

Architectural Wall Wash & Grazer

Project:

Type:

Qty:



BACH delivers precise, glare-free vertical lighting through versatile mounting options—inground, surface, or wall. Its innovative optical baffle minimizes glare and improves visual comfort, while high-performance optics provide uniform distribution for both wall washing and grazing, creating layered dramatic effects.

Designed for bold architectural expression, BACH seamlessly highlights textures and geometries with clarity. Ideal for outdoor façades and refined indoor settings, it brings an international design sensibility to cultural, retail, corporate, and public spaces.

Meticulously crafted for superior performance, BACH elevates any environment with light that is both functional and expressive.



Flexible mounting options



Enhances visual comfort



Indoor and outdoor



Uniform illumination

RATINGS



ORDER CODE

ORDER CODE EXAMPLE: Bach-IN-RT-24-LO-27K-WW-WH-W-D10-120V

Series	Enviroment	Installation Type	Size	Wattage	CCT	Beam Angle
Bach	IN indoor	IN Recessed in Ground or Floor	24 24" length	LO 5W/F	27K 2700K	WW Wall Wash
	OU outdoor	RT Recessed in the Ceiling	36 36" length	MO 10W/F	30K 3000K	WG Wall Graze
		SF Surface Mount	48 48" length	HO 15W/F	35K 3500K	
		PD Pendant Mount	CS"-" Custom Size Please consult factory.		40K 4000K	
		WM Wall Mount			TW Tunable White 2700K-5000K	
					WD Warm Dim 3000K-1800K	
			RGBW:47"only		RGBW Confirm the control details & accessories with the factory	

Reflector Finish	Body Finish	Dimming	Voltage
WH White	W White	ND Non Dim	120V 120V Only
BK Black	B Black	ELV ELV	UNV 120V-277V
SP Specular Chrome	GR Grey	D10 0-10V	
SB Specular Black	DG Dark Grey	DAL DALI	
	CS Custom RAL	DMX Suitable for RGBW control	
		RDM Suitable for RGBW control	
		PPF Suitable for RGBW control	

Remarks:

- Standard loop-in cable length: 39 inches with open wire ends
- Custom optics available upon request
- Custom RAL colors available
- Anti-corrosive coating option available
- Driver can be remote
- Outdoor version rated for a maximum load of 330lb/150KGS
- Temporary immersion up to 24 hours at a maximum depth of 2 meters. Ensure proper drainage during installation to prevent any standing water. Avoid permanent submersion.

Bina continuously refines its optics as part of ongoing product improvements and reserves the right to make changes without prior notice. For repeat or project-specific orders requiring identical optics and controls, please reference the corresponding Bina invoice number (PO\*\*\*) in your purchase order.



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DELIVERED LUMEN OUTPUT

CRI90								
Power	Size	Flux						
		2700K	3000K	3500K	4000K	Warm Dim	Tunable White	RGBW
18W	24"	940	1080	1098	1125	720	1080	583
36W	36"	1881	2160	2250	2250	1447	2160	1166
48W	48"	1881	2160	2250	2250	1447	2160	1166

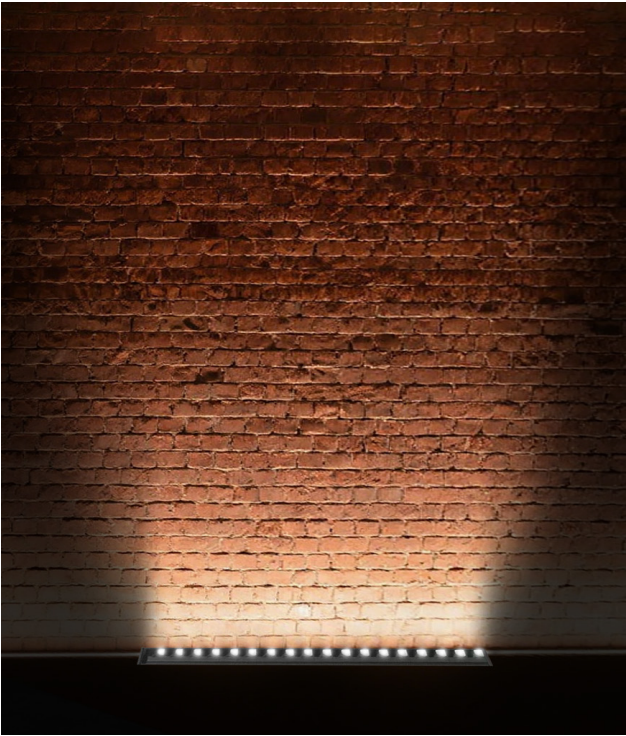


Bach Wall Washer

Uniform Illumination. Flawless Finish.  
Creates seamless, wide light distribution for a clean, modern appearance.

Eliminates Hotspots.  
Provides consistent brightness across large surfaces without dark spots or glare.

Ideal for Modern Façades.  
The solution for evenly lighting glass, metal, and painted walls.



Bach Wall Grazer

Amplifies Texture. Creates Drama.  
Uses vertical grazing to highlight brick, stone, and concrete details.

Depth and Dimension.  
Enhances a surface's tactile quality with sharp light and shadow.

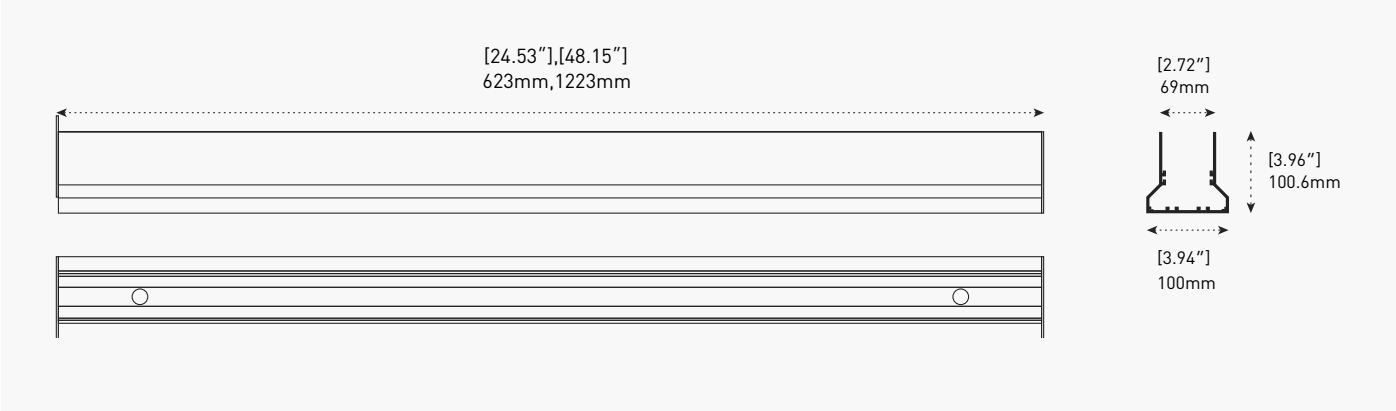
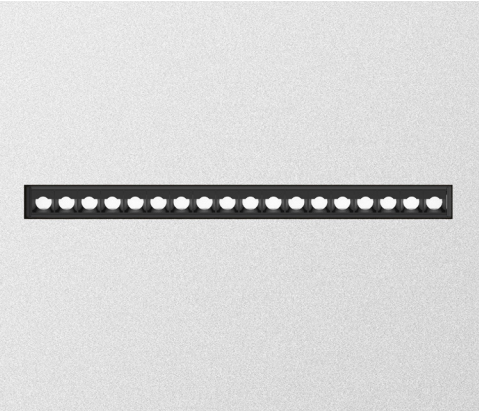
For Impactful Surfaces.  
Turns textured walls into striking architectural features.

Architectural Wall Wash & Grazer

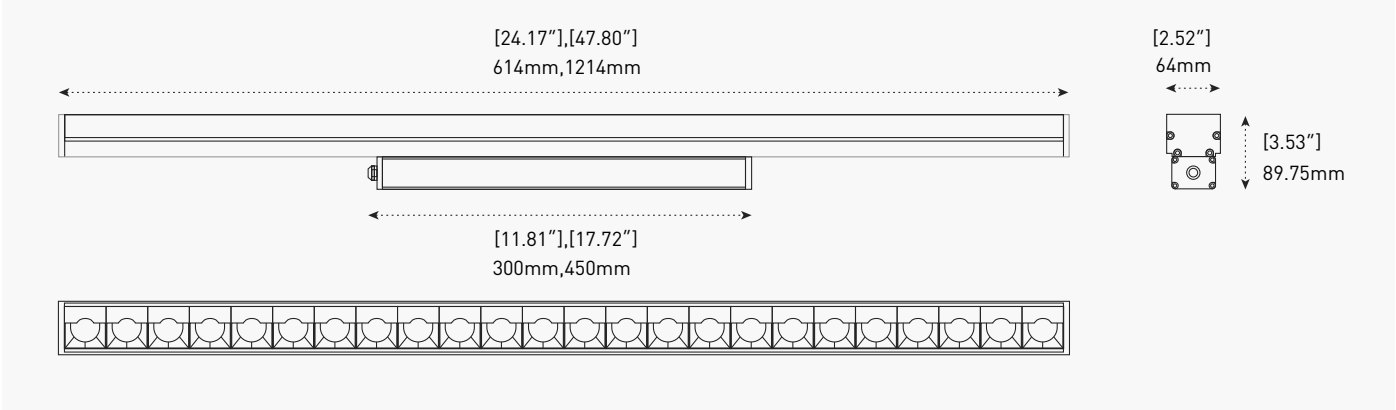
Project:	Type:	Qty:
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DIMENSIONS

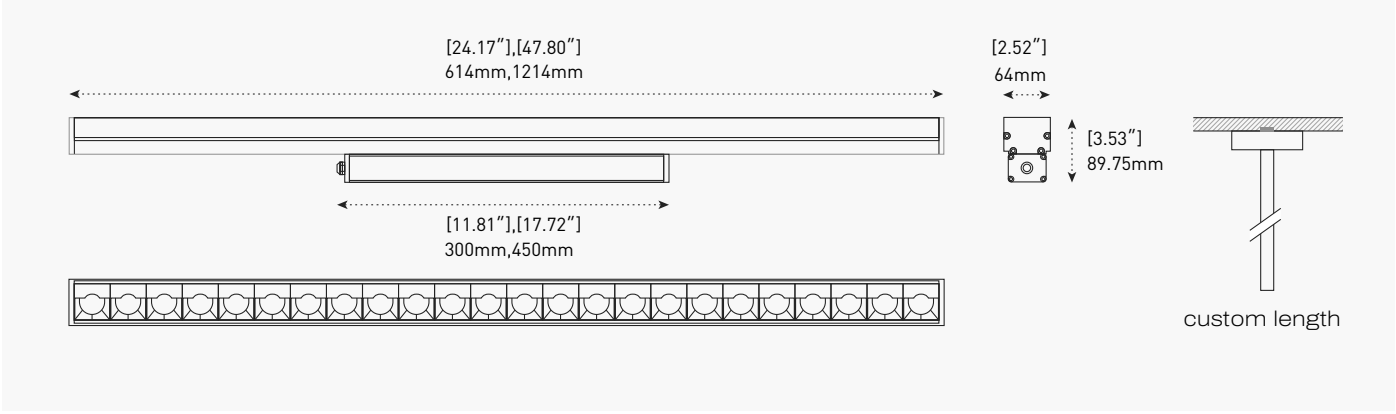
Recessed with Trim



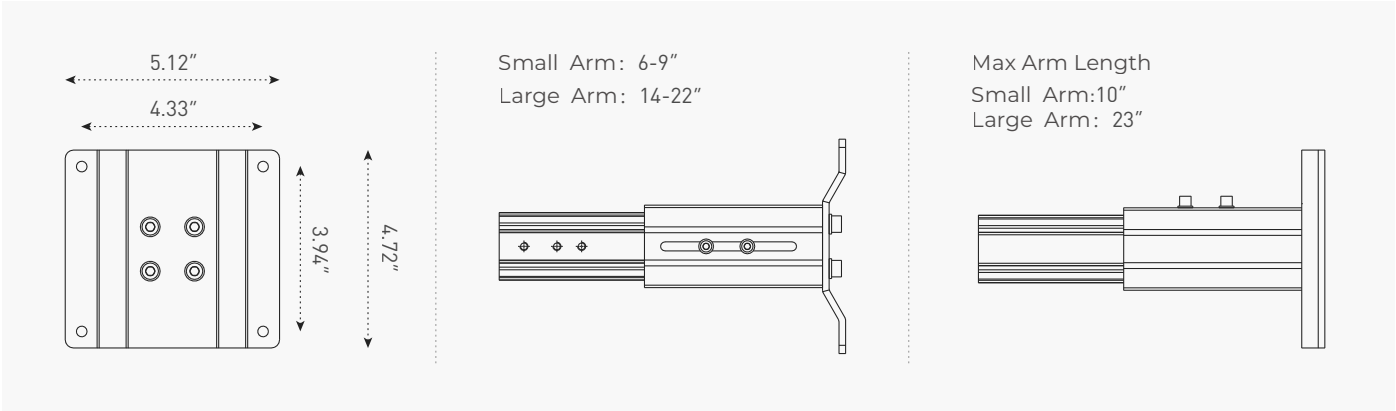
Surface Mount



Pendant Mount



Wall Mount



Fixture lenght is customizable. Please contact Bina Factory for details.

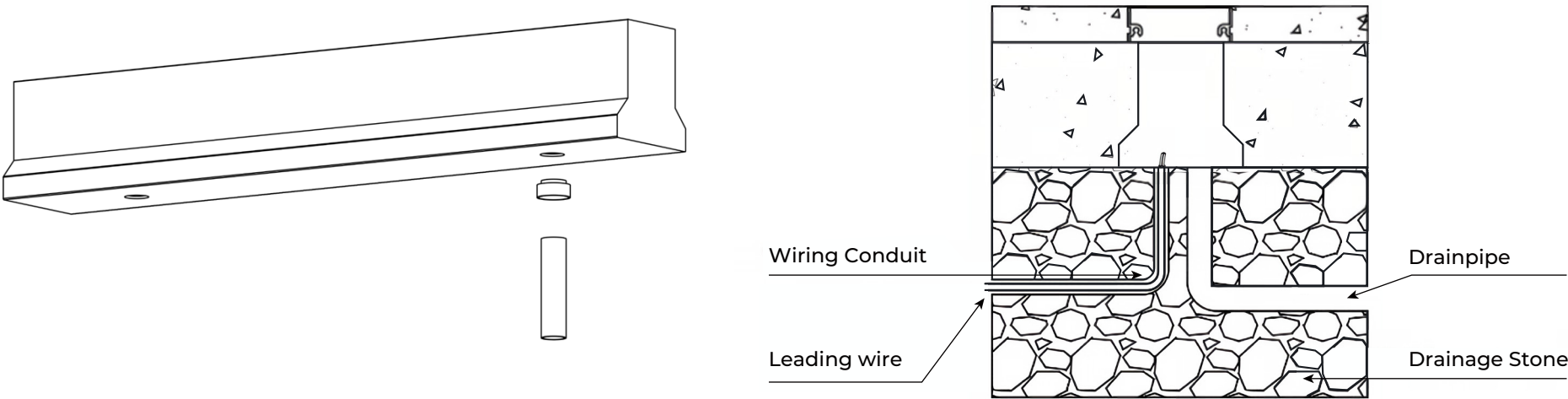
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INSTALLATION GUIDE

Step 1: Conduit and Cable Preparation

Prepare the ground socket appropriately, including the installation of drainage piping and electrical conduits.



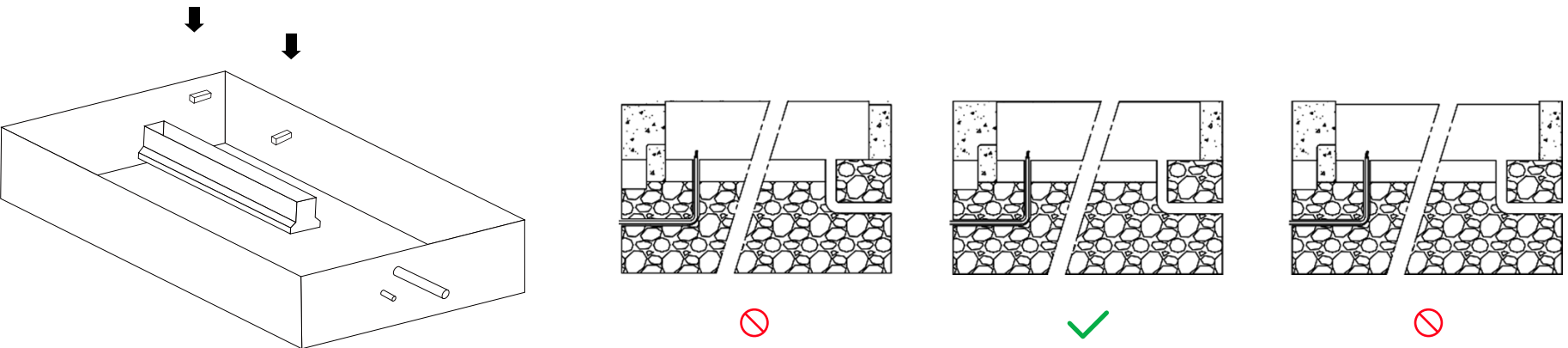
Step 2: Drainage Performance Verification

Validate the drainage system by pouring a volume of water equal to the capacity of the mounting box. The water must fully drain within 30 minutes.

The underlying drainage material must extend across the full length of the mounting box and withstand a load resistance of 1000 kg.

Step 3: Mounting Sleeve Installation and Concrete Pouring

Position the mounting sleeve over the drainage layer using the provided acrylic support insert. Surround the sleeve with concrete, ensuring it is leveled flush with the final finished surface.



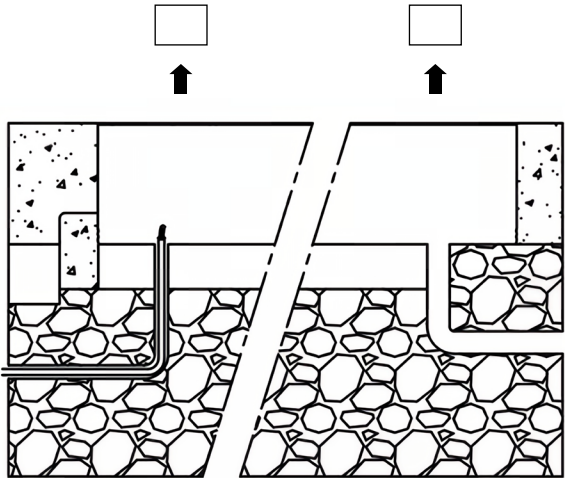


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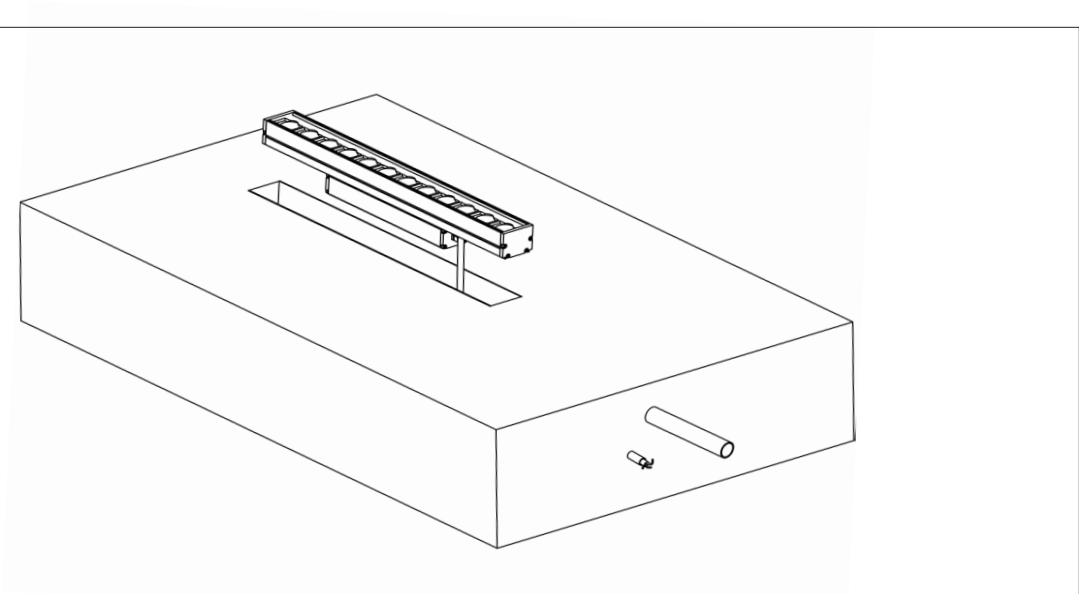
Step 4: Support Removal

Remove all temporary support inserts or formwork used to maintain the sleeve's position and shape during pouring.



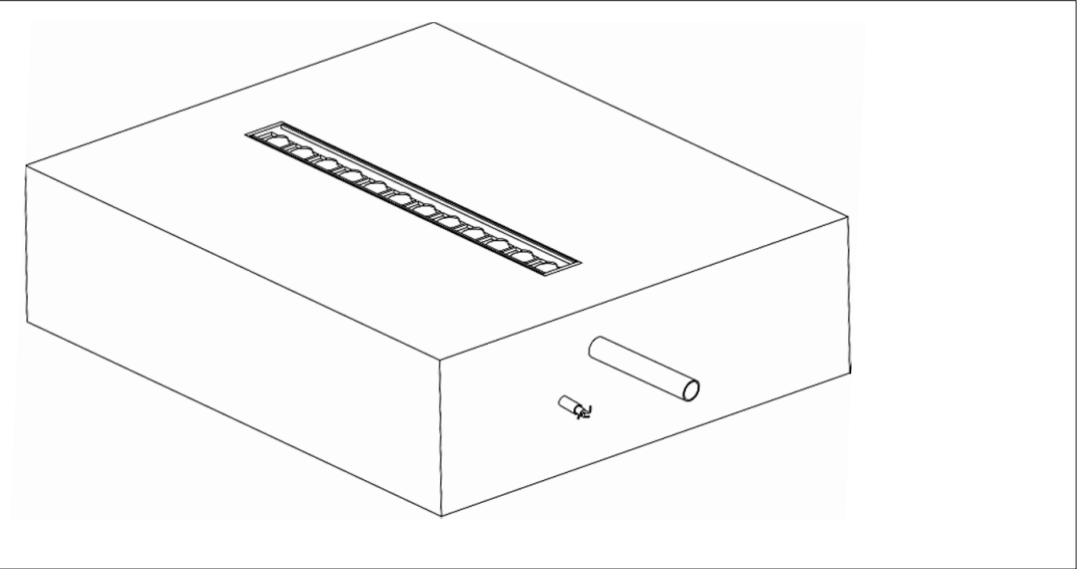
Step 5: Electrical Connection

Route the electrical cable through the pre-installed conduit and make all necessary connections outside the mounting box. Once terminated, neatly secure the cable within the box.



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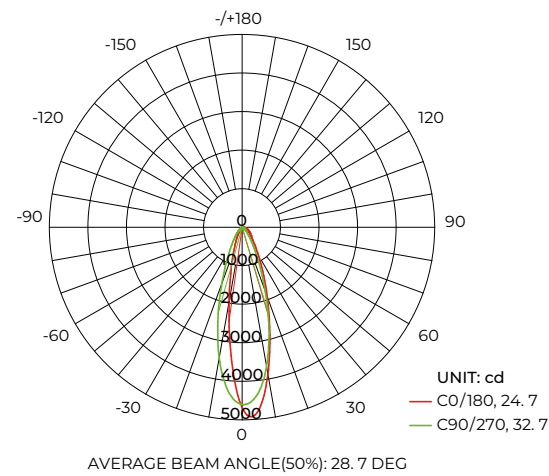
Qty:

Optical Flexibility for wall washing and Beyond

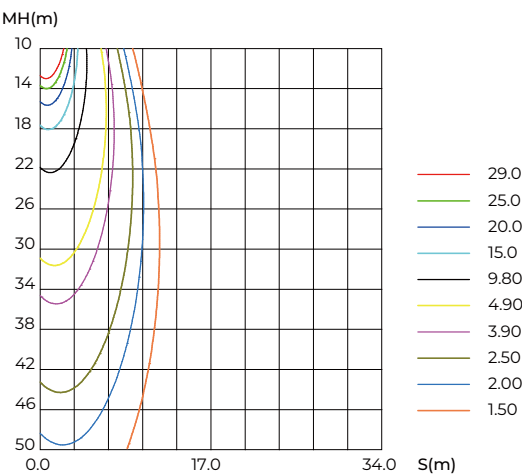
Bach is optimized for standard wallwashing applications, delivering uniform vertical illumination. For enhanced optical performance and project-specific requirements, it is available with a range of interchangeable optics, including Elliptical Narrow Lens for corridor or aisle lighting, Asymmetrical Lens for precise side-throw distribution, Opal Lens for diffused ambient glow, and Diamond Prism for controlled light diffusion with visua interest.

PHOTOMETRIC TEST REPORT

Bach INTENSITY DISTRIBUTION DIAGRAM



CO PLANE ISOLUX DIAGRAM (UNIT:lx)



TEST: U:220,00V I:0.1760A P:35.000W PF:0.9040 FREQ:50.00HZ LAMP FLUX:1000X1 1M
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NAME	TYPE	SPEC.	MER.	DIM
Bach-1223mm-3000K-30D-Rev1	3000K	30 DEG	EVERFINE	1223mm

DATA OF LAMP		PHOTOMETRIC DATA			Eff: 55.82 lm/W
MODEL	CA71D100.11	Imax(cd)	4919	S/MH(CO/180)	4919
NOMINAL POWER(W)	36	LOR(%)	195.4	S/M(C90/270)	195.4
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1953.9	ηUP,DN(CO-180)	1953.9
NOMINAL FLUX(lm)	100-270	CIE CLASS	DIRECT	ηUP,DN(C180-360)	DIRECT
LAMPS INSIDE	220	nup (%)	1.4	CIBSE SHR NOM	1.4
TEST VOLTAGE (V)	110	n down (%)	194/0	CIBSE SHR MAX	194/0

CONTROL TYPE AND DIMMING OPTIONS

Control Type and Grouping Configurations for 4ft Fixtures		
Control Type Option	Standard	Pixel Per Foot
No. of Diodes	24	24
RDM Personality	1 Group	4 Groups
Groupings	1 Group of 30	4 Groups of 6
No. of Channel	4	16


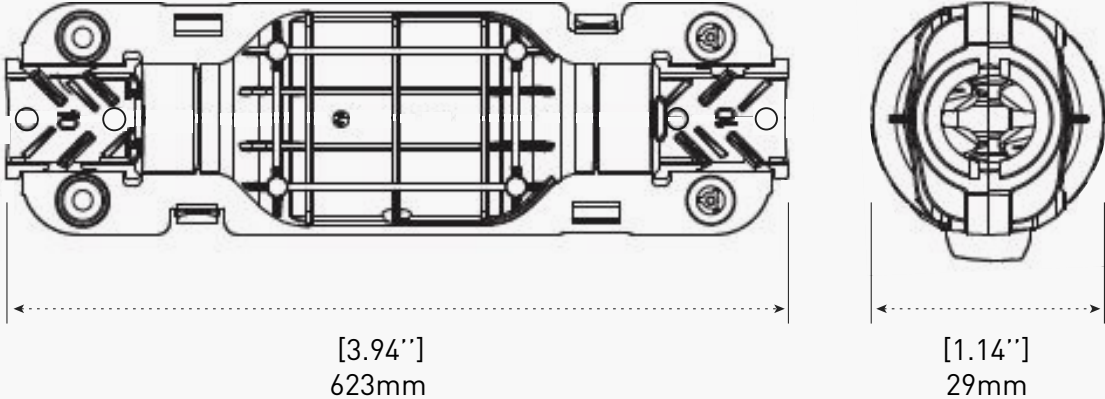
CABLE CORE COLOR CODING

Cable	Function	Core(EU)	Wire Size
Power lead in	L (live)	Brown	1.3mm²
	N (Neutral)	Blue	1.3mm²
	GND (Earth)	Yellow/Green	1.3mm²
Data lead in	DIM+	Purple	0.5mm²
	DIM-	Grey	0.5mm²
	N/A	Yellow	0.5mm²
Power and Data Power Combined	L (live)	Brown	1.3mm²
	N (Neutral)	Blue	1.3mm²
	GND (Earth)	Yellow/Green	1.3mm²
	DIM+	Purple	0.3mm²
	DIM-	Grey	0.3mm²
	N/A	Yellow	0.3mm²

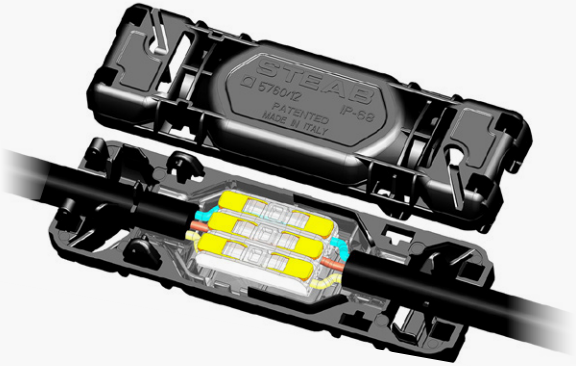
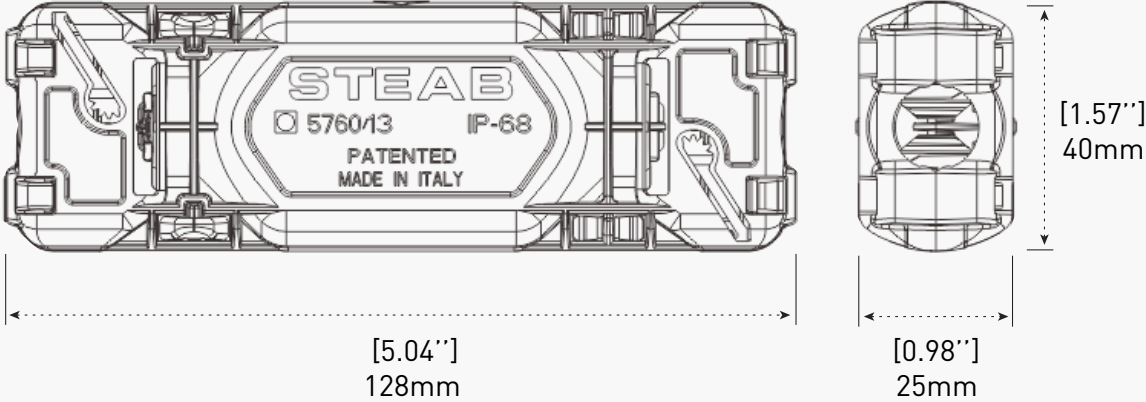
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CONNECTING ACCESSORIES -INGROUND (ORDER SEPARATELY)

ITEM	Brand	DIMMING	DESCRIPTION
Paguro 5650/3	STEAB	ON OFF, TRIAC	GEL Box 2ways waterproof IP68 3 pin connectors
<div><div></div><div></div></div>			

For more details, please visit <https://www.steab.it/catalogo/paguro-5695-3/?lang=en>

ITEM	BRAND	FUNCTION	DESCRIPTION
Paguro 5650/13	STEAB	0-10V, DALI	2-Way Gel-Filled IP68 Waterproof 6-Pin Connector
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For more details, please visit <https://www.steab.it/catalogo/quick-paguro-5760-13-3/?lang=en>

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SET BACK DISTANCE

Proper setback distances are key to ac optimal lighting performance and uniform wallwashing effects.

Recommended Setback Distances for Wallwashers

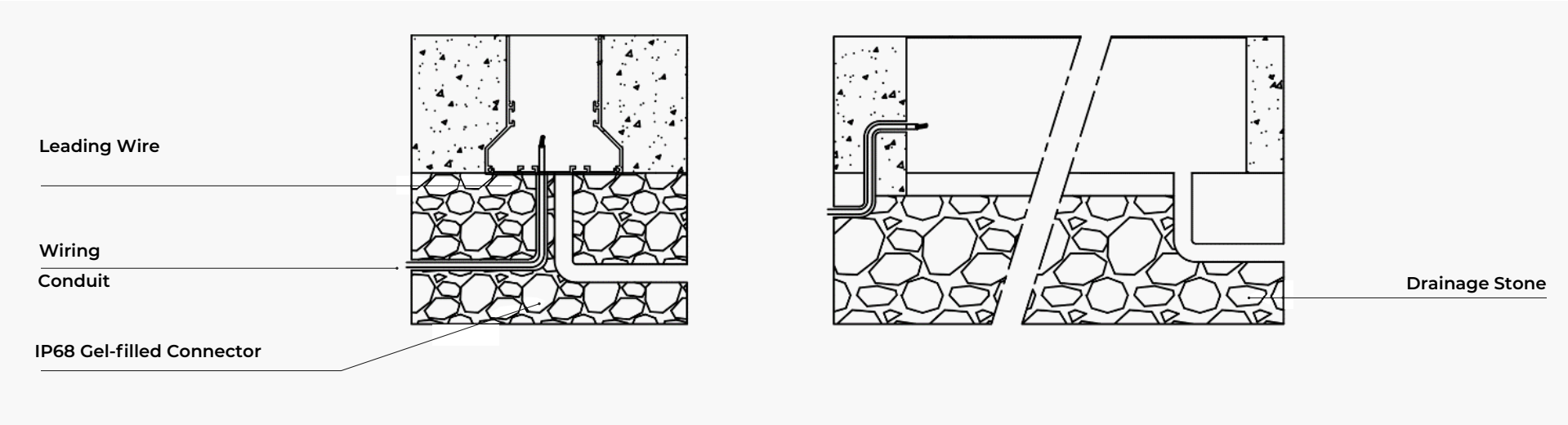
Set Back Distance	Purpose	Best Use
0.79" – 1.97"	For narrow beams, smooth surfaces, glazing	Focused, intense lighting.
1.97"–3.94"	Balanced lighting for textured walls.	General wallwashing
3.94"–7.87"	Wide, even light for large areas.	Enhances textured surfaces



The recommended setback distances serve as general guidelines only. Actual requirements may differ based on wall texture, installation height, and the desired lighting effect. We recommend on-site adjustments to ensure optimal results for your specific project conditions.

INGROND NSTALLATION

Proper setback distances are key to achieving optimal lighting performance and uniform wallwashing effects.



Remarks:

- Please ensure proper drainage during installation; inadequate drainage will void the warranty.
- Use sealed or gel-filled connectors for all wire connections.
- Stainless steel screws are recommended for trim installation.
- The top surface should be level with the ground.