MODULAR LIGHTING INSTRUMENTS
— *by MLI NA Corporation*

Overview

Smart Kup is one of the 3 forms of the Smart family. The cone of the Smart Kup ends in a fine trim. A trim particular Modular. The same subtle trim is used in several other Modular luminaires

With an outer diameter of 3.2" and an aperture of 3.1 inches (fixed version) or 2.3 inches (adjustable version), the Smart Kup 3.2 is compact yet powerful. Combined with a wall tube (cylinder) that is offered in 1X and 2X, and multiple finishes, the beautiful combinations are yours to discover.
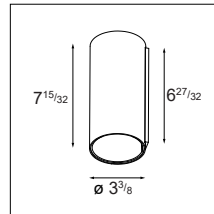
How to Specify (Example)

### 1. Select Lamp Module → Page 2

$2^{3/8}$
ø $3^{1/4}$
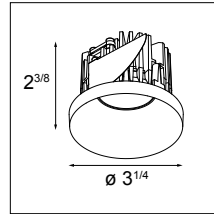
Example: **SMART-K-R-3.2-1X-30F-DP-DE-WHS**
(Smart Kup Recessed 3.2 1x, 3000K, flood, damp rated, driver excluded, white struc)

2. Select Tube Body & Driver → Page 3

$7^{15/32}$ $6^{27/32}$
ø $3^{3/8}$

Example: **SMARU-W-3.2-XL-1X-DP-010P-DI-500-BLS**
(Smart Tube Wall 3.2 X-Large, 1 lamp, damp rated, 0-10V/ELV, driver included, 500mA, black structure)

3. Select Optional Accessories → Page 4

$7^{15/32}$
$4^{23/32}$
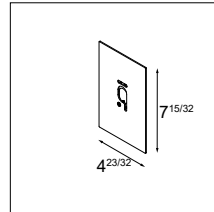
Example: **BP-C-44-SMART-TW-3.2-XL-WHS**
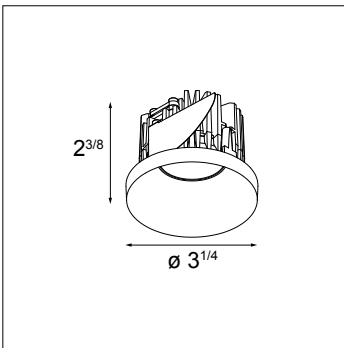(Backplate cover, 4x4 jbox, Smart Surface Tube 3.2, X-Large, white structure)

Example Order:

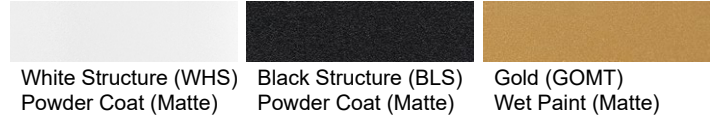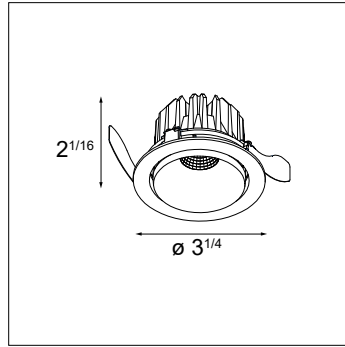| Qty.	Item
1	SMART-K-R-3.2-1X-30F-DP-DE-WHS
1	SMARU-W-3.2-XL-1X-DP-010P-DI-500-BLS
1	BP-C-44-SMART-TW-3.2-XL-WHS

Lamp Specifications & Ordering Information

- Aperture: 3.1" (fixed 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 tube

* Wet Paint is only used for the gold finish

Lamp Module Finish Options

White Structure (WHS)
Powder Coat (Matte)

Black Structure (BLS)
Powder Coat (Matte)

Gold (GOMT)
Wet Paint (Matte)

Smart Kup Recessed 3.2

2³/₈

ø 3¹/₄

Smart Kup Recessed Adjustable 3.2

2¹/₁₆

ø 3¹/₄

Ordering Information

| SMART-K-R-3.2-1X | - | - | - | DP | - | DE | - |

Smart Kup Recessed 3.2 1x	**[blank]** No Glass[1]	**27** 2700K	**S** Spot 17°[1]	**DP** Damp Location	**DE** Driver Excluded	**WHS** White Structure
	MPG Microprismatic Glass[2]	**30** 3000K	**M** Medium 22°[1][2]			**BLS** Black Structure
	FRG Frosted Glass[3]	**35** 3500K	**F** Flood 40°[1]/38°[2][3]			**GOMT** Gold Matt

| SMART-K-R-A-3.2-1X | - | - | DP | - | DE | - |

| Smart Kup Recessed Adjustable 3.2 1x	**27** 2700K	**M** Medium 22°	**DP** Damp Location	**DE** Driver Excluded	**WHS** White Structure
	30 3000K	**F** Flood 40°			**BLS** Black Structure
	35 3500K				**GOMT** Gold Matt

Tube & Driver Specifications

- Tube Material: Cast Aluminum
- Driver: Included in tube
- Included with tube: Plaster finish plate for 4x4 octagonal junction box
- Weight: 1.8lbs (Large version) / 2.7lbs (X-Large version)

Tube Finish Options

White Structure (WHS)
Powder Coat (Matte)

Black Structure (BLS)
Powder Coat (Matte)
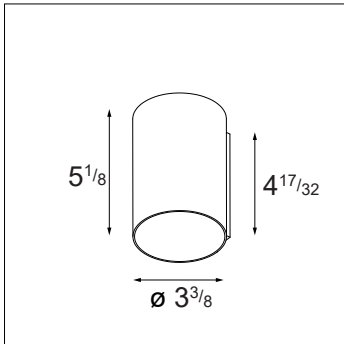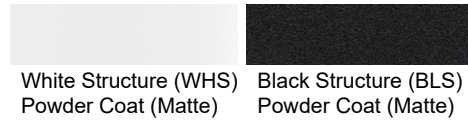
Smart Tube Wall 3.2 Large, 1X
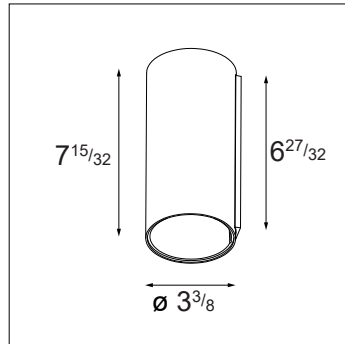
Smart Tube Wall 3.2 X-Large, 1X & 2X

Driver Specifications

DRIVER	OUTPUT CURRENT	INPUT VOLTAGE	DIMMING TYPE	TYPICAL DIMMING LEVEL**	CONNECTED LOAD (TYPICAL)	
					1X	2X
010P-500	500mA	120-277VAC, 120VAC*	0-10V, ELV & Triac	1%	10.5 W	21.5 W

* Dimming via ELV and Triac only compatible at 120VAC
** Consult the factory for dimmer compatibility
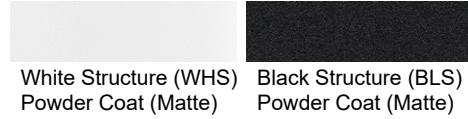
Ordering Information

- | DP | - | 010P | - | DI | - | 500 | -

SMARU-W-3.2-L-1X	Smart Tube Wall 3.2 Large, 1 lamp	**DP** Damp Rated	**010P** 0-10V/ELV/Triac	**DI** Driver Included	**500** 500mA	**WHS** White Structure
SMARU-W-3.2-XL-1X	Smart Tube Wall 3.2 X-Large, 1 lamp					**BLS** Black Structure
SMARU-W-UD-3.2-XL-2X	Smart Tube Wall Up/Down 3.2 X-Large, 2 lamp					

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Accessories Specifications

- Accessories are optional (plaster plate comes standard*)
- Backplate / Cover Plate for covering a 4x4 octagonal electrical box or 3x2 electrical box
- Cover Plate Material: Stainless steel
- Cover Plate Finish: Powder Coat
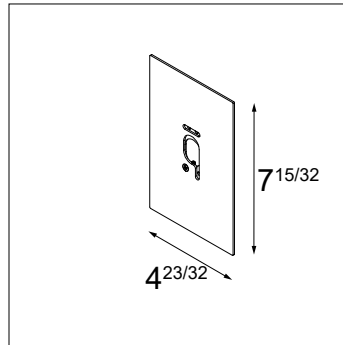- Plate Thickness: 0.08"
- Weight: 0.7lbs

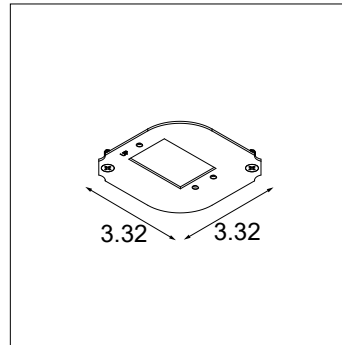* An additional plaster plate can be ordered to be delivered in advance

Plate Finish Options

White Structure (WHS)
Powder Coat (Matte)

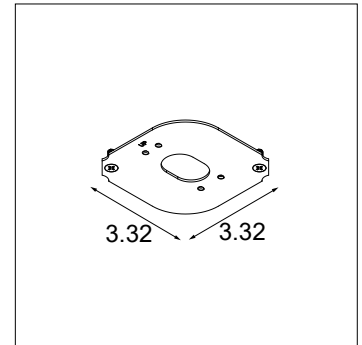Black Structure (BLS)
Powder Coat (Matte)
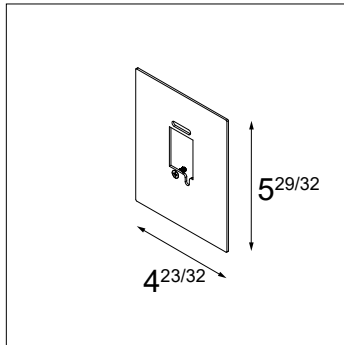
Backplate for
Tube Wall 3.2 Large

Backplate for
Tube Wall 3.2 X-Large

Plaster Finish Plate for 4x4 octagonal junction box
for Tube Wall 3.2 Large 1x / X-Large 2x

Plaster Finish Plate for 4x4 octagonal junction box
for Tube Wall 3.2 Large 1x / X-Large 2x

Accessory Ordering Information

| BP-C | - | - | SMART-TW-3.2 | - | - |

| Backplate Cover | **44** 4"x4" Junction Box | | **SMART-TW-3.2** Smart Tube Wall 3.2* | **L** Large Tube* | **WHS** White Structure |
| | **32** 3"x2" Junction Box | | | **XL** X-large Tube* | **BLS** Black Structure |

| PP | - | 44 | - | SMART-TW-3.2 | - |

| Plaster Finish Plate for 4x4 octagonal junction box | | | | **L-1X-XL-2X** Large 1x / X-Large 2x |
| | | | | **XL-1X** X-Large 1x |

* Size of backplate must match size of tube (page 3)

Performance Specifications (per lamp)

	Fixed	Adjustable
Weight	0.79lbs	0.89lbs
Adjustability	-	0-25°
Location	Damp	
CRI*	92, R9: 71	
Lifetime	L80 B20 @ 50.000 hrs	
UGR	see website	
Electrical (typical)		
	500mA	
Vf	14.4V	
Power	7.2W	

For photometric files see website or contact factory

CRI	92.0
R9	71.2

0 10 20 30 40 50 60 70 80 90 100

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

*CRI & TM-30 Value for 3000K

Rf	90.2
Rg	102.3

Color Vector Graphic
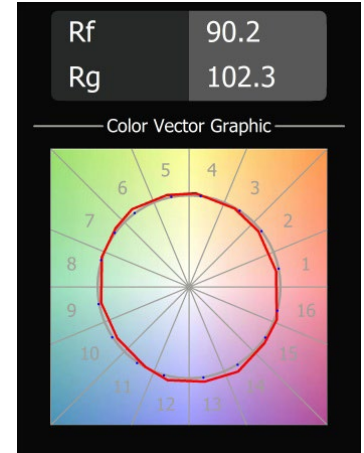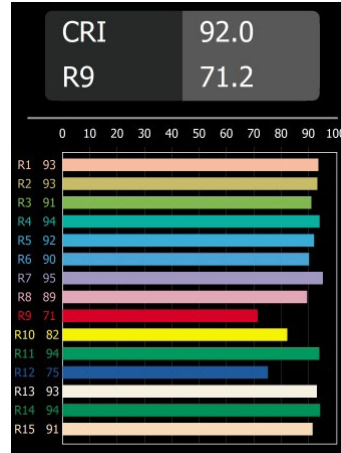
Output Specifications

Reference: 3000K, 40deg (FL), 500mA, White
Values below are typical
( ) indicates multipliers

Fixed Lamp

Reference Delivered Lumens	CCT	Optics	Current	Finish
861	2700K (0.96) 3000K (1.0) 3500K (1.04)	S (1.0) M (1.0) F (1.0) MPG M (0.98) MPG F (0.89) FRG F (0.84)	500mA (1.0)	WHS (1.0) GOMT (0.94) BLS (0.94)

Adjustable Lamp

Reference Delivered Lumens	CCT	Optics	Current	Finish
686	2700K (0.95) 3000K (1.0) 3500K (1.03)	M (1.05) F (1.0)	500mA (1.0)	WHS (1.0) GOMT (1.04) BLS (0.99)

Example Calculation
To determine typical output for 2700K, Medium optic, 500mA in Gold:
686 x 0.95 x 1.05 x 1.0 x 1.04 = 712 lumen

Listings and Certifications

- ADA Compliant
- Damp location listed
- cUL & UL listed

Warranty

Visit https://www.supermodular.com/warranty