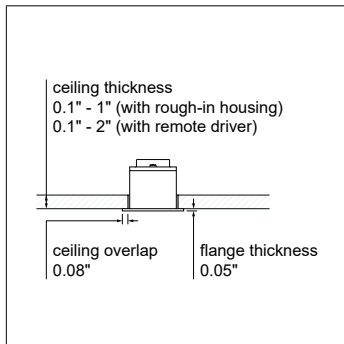
Smart Cake Recessed 1.9

Lamp Specifications

- Aperture: 1.9"
- Trim material: cast aluminum
- Trim finish: powder coat or wet paint
- Must be combined with Driver Included Housing, Connection Box for Remote Driver or Housing for Remote Driver
- Can optionally be combined with Mask

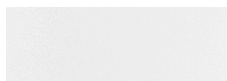
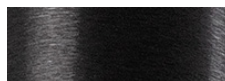


Smart Cake 1.9



Flange Information

Finish Information

Black Structure (BLS)
Powder Coat (Matte)White Structure (WHS)
Powder Coat (Matte)Black (BLBR)
Wet Paint (Brushed)Bronze (BRBR)
Wet Paint (Brushed)Champagne (CHBR)
Wet Paint (Brushed)Silver Bronze (SBBR)
Wet Paint (Brushed)

Ordering Information

SMART-C-R-1.9-1X		-	MG		-		-		-	DE		-		
SMART-C-R-1.9-1X		Smart Cake 1.9	MG		Microprismatic Glass	27	2700K	M	Medium (30°)	DP	Damp Location (indoor use only)		BLS	Black Structure
						30	3000K	WD versions		WT	Wet Location (indoor use only)		WHS	White Structure
						35	3500K						BLBR	Black Brushed
						WD	Warm Dim 3000K - 1800K	F	Flood (37°)				BRBR	Bronze Brushed
													CHBR	Champagne Brushed
													SBBR	Silver Bronze Brushed

Smart Cake Recessed 1.9

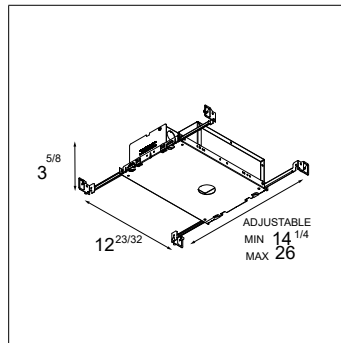
Driver Included Housing Options

IC-UAT Housing

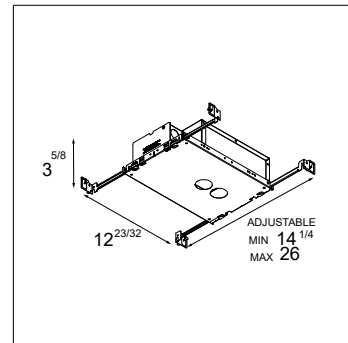
- Material: sheet metal (galvanized steel)
- Driver: included in the housing
- Suitable for 1 lamp unit (1X versions) or 2 lamp units (2X versions)
- IC (insulation contact) rated
- CCEA Chicago Plenum rated & Airtight per ASTM-E283-04
- Access above ceiling is required to service the driver
- Not compatible with warm dim lamp units (WD versions)

Non-IC Housing

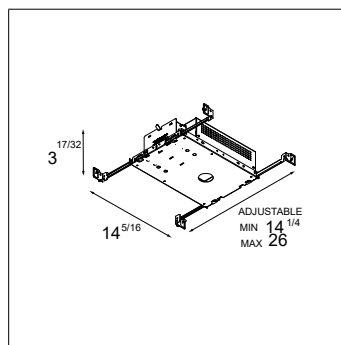
- Material: sheet metal (galvanized steel)
- Driver: included in the housing
- Suitable for 1 lamp unit (1X versions) or 2 lamp units (2X versions)
- For Non-IC (non insulation contact) applications only
- Access above ceiling is required to service the driver
- Not compatible with warm dim lamp units (WD versions)



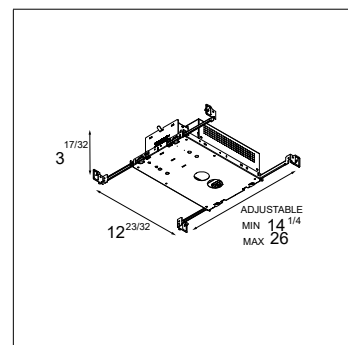
IC-UAT Housing 1X



IC-UAT Housing 2X



Non-IC Housing 1X



Non-IC Housing 2X

Driver Included Housing Specifications & Ordering Information

Ordering Code	Version	Input	Output	Dim ⁽²⁾	Lamp Type	Connected Load
IC-UAT-SMART-1.9-1X-010P-500	IC-UAT Housing 1X	120-277VAC ⁽¹⁾	500mA DC	0-10V, ELV & Triac - 1%	Fixed CCT	6.0W
IC-UAT-SMART-1.9-2X-010P-350	IC-UAT Housing 2X	120-277VAC ⁽¹⁾	350mA DC	0-10V, ELV & Triac - 1%	Fixed CCT	7.5W
IC-UAT-SMART-1.9-2X-010P-500	IC-UAT Housing 2X	120-277VAC ⁽¹⁾	500mA DC	0-10V, ELV & Triac - 1%	Fixed CCT	10.1W
NON-IC-SMART-1.9-1X-010P-500	Non-IC Housing 1X	120-277VAC ⁽¹⁾	500mA DC	0-10V, ELV & Triac - 1%	Fixed CCT	6.0W
NON-IC-SMART-1.9-2X-010P-350	Non-IC Housing 2X	120-277VAC ⁽¹⁾	350mA DC	0-10V, ELV & Triac - 1%	Fixed CCT	7.5W
NON-IC-SMART-1.9-2X-010P-500	Non-IC Housing 2X	120-277VAC ⁽¹⁾	500mA DC	0-10V, ELV & Triac - 1%	Fixed CCT	10.1W

⁽¹⁾ Dimming via ELV & Triac only compatible at 120VAC input

⁽²⁾ Consult the factory for dimmer compatibility

Smart Cake Recessed 1.9

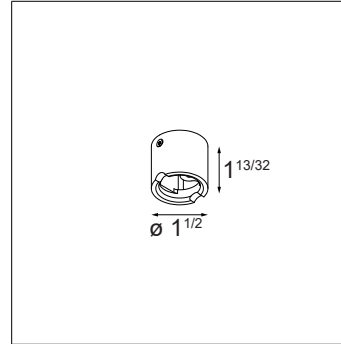
Housing Options for Remote Driver

Connection Box for Remote Driver

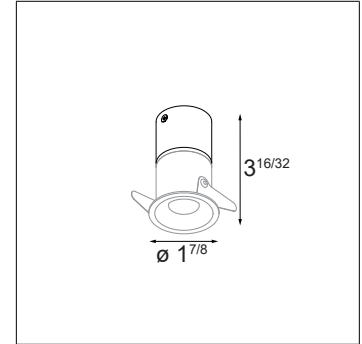
- Material: aluminum
- Driver: not included in the connection box
- Each lamp unit needs its connection box
- IC (insulation contact) rated
- Hole for low-voltage cable connection
- Weight: 0.12lbs
- Must be combined with Remote Driver (specify on page 5)

IC-UAT Housing for Remote Driver

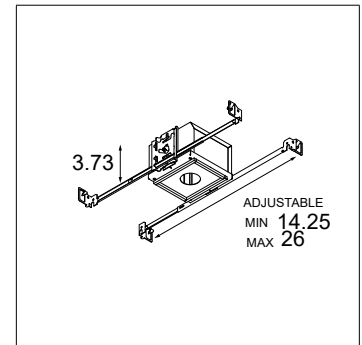
- Material: sheet metal (galvanized steel)
- Driver: not included in the housing
- Each lamp unit needs its own housing
- IC (insulation contact) rated
- CCEA Chicago Plenum rated & Airtight per ASTM-E283-04
- 2 knockout holes for low-voltage conduit or cable connection
- Bar hangers adjustable in height by 1.5" for different mounting heights
- Must be combined with Remote Driver (specify on page 5)



Connection Box for Remote Driver



Smart Cake 1.9 with Connection Box



IC-UAT Housing For Remote Driver

Housing Specifications & Ordering Information

Ordering Code	Version	Compatible Drive Current ⁽³⁾	Compatible Lamp Type
IC-UAT-SMART-1.9-1X-RD-500	IC-UAT Housing for Remote Driver	350mA DC & 500mA DC	Fixed CCT
IC-UAT-SMART-1.9-1X-RD-250	IC-UAT Housing for Remote Driver	250mA DC	Warm Dim
CB-SMART-1.9-RD-500	Connection Box for Remote Driver	500mA DC ⁽⁴⁾	Fixed CCT
CB-SMART-1.9-RD-350	Connection Box for Remote Driver	350mA DC	Fixed CCT
CB-SMART-1.9-RD-250	Connection Box for Remote Driver	250mA DC	Warm Dim

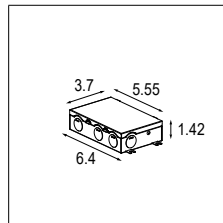
⁽³⁾ Housing compatible drive current must match Remote Driver output

⁽⁴⁾ Connection Box 500mA version not for use in dwellings

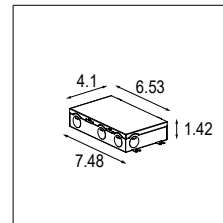
Smart Cake Recessed 1.9

Remote Driver Options

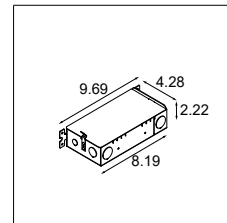
- Material: sheet metal (galvanized steel)
- Class 2 constant current power supply
- Multiple luminaires can be connected in series to a single driver
- Remote Driver "A" and "B" can be bottom mounted
- Remote Driver "C" can be bottom, side or t-bar mounted
- Several knockout holes for line voltage conduit or cable connection
- Several knockout holes for low-voltage conduit or cable connection
- May be placed up to 50ft away using 16AWG wire
- Suitable for damp locations



Remote Driver "A"



Remote Driver "B"



Remote Driver "C"

Remote Driver Specifications & Ordering Information

Ordering Code	Version	Input	Output	Dim ⁽²⁾	Driver Location					Luminaires ⁽⁶⁾	
					Recessed IC	Recessed Non-IC	Surface	Cabinet	Under Cabinet	Fixed CCT	Warm Dim
RD-DP-D01-250-700-20	Remote Driver "A"	100-277VAC	250mA ⁽⁵⁾	DALI-2 - 0.1%							1 - 2
			350mA ⁽⁵⁾							1 - 4	
			500mA ⁽⁵⁾							1 - 4	
RD-DP-D01-300-1400-40	Remote Driver "B"	100-277VAC	350mA ⁽⁵⁾	DALI-2 - 0.1%						1 - 5	
			500mA ⁽⁵⁾							1 - 5	
RD-DP-010P-250-700-20	Remote Driver "A"	100-277VAC	250mA ⁽⁵⁾	0-10V, ELV & Triac - 1%							1 - 2
			350mA ⁽⁵⁾							1 - 4	
			500mA ⁽⁵⁾							1 - 4	
RD-DP-010P-300-1400-40	Remote Driver "B"	100-277VAC	350mA ⁽⁵⁾	0-10V, ELV & Triac - 1%						1 - 5	
			500mA ⁽⁵⁾							1 - 5	
IC-RD-DP-D-ELDO-1-250-10	Remote Driver "C"	120-277VAC	250mA	DALI-2 - 1%	☑		☑	☑	☑		1 - 2
IC-RD-DP-0101-EL-250-10	Remote Driver "C"	120-277VAC	250mA	0-10V - 1%	☑		☑	☑	☑		1 - 2
IC-RD-DP-D-ELDO-1-350-10	Remote Driver "C"	120-277VAC	350mA	DALI-2 - 1%	☑		☑	☑	☑	1 - 3	
IC-RD-DP-D-ELDO-1-350-20	Remote Driver "C"	120-277VAC	350mA	DALI-2 - 1%	☑		☑	☑	☑	1 - 5	
IC-RD-DP-0101-EL-350-10	Remote Driver "C"	120-277VAC	350mA	0-10V - 1%	☑		☑	☑	☑	1 - 3	
IC-RD-DP-0101-EL-350-20	Remote Driver "C"	120-277VAC	350mA	0-10V - 1%	☑		☑	☑	☑	1 - 5	
IC-RD-DP-D-ELDO-1-500-10	Remote Driver "C"	120-277VAC	500mA	DALI-2 - 1%	☑		☑	☑	☑	1 - 2	
IC-RD-DP-D-ELDO-1-500-20	Remote Driver "C"	120-277VAC	500mA	DALI-2 - 1%	☑		☑	☑	☑	1 - 4	
IC-RD-DP-D-ELDO-1-500-30	Remote Driver "C"	120-277VAC	500mA	DALI-2 - 1%	☑		☑	☑	☑	1 - 5	
IC-RD-DP-0101-EL-500-10	Remote Driver "C"	120-277VAC	500mA	0-10V - 1%	☑		☑	☑	☑	1 - 2	
IC-RD-DP-0101-EL-500-20	Remote Driver "C"	120-277VAC	500mA	0-10V - 1%	☑		☑	☑	☑	1 - 4	
IC-RD-DP-0101-EL-500-30	Remote Driver "C"	120-277VAC	500mA	0-10V - 1%	☑		☑	☑	☑	1 - 5	
IC-RD-DP-TE1-500-12	Remote Driver "C"	120VAC	500mA	ELV & Triac - 1%	☑		☑	☑	☑	2	
IC-RD-DP-TE1-500-20	Remote Driver "C"	120VAC	500mA	ELV & Triac - 1%	☑		☑	☑	☑	4	

⁽²⁾ Consult the factory for dimmer compatibility

⁽⁵⁾ Driver with adjustable output current, output current must be set using DIP switches

⁽⁶⁾ Minimum & maximum amount of compatible luminaires, multiple luminaires must be connected in series to a single driver

[quick links](#)

Smart Cake Recessed 1.9

Accessories Specifications

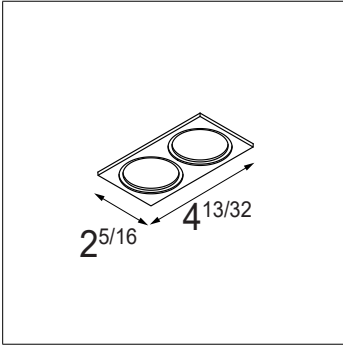
- Accessories are optional
- Available for 1 lamp unit (1X versions) or 2 lamp units (2X versions)
- Mask material: cast aluminum
- Mask finish: powder coat
- Mask thickness: 0.2"
- Weight: 0.06lbs (1X version), 0.08lbs (2X version)



Mask 1.9 1X



Smart Cake 1.9 with Mask 1.9 1X



Mask 1.9 2X

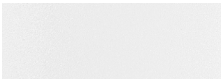


Mask 1.9 2X

Finish Information



Black Structure (BLS)
Powder Coat (Matte)



White Structure (WHS)
Powder Coat (Matte)

Ordering Information

SMART-M-1.9

-

-

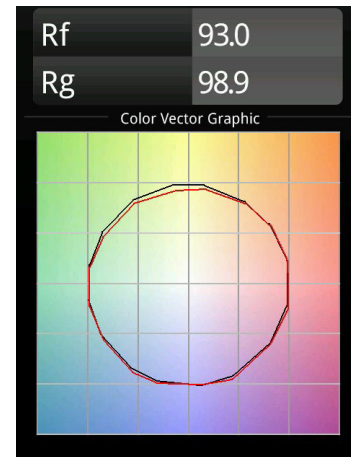
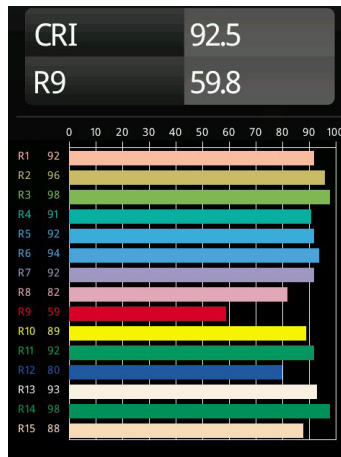
SMART-M-1.9 Mask 1.9	1X	For 1 lamp unit	BLS	Black Structure
	2X	For 2 lamp units	WHS	White Structure

Smart Cake Recessed 1.9

Performance Specifications (per lamp unit)

Lamp Unit	Fixed CCT		Warm Dim
Weight	0.25lbs		0.25lbs
Cut-Out Size	Ø1.75"		Ø1.75"
Location	damp or wet (indoor use)		damp or wet (indoor use)
IP Rating	IP20 (damp) or IP55 (wet)		IP20 (damp) or IP55 (wet)
CRI*	92, R9: 60		97, R9: 95
Lifetime	L80 B20 @ 50.000 hrs		L80 B20 @ 50.000 hrs
UGR	see website		see website
Electrical (typical)	Fixed CCT		Warm Dim
Drive Current (mA DC)	350	500	250
Forward Voltage (V)	8.5	8.8	17.0
LED Power (W)	3.0	4.4	4.3

* CRI & TM-30 Value for 3000K



For photometric files see website or contact factory.

Output Specifications (per lamp unit)

Reference Delivered Lumens	CCT	Optics	Drive Current	Finish
216 (ref. 3000K, MG M, 500mA, WHS)	2700K (0.87) 3000K (1.00) 3500K (0.92)	MG M (1.00)	350mA (0.74) 500mA (1.00)	BLS (0.90) WHS (1.00) BLBR (0.97) BRBR (0.99) CHBR (1.07) SBBR (1.09)
118 (ref. 3000K-1800K, MG F, WHS)	3000K - 1800K (1.00)	MG F (1.00)	250mA (1.00)	BLS (0.81) WHS (1.00) BLBR (0.80) BRBR (0.82) CHBR (0.94) SBBR (0.97)

Multipliers are indicated between brackets: ()

Example calculation, to determine typical output for 2700K, Microprismatic Glass, Medium, 350mA Black Structure: $216 \times (0.87) \times (1.00) \times (0.74) \times (0.90) = 125$ lumens

Listings and Certifications

- Listed: cULus
- Damp or wet locations (indoor use only)
- CCEA Chicago Plenum (when used with IC-UAT Housing)
- Airtight per ASTM-E283-04 (when used with IC-UAT Housing)



Warranty

- Visit <https://www.supermodular.com/en-us/warranty/>

quick links