

Type

Project

Notes



ADVANT LIGHTING



### ADL-BDN

IN-GROUND/RECESSED LIGHT

For outdoor, recessed, path, decking

Weather resistant hard anodized finish

Professional optical lens

5 YEARS LIMITED WARRANTY INCLUDED



IP68 WATER & TESTED

IESNA LM-79

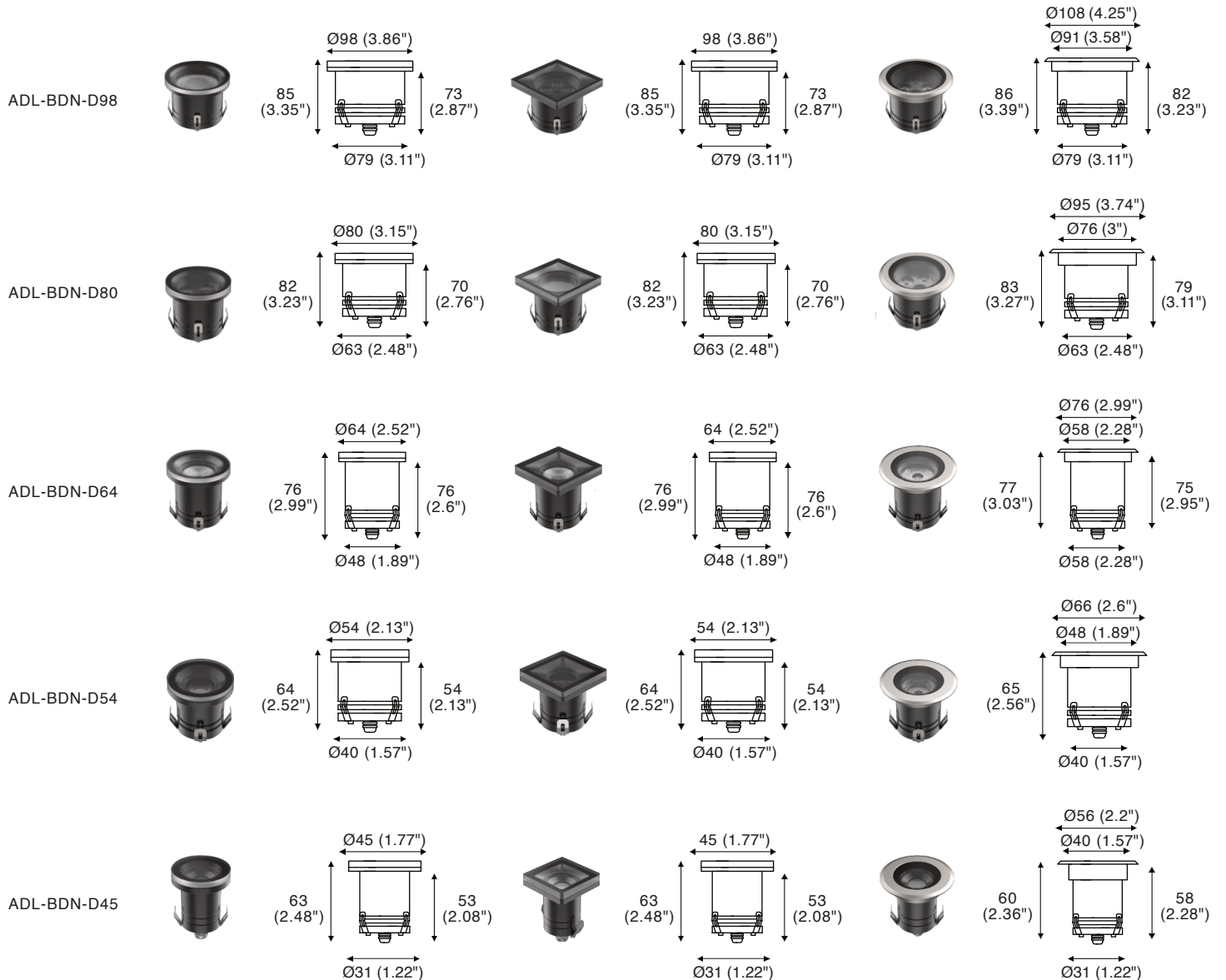
IESNA LM-80

### TECHNICAL DRAWING

Type A (Round Frame-less)

Type B (Square Frame-less)

Type C (Round)



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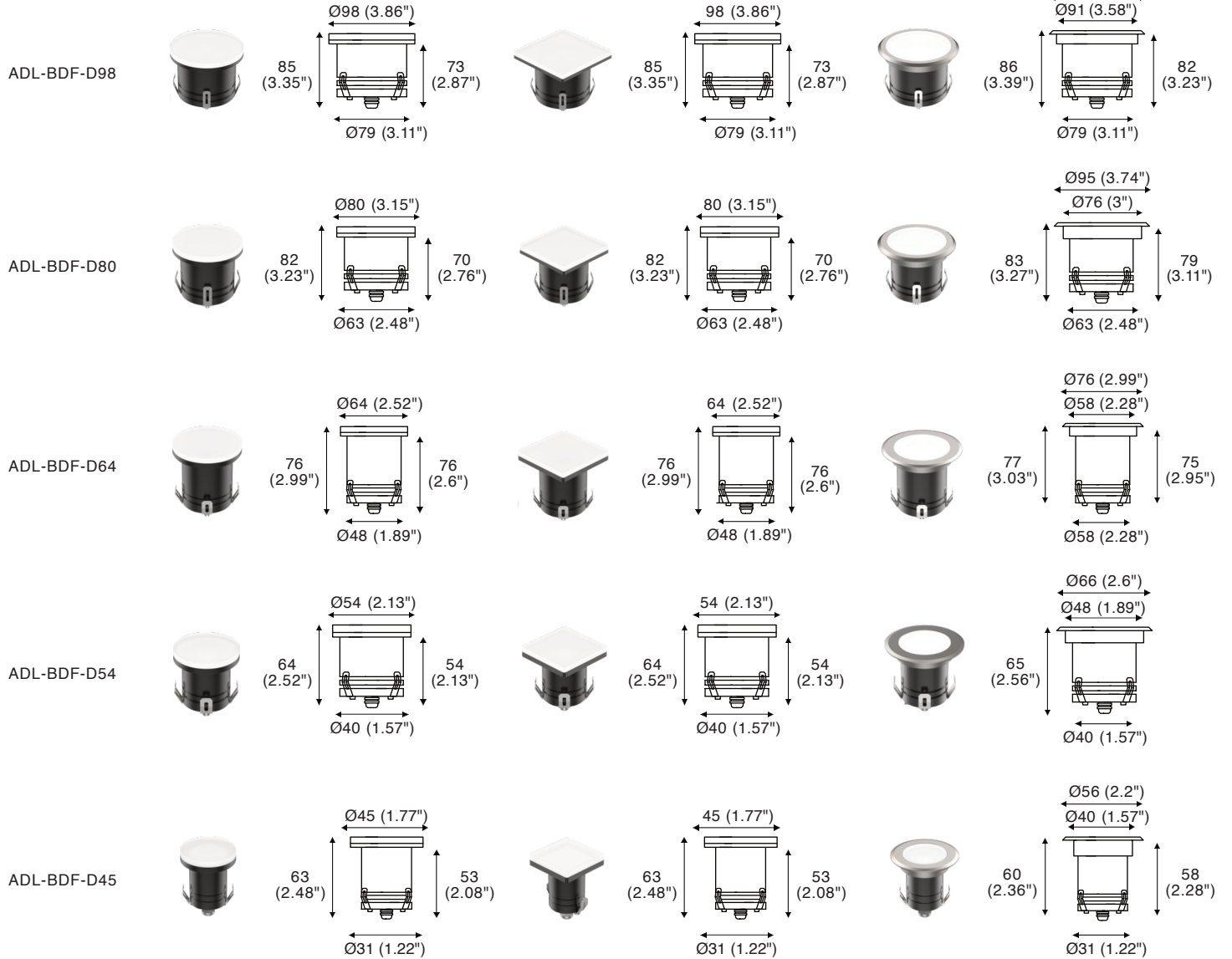


ADVANT  
LIGHTING

Type A (Round Frame-less)

Type B (Square Frame-less)

Type C (Round)



Type

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Notes



## PRODUCT SPECIFICATIONS

Summary	ADL-BDN-D98	ADL-BDN-D80	ADL-BDN-D64
Dimensions	Varies by model and type	Varies by model and type	Varies by model and type
Lumen Output	810 lm	630 lm	450 lm
Efficacy	90 lm/W	90 lm/W	90 lm/W
Light Source	4 pcs SMD	3 pcs SMD	1 pcs SMD
Power Consumption	9 W	7 W	5 W
Input Voltage	24V DC	24V DC	24V DC
CCT	2700K, 3000K, 400K, 5000K, 5700K, Red, Green, Blue	2700K, 3000K, 400K, 5000K, 5700K, Red, Green, Blue	2700K, 3000K, 400K, 5000K, 5700K, Red, Green, Blue
CRI	Ra80, Ra90	Ra80, Ra90	Ra80, Ra90
IK Rating	IK08	IK08	IK08
IP rating	IP67	IP67	IP67
Beam Angle	5°, 8°, 10°, 12°, 25°, 30°, 40°, 45°, 60°, 10°*22°, 12°*45°, 15°*55°, 15°*30°, 20°*60°, 24°*45°	5°, 8°, 10°, 12°, 25°, 30°, 40°, 45°, 60°, 10°*22°, 12°*45°, 15°*55°, 15°*30°, 20°*60°, 24°*45°	4°, 5°, 8°, 10°, 12°, 15°, 18°, 24°, 25°, 30°, 36°, 45°, 60°, 10°*30°
Control	0-10V, DALI, TRIAC, DMX	0-10V, DALI, TRIAC, DMX	0-10V, DALI, TRIAC, DMX
Working Temperature	-40° ~ 40°C	-40° ~ 40°C	-40° ~ 40°C
Warranty	5 Years	5 Years	5 Years

Summary	ADL-BDN-D54	ADL-BDN-D45
Dimensions	Varies by model and type	Varies by model and type
Lumen Output	360 lm	180 lm
Efficacy	90 lm/W	90 lm/W
Light Source	1 pcs SMD	1 pcs SMD
Power Consumption	4 W	2 W
Input Voltage	24V DC	24V DC
CCT	2700K, 3000K, 400K, 5000K, 5700K, Red, Green, Blue	2700K, 3000K, 400K, 5000K, 5700K, Red, Green, Blue
CRI	Ra80, Ra90	Ra80, Ra90
IK Rating	IK08	IK08
IP rating	IP67	IP67
Beam Angle	5°, 8°, 10°, 12°, 15°, 24°, 25°, 30°, 36°, 40°, 60°, 10°*22°, 12°*45°, 15°*55°	15°, 20°, 25°, 40°, 60°, 15°*40°, 20°*50°
Control	0-10V, DALI, TRIAC, DMX	0-10V, DALI, TRIAC, DMX
Working Temperature	-40° ~ 40°C	-40° ~ 40°C
Warranty	5 Years	5 Years

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## PRODUCT SPECIFICATIONS

Summary	ADL-BDF-D98	ADL-BDF-D80	ADL-BDF-D64
Dimensions	Varies by model and type	Varies by model and type	Varies by model and type
Lumen Output	810 lm	630 lm	450 lm
Efficacy	90 lm/W	90 lm/W	90 lm/W
Light Source	30 pcs SMD 4 pcs SMD	18 pcs SMD 3 pcs SMD	6 pcs SMD 1 pcs SMD
Power Consumption	9 W	7 W	5 W
Input Voltage	24V DC	24V DC	24V DC
CCT	2700K, 3000K, 400K, 5000K, 5700K, Red, Green, Blue	2700K, 3000K, 400K, 5000K, 5700K, Red, Green, Blue	2700K, 3000K, 400K, 5000K, 5700K, Red, Green, Blue
CRI	Ra80, Ra90	Ra80, Ra90	Ra80, Ra90
IK Rating	IK08	IK08	IK08
IP rating	IP67	IP67	IP67
Beam Angle	120°	120°	120°
Control	0-10V, DALI, TRIAC,DMX	0-10V, DALI, TRIAC,DMX	0-10V, DALI, TRIAC,DMX
Working Temperature	-40° ~ 40°C	-40° ~ 40°C	-40° ~ 40°C
Warranty	5 Years	5 Years	5 Years

Summary	ADL-BDF-D54	ADL-BDF-D45
Dimensions	Varies by model and type	Varies by model and type
Lumen Output	270 lm	180 lm
Efficacy	90 lm/W	90 lm/W
Light Source	6 pcs SMD 1 pcs SMD	6 pcs SMD 1 pcs SMD
Power Consumption	3 W	2 W
Input Voltage	24V DC	24V DC
CCT	2700K, 3000K, 400K, 5000K, 5700K, Red, Green, Blue	2700K, 3000K, 400K, 5000K, 5700K, Red, Green, Blue
CRI	Ra80, Ra90	Ra80, Ra90
IK Rating	IK08	IK08
IP rating	IP67	IP67
Beam Angle	120°	120°
Control	0-10V, DALI, TRIAC,DMX	0-10V, DALI, TRIAC,DMX
Working Temperature	-40° ~ 40°C	-40° ~ 40°C
Warranty	5 Years	5 Years

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ADVANT LIGHTING

ORDER FORM

ADL-BDN																	
1	2		3		4		5		6		7		8		9		10
2. SIZE	3. CRI		4. LED		5. CCT		6. BEAM		6. BEAM		6. BEAM		6. BEAM		7. DIMMING		7. DIMMING
D98 Ø98 Wattage: 9W Voltage: 24V DC	R80	Ra80	4LED	4pcs SMD	27	2700K	50	5000K	5D	5°	25D	25°	1022D	10°*22°	DM	0-10V	
		R90			Ra90	30	3000K	57	5700K	8D	8°	30D	30°	1245D	12°*45°	TRI	TRIAC
					35	3500K	R	Red	10D	10°	40D	40°	1555D	15°*55°	DL	DALI	
					40	4000K	G	Green	12D	12°	45D	45°	1530D	15°*30°	DMX	DMX	
				B			Blue	60D			60°	2060D	20°*60°				
											2445D	24°*45°					
									RGB	RGB	15D	15°	1245D	12°*45°		DMX	DMX
									RGBW	RGBW	25D	25°	1530D	15°*30°			
											40D	40°	1555D	15°*55°			
											60D	60°					
D80 Ø80 Wattage: 7W Voltage: 24V DC			3LED	3pcs SMD	27	2700K	50	5000K	5D	5°	25D	25°	1022D	10°*22°	DM	0-10V	
					30	3000K	57	5700K	8D	8°	30D	30°	1245D	12°*45°	TRI	TRIAC	
					35	3500K	R	Red	10D	10°	40D	40°	1555D	15°*55°	DL	DALI	
					40	4000K	G	Green	12D	12°	45D	45°	1530D	15°*30°	DMX	DMX	
				B			Blue	60D			60°	2060D	20°*60°				
											2445D	24°*45°					
									RGB	RGB	15D	15°	1245D	12°*45°		DMX	DMX
									RGBW	RGBW	25D	25°	1530D	15°*30°			
											40D	40°	1555D	15°*55°			
											60D	60°					
D64 Ø64 Wattage: 5W Voltage: 24V DC			1LED	1pcs SMD	27	2700K	50	5000K	4D	4°	15D	15°	1022D	10°*22°	DM	0-10V	
					30	3000K	57	5700K	5D	5°	25D	25°	1245D	12°*45°	TRI	TRIAC	
					35	3500K	R	Red	8D	8°	30D	30°	1555D	15°*55°	DL	DALI	
					40	4000K	G	Green	10D	10°	45D	45°	1530D	15°*30°	DMX	DMX	
				B			Blue	12D			12°	1030D	10°*30°	2060D	20°*60°		
											2445D	24°*45°					
									RGB	RGB	8D	8°	45D	45°		DMX	DMX
									RGBW	RGBW	15D	15°	1030D	10°*30°			
											25D	25°					
	D54 Wattage: 4W Voltage: 24V DC			1LED	1pcs SMD	27	2700K	50	5000K	5D	5°	25D	25°	1022D	10°*22°	DM	0-10V
			30			3000K	57	5700K	8D	8°	40D	40°	1245D	12°*45°	TRI	TRIAC	
					35	3500K	R	Red	10D	10°	45D	45°	1555D	15°*55°	DL	DALI	
					40	4000K	G	Green	12D	12°	60D	60°			DMX	DMX	
				B			Blue										
									RGB	RGB	25D	25°	1245D	12°*45°		DMX	DMX
									RGBW	RGBW	40D	40°	1555D	15°*55°			
											60D	60°					

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### ORDER FORM

2. SIZE		3. CRI		4. LED		5. CCT			6. BEAM				7. DIMMING		
D45	Ø45	R80	Ra80	1LED	1pcs SMD	27	2700K	50	5000K	15D	15°	60D	60°	DM	0-10V
Wattage: 2W		R90	Ra90			30	3000K	57	5700K	25D	25°	1540D	15°*40°	TRI	TRIAC
Voltage: 24V DC						35	3500K	R	Red	40D	40°			DL	DALI
						40	4000K	G	Green					DMX	DMX
								B	Blue						
										20D	20°			DMX	DMX
										25D	25°				
										2050D	20°*50°				
8. TYPE		9. OPTIC		10. FINISH			11. SLEEVE								
TA	Type A	O1	Grille	GR	Grey	BR	Bronze	MA	Model A						
TB	Type B	O2	Barrel	SG	Silver Grey	WH	White	MB	Model B						
TC	Type C	O3	Shutter	GD	Gold	BK	Black								

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ADVANT LIGHTING

ORDER FORM

ADL-BDF																
1	2		3	4		5		6		7		8		9	10	
2. SIZE	3. CRI		4. LED	5. CCT		6. BEAM		7. DIMMING								
D98 Ø98 Wattage: 9W Voltage: 24V DC	R80	Ra80	30LED 30pcs SMD	27	2700K	40	4000K	R	Red	120D	120°	DM	0-10V			
				30	3000K	50	5000K	G	Green			TRI	TRIAC			
				35	3500K	57	5700K	B	Blue			DL	DALI	DMX	DMX	
			4LED 4pcs SMD	RGB	RGB					120D	120°	DMX	DMX			
				RGBW	RGBW											
D80 Ø80 Wattage: 7W Voltage: 24V DC			18LED 18pcs SMD	27	2700K	40	4000K	R	Red	120D	120°	DM	0-10V			
				30	3000K	50	5000K	G	Green			TRI	TRIAC			
				35	3500K	57	5700K	B	Blue			DL	DALI	DMX	DMX	
			3LED 3pcs SMD	RGB	RGB					120D	120°	DMX	DMX			
				RGBW	RGBW											
D64 Ø64 Wattage: 5W Voltage: 24V DC			6LED 6pcs SMD	27	2700K	40	4000K	R	Red	120D	120°	DM	0-10V			
				30	3000K	50	5000K	G	Green			TRI	TRIAC			
				35	3500K	57	5700K	B	Blue			DL	DALI	DMX	DMX	
			3LED 3pcs SMD	RGB	RGB					120D	120°	DMX	DMX			
				RGBW	RGBW											
D54 Wattage: 4W Voltage: 24V DC			6LED 6pcs SMD	27	2700K	40	4000K	R	Red	120D	120°	DM	0-10V			
				30	3000K	50	5000K	G	Green			TRI	TRIAC			
				35	3500K	57	5700K	B	Blue			DL	DALI	DMX	DMX	
			3LED 3pcs SMD	RGB	RGB					120D	120°	DMX	DMX			
				RGBW	RGBW											
D45 Ø45 Wattage: 2W Voltage: 24V DC			6LED 6pcs SMD	27	2700K	40	4000K	R	Red	120D	120°	DM	0-10V			
				30	3000K	50	5000K	G	Green			TRI	TRIAC			
				35	3500K	57	5700K	B	Blue			DL	DALI	DMX	DMX	
			3LED 3pcs SMD	RGB	RGB					120D	120°	DMX	DMX			
				RGBW	RGBW											
8. TYPE	9. OPTIC		10. FINISH		11. SLEEVE											
TA	Type A	O1	Grille	GR	Grey	BR	Bronze	MA	Model A							
TB	Type B	O2	Barrel	SG	Silver Grey	WH	White	MB	Model B							
TC	Type C	O3	Shutter	GD	Gold	BK	Black									

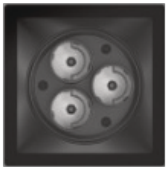
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### Optic Accessories



Grille

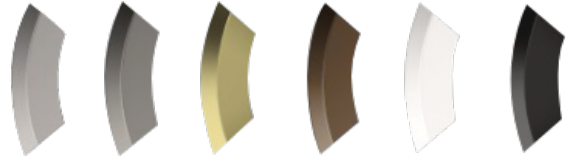


Barrel



Shutters

### Finish Options



### Anti-glare Optic Accessories

Front Cover	Stainless steel
Housing	CNC 6063# aluminum. T=60-80 μm Adhesion of ISOclass 1/ASTMclass 4B high temperature painting
Driver	Constant current output
Glass	Step tempered glass
Mounting Sleeve	ABS

### Mounting Sleeve

