



- Designed to house terminations, pushbuttons, isolators or switchgear in industrial or demanding environments such as washeries, processing and sampling stations.
- Is well suited to applications that require front and side mounted switching devices.
- 40° sloping roof and 40mm roof overhang reduces material build-up.
- Internal door rails fitted to ensure mounting flexibility.
- Lifting lugs conform to AS4991: *Lifting Devices*.
- One (1) tonne SWL on each lifting lug.
- Conformity, Approvals:
Lloyds Register #06/10007 (E2)
- Manufactured from 1.5 to 2.0mm 316 stainless steel.
- N4 surface finish.

Comes standard with:

- Steel mounting pan powdercoated white
- Top and bottom mounting flanges
- Internal 6mm earth stud
- Lock dust cover with stainless steel lock with 8mm square slotted stainless steel insert
- Lifting lugs on 800mm & 1200mm high enclosures



ORDERING GUIDE

Part Number	Dimensions (mm)												Weight (kg)	
	External				Internal	Mounting Pan		Gland Opening		Mounting Centres		Material Thk.		
	Height (A)	Width (B)	Depth (C)	Total Height (D)	Usable Depth* (H)	Height (I)	Width (J)	Width (K)	Depth (L)	Height (M)	Width (N)	Body		Door
BL040320/S	400	300	200	709	179	345	210	200	105	676	200	1.5	1.5	14.0
BL040420/S	400	400	200	709	150	345	310	300	105	676	300	1.5	1.5	18.0
BL060420/S	600	400	200	909	150	545	310	300	105	876	300	1.5	1.5	21.0
BL060630/S	600	600	300	993	250	545	510	500	205	960	500	1.5	1.5	33.0
BL080630/S	800	600	300	1193	250	745	510	500	205	1160	500	1.5	1.5	60.0
BL120830/S	1200	800	300	1593	250	1145	710	700	205	1560	700	1.5	1.5	90.0
BW040320/S▲	400	300	200	710	179	345	210	200	105	676	200	2.0	2.0	17.0
BW040420/S	400	400	200	709	150	345	310	300	105	676	300	2.0	2.0	21.0
BW060420/S▲	600	400	200	909	150	545	310	300	105	876	300	2.0	2.0	28.0
BW060630/S▲	600	600	300	993	250	545	510	500	205	960	500	2.0	2.0	38.0
BW080630/S	800	600	300	1193	250	745	510	500	205	1160	500	2.0	2.0	70.0
BW120830/S	1200	800	300	1593	250	1145	710	700	205	1560	700	2.0	2.0	100.0

* Mounting pan to inside of door

▲ Available on request

Bowen Series

Mining and Industrial Enclosures

ACCESSORIES

Product	Part Number	Dimensions (mm)			BL040320/S	BL040420/S	BL060420/S	BL060630/S	BL080630/S	BL120830/S	BM040320/S	BM040420/S	BM060420/S	BM060630/S	BM080630/S	BM120830/S	BW040320/S	BW040420/S	BW060420/S	BW060630/S	BW080630/S	BW120830/S
		Height	Width	Depth																		
Hinged escutcheon – 2mm zinc coated steel (white)	BWHE040420	300	312	200		•						•						•				
	BWHE060420	500	312	200			•						•						•			
	BWHE060630	500	507	300				•						•						•		
	BWHE080630	700	507	300					•						•						•	
	BWHE120830	1100	710	300						•						•						•
Light kit brackets^	BWLKB04^	–	–	–		•	•					•	•					•	•			
	BWLKB06^	–	–	–				•	•					•	•					•	•	
	BWLKB08^	–	–	–						•						•						•
LED Light*	BRLED300	–	300	–		•	•					•	•					•	•			
	BRLED300/24	–	300	–		•	•					•	•					•	•			
	BRLED500	–	500	–				•	•	•				•	•	•				•	•	•
	BRLED500/24	–	500	–				•	•	•				•	•	•				•	•	•

* Requires light kit bracket to suit enclosure size

^ Light not included, purchased separately

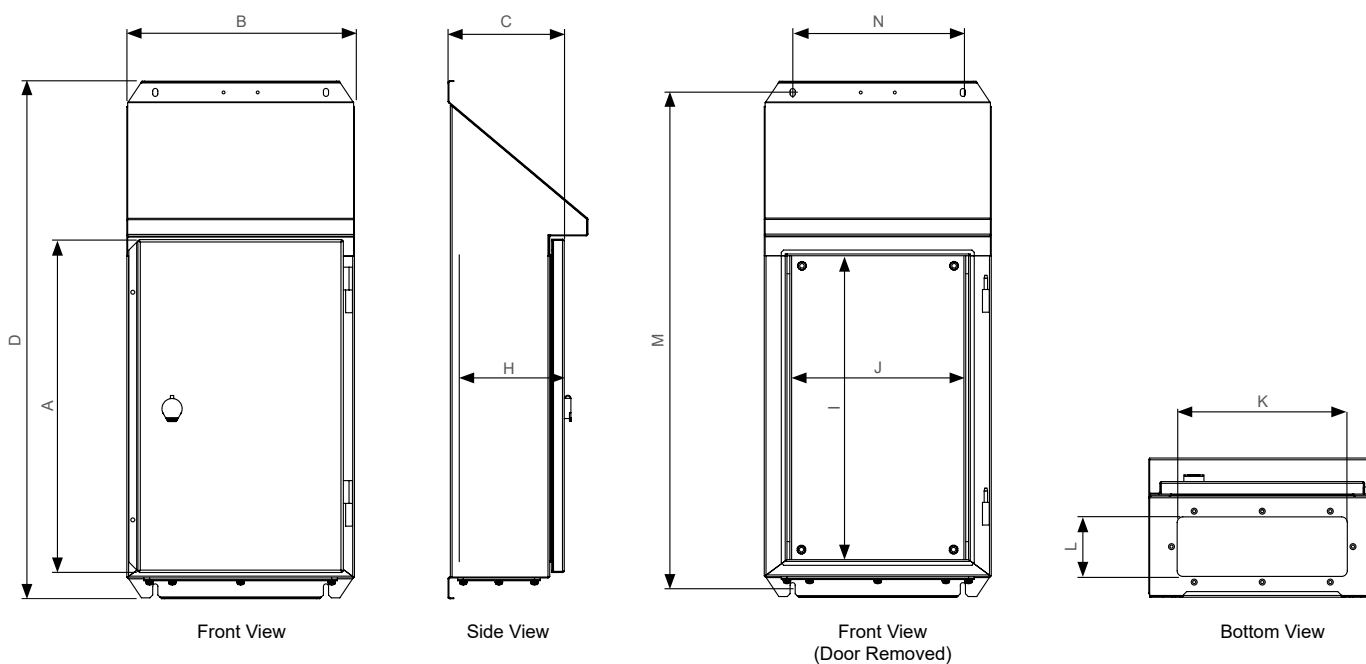
▲ Available on request



DID YOU KNOW?

Retrofitted sunshades offer added protection against rising internal temperatures. Enclosures with integrated sunshades are also available.

TECHNICAL DRAWINGS



Our LED lighting solutions provide light inside an enclosure when visibility is required for both safety and efficacy.



Compact, high-output LED lighting designed to enhance visibility within enclosures and rack systems. Up to four light units can be daisy chained from a single power supply, with linking capability of up to 36W per run. Lights can be mounted directly to 19" rack rails, with optional mounting kits available for enclosures without rack rails.

When roof-mounted, the slim-profile design allows unobstructed operation of full-height swing frames and hinged escutcheons. An optional PIR motion sensor provides automatic switching for improved energy efficiency.

B&R's LED lighting solutions are applied to provide excess light within an enclosure and becomes a continuous light source to provide extra visibility.

- Energy saving up to 50% compared with traditional fluorescents under the same lux.
- Life span – over 50,000 hours
- Colour temperature: warm white.
- Available in 12V and 24V options.
- Easy linking up to 36 watts per run.
- Easy to install.
- Low voltage — safe and efficient.
- Manufactured from aluminium with black plastic end caps and acrylic lens.
- Light source – SM3528 LED
- Operating temperature – -20°C to 40°C indoors



This information is provided as a guide only. Contact your local sales representative to discuss your requirements.

Technical Operating Data

Length (mm)	Voltage (DC)	Power (W)	Radiance	Colour Temp	Luminous Flux (lm)*	LED Current (A)
300	12/24	3	90°	4400	280/360	0.18
500	12/24	5	90°	4400	460/600	0.18

Bowen Series

Part Number	Power (V)	Inclusions					Required Mounting Bracket			Width (mm)	Optional
		LED Light	Power Supply	Splitter	Switch	Connectors	BWLKB04	BWLKB06	BWLKB08		
BRLED300	12	•	•		•		•			400	BRMOT PIR Motion Sensor
BRLED300/24	24	•	•		•		•			400	
BRLED500	12	•	•		•			•	•	600 or 800	
BRLED500/24	24	•	•		•			•	•	600 or 800	
BRLEDK03	–	•		•		•	•			400	
BRLEDK05	–	•		•		•		•	•	600 or 800mm	

Locks

Standard Lock Supplied

Enclosure	
Hedland PH	NI020/S – stainless steel lock with 7mm square stainless steel insert



Additional Lock Options

Product	Description	Part Number	Standard Lock/Insert	Alternative insert	Keys	
					Lockable handles	Aluminium, 4-way
Turnbuckle	chromed steel	NI020	7mm square – steel	See below		SKZ
	powdercoated	NI020/PS	7mm square – stainless steel	See below		SKZ
	stainless steel	NI020/S	7mm square – stainless steel	See below		SKZ
		NI028/S	8mm square slotted – stainless steel	See below		SK8
Wing knob	lockable	NI030	Key code 92268		SK3	
	non-lockable	NI111	–			
T-handle	lockable	NI040	Key code 92268		SK3	
L-handle	lockable	NI050	Key code 92268		SK3	
	padlockable – steel	NI052	–			
	padlockable – stainless steel	NI052/S	–			
Dust cap	plastic	NI020/DC	to suit NI020 lock			



LOCK INSERTS FOR 020 LOCKS

To suit lock style	Description	To suit lock	3mm double bit pin		8mm square		8mm triangle	
			Steel	Stainless Steel	Steel	Stainless Steel	Stainless Steel	Steel
Turnbuckle	chromed steel	NI020	LKINS3P		LKINS8S		LKINS8SS/S	LKIN8T
	powdercoated with SS insert	NI020/PS		LKINS3P/S		LKINS8S/S	LKINS8SS/S	LKINS8T/S
	stainless steel	NI020/S		LKINS3P/S		LKINS8S/S	LKINS8SS/S	LKINS8T/S
Key required – zinc			SKZ	SKZ	SK8	SK8	SK8	SKZ