MODULAR
LIGHTING
INSTRUMENTS
— *by MLI NA Corporation*

Project

Type

Contact

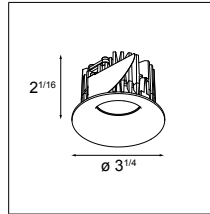*Smart Cake Box Surface 3.2*

Overview

Smart Cake is part of the Smart family. This family's styling is based on our most popular iconic designs. Its gently sloping sides ensure a soft distribution of light.

With an outer diameter of 3.2" and an aperture of 3.2 inches (fix version) or 2.3 inches (adjustable version), the Smart Cake 3.2 is compact yet powerful. Combined with a surface box that is offered in 1X and 2X, and multiple finishes, the beautiful combinations are yours to discover.
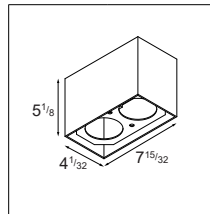
How to Specify (example)

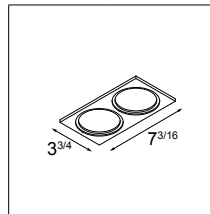### 1. Select Lamp Unit → Page 2

2¹/₁₆

ø 3¹/₄

Example: **SMART-C-R-3.2-1X-MG-30F-DP-DE-WHS**
Smart Cake 3.2, fix version, microprismatic glass, 3000K, flood, damp rated, white structure

2. Select Box → Page 3

5¹/₈

4¹/₃₂   7¹⁵/₃₂

Example: **SMARX-S-3.2-2X-010P-DI-500-WHS**
Box Surface 3.2, 2 lamp version, 0-10V, ELV & Triac driver included, 500mA, white structure

3. Select Mask → Page 4

3³/₄   7³/₁₆

Example: **SMART-M-3.2-2X-WHS**
Mask 3.2, 2 lamp version, white structure

Example order:

Quantity	Item
2	**SMART-C-R-3.2-1X-MG-30F-DP-DE-WHS**
1	**SMARX-S-3.2-2X-010P-DI-500-WHS**
1	**SMART-M-3.2-2X-WHS**

MODULAR
LIGHTING
INSTRUMENTS
— *by MLI NA Corporation*
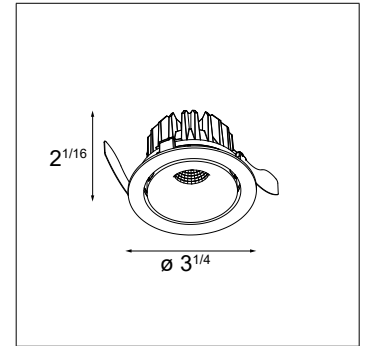
Lamp Specifications

- Aperture: 3.2" (fix version), 2.3" (adjustable version)
- Adjustability: 0-25° (adjustable version only)
- Trim material: cast aluminum
- Trim finish: powder coat or wet paint
- Must be combined with Box and Mask
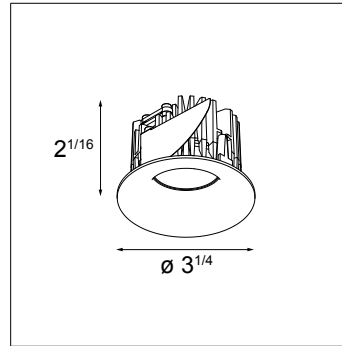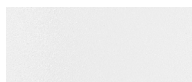

Smart Cake 3.2 (fix version)

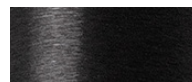Smart Cake Adjustable 3.2 (adjustable version)

Finish Information

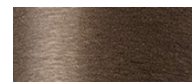|						
Black Structure (BLS) Powder Coat (Matte)	White Structure (WHS) Powder Coat (Matte)	Gold (GOMT) Wet Paint (Matte)	Black (BLBR) Wet Paint (Brushed)	Bronze (BRBR) Wet Paint (Brushed)	Champagne (CHBR) Wet Paint (Brushed)	Silver Bronze (SBBR) Wet Paint (Brushed)

Ordering Information

SMART-C-R-3.2-1X	-		-			-	DP	-	DE	-		

SMART-C-R-3.2-1X	Smart Cake 3.2 (fix version)	MG	Microprismatic Glass	27	2700K	F	Flood (39°) [2]	DP	Damp Location		BLS	Black Structure
		FG	Frosted Glass [1]	30	3000K	M	Medium (22°)				WHS	White Structure
				35	3500K	S	Spot (TBD°) [*]				GOMT	Gold Matte
											BLBR	Black Brushed
											BRBR	Bronze Brushed
											CHBR	Champagne Brushed
											SBBR	Silver Bronze Brushed

SMART-C-R-A-3.2-1X	-		-			-	DP	-	DE	-		

SMART-C-R-A-3.2-1X	Smart Cake Adjustable 3.2 (adjustable version) [3]	27	2700K	F	Flood (40°)	DP	Damp Location		BLS	Black Structure
		30	3000K	M	Medium (22°)				WHS	White Structure
		35	3500K						GOMT	Gold Matte

[1] Frosted Glass can only be combined with a Flood beam angle
[2] Frosted Glass version: 35°
[3] Adjustable version is always provided without a Glass
[*] Available soon

Box Specifications

- Box material: extruded aluminum
- Box finish: powder coat
- Driver: included in the box
- Suitable for 1 lamp unit (1X versions) or 2 lamp units (2X versions)
- Box completely covers a 4"x4" octagonal junction box (no covers needed)
- Must be combined with Mask (specify on the next page)
- Weight: 1.7lbs (1X versions), 2.4lbs (2X versions)
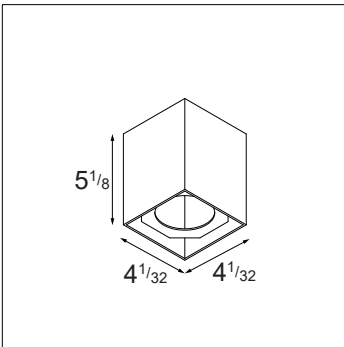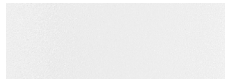
Box Surface 3.2 1X
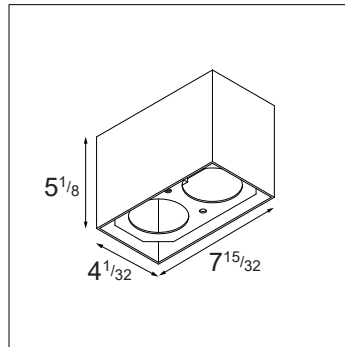
Box Surface 3.2 2X

Finish Information

Black Structure (BLS)
Powder Coat (Matte)

White Structure (WHS)
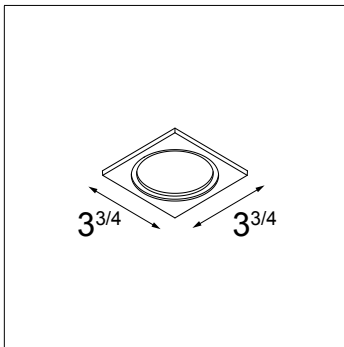Powder Coat (Matte)

Box Specifications & Ordering Information

Ordering Code	Version	Finish	Input	Output	Dim [5]	Connected Load
SMARX-S-3.2-1X-010P-DI-500-BLS	Box Surface 3.2 1X	Black Structure	120-277VAC [4]	500mA DC	0-10V, ELV & Triac - 1%	10.5W
SMARX-S-3.2-1X-010P-DI-500-WHS	Box Surface 3.2 1X	White Structure	120-277VAC [4]	500mA DC	0-10V, ELV & Triac - 1%	10.5W
SMARX-S-3.2-2X-010P-DI-500-BLS	Box Surface 3.2 2X	Black Structure	120-277VAC [4]	500mA DC	0-10V, ELV & Triac - 1%	21.5W
SMARX-S-3.2-2X-010P-DI-500-WHS	Box Surface 3.2 2X	White Structure	120-277VAC [4]	500mA DC	0-10V, ELV & Triac - 1%	21.5W

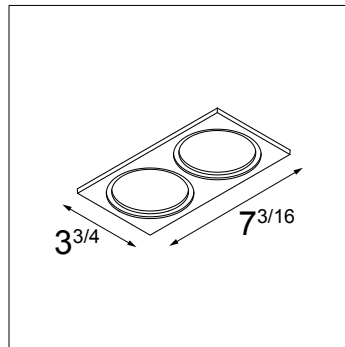[4] Dimming via ELV & Triac only compatible at 120VAC input
[5] Consult the factory for dimmer compatibility

Mask Specifications

- Mask material: cast aluminum
- Mask finish: power coat or wet paint
- Mask thickness: 0.2"
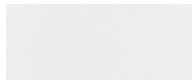- Weight: 0.2lbs (1X version), 0.3lbs (2X version)

Mask 3.2 1X

Mask 3.2 2X

Finish Information

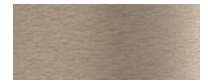|						
Black Structure (BLS) Powder Coat (Matte)	White Structure (WHS) Powder Coat (Matte)	Gold (GOMT) Wet Paint (Matte)	Black (BLBR) Wet Paint (Brushed)	Bronze (BRBR) Wet Paint (Brushed)	Champagne (CHBR) Wet Paint (Brushed)	Silver Bronze (SBBR) Wet Paint (Brushed)

Ordering Information

SMART-M-3.2	-		-	

SMART-M-3.2	Mask 3.2	1X	For 1 lamp unit [6]	BLS	Black Structure
		2X	For 2 lamp units [6]	WHS	White Structure
				GOMT	Gold Matte
				BLBR	Black Brushed
				BRBR	Bronze Brushed
				CHBR	Champagne Brushed
				SBBR	Silver Bronze Brushed

[6] Size must match Box size (page 3)

quick links

MODULAR
LIGHTING
INSTRUMENTS
— *by MLI NA Corporation*

Performance Specifications (per lamp unit)

Lamp Unit	Fix	Adjustable
Weight	0.5lbs	0.6lbs
Adjustability	-	0-25°
Location	damp	damp
CRI*	92, R9: 71	92, R9: 71
Lifetime	L80 B20 @ 50.000 hrs	L80 B20 @ 50.000 hrs
UGR	see website	see website

Electrical (typical)	Fix	Adjustable
Drive Current (mA DC)	500	500
Forward Voltage (V)	14.4	14.4
LED Power (W)	7.2	7.2

* CRI & TM-30 Value for 3000K

CRI	92.0
R9	71.2

R1 93
R2 93
R3 91
R4 94
R5 92
R6 90
R7 95
R8 89
R9 71
R10 82
R11 94
R12 75
R13 93
R14 94
R15 91

Rf	90.2
Rg	102.3

— Color Vector Graphic —
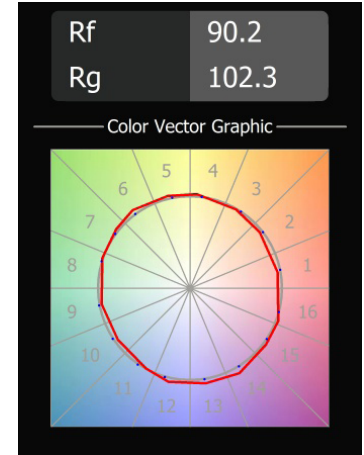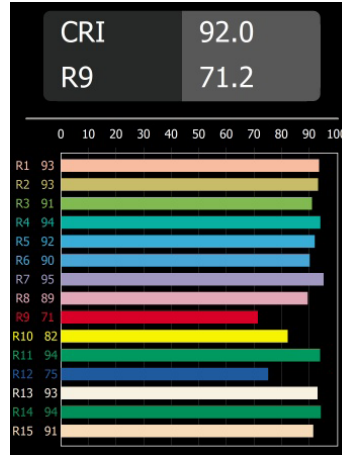
For photometric files see website or contact factory.

Output Specifications (per lamp unit)

Reference Delivered Lumens	CCT	Optics	Drive Current	Finish
Fix				
695 (ref. 3000K, MG F, 500mA WHS)	2700K (0.96) 3000K (1.00) 3500K (1.03)	MG F (1.00) MG M (1.05) MG S (TBD) FG F (0.89)	500mA (1.00)	BLS (0.85) WHS (1.00) GOMT (0.93) BLBR (0.81) BRBR (0.82) CHBR (0.92) SBBR (0.93)
Adjustable				
601 (ref. 3000K, F, 500mA, WHS)	2700K (0.95) 3000K (1.00) 3500K (1.03)	F (1.00) M (0.96)	500mA (1.00)	BLS (0.82) WHS (1.00) GOMT (0.93)

Multipliers are indicated between brackets: ( )
Example calculation, to determine typical output for Fix version, 2700K, Microprismatic Glass, Medium, 500mA Black Structure: 695 x (0.96) x (1.05) x (1.00) x (0.85) = 595 lumens

Listings and Certifications

- Listed: cULus
- Damp locations

Warranty

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