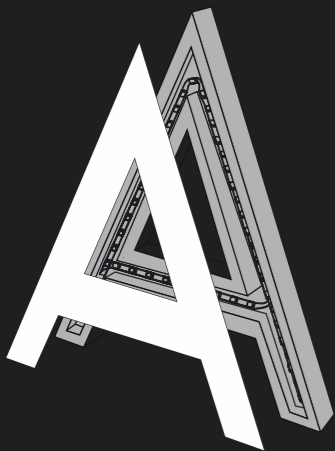
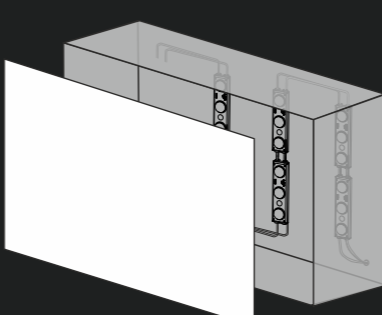
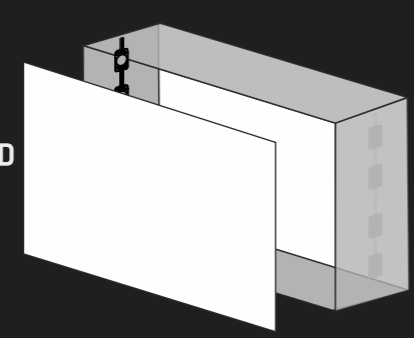


SIGNAGE SOLUTIONS

QUICK SELECTION GUIDE

APPLICATION	DEPTH RANGE	VOLTAGE	POWER	BEST FOR YOU	MAX VALUE AT DEPTH PITCH RATIO
 ILLUMINATED LETTERS	MICRO BLOCK 30-50 mm	12 V	0.15 W	Opto A	30 mm full cable
			0.3 W	MINI	40 mm 1:1.6
			7.2 W / m ²	LineLit ZigZag	30 mm
	SHALLOW 50-100 mm	12 V	0.35 W	Challenger 0	50 mm 1:1.6
			0.5 W	Opto S0+	60 mm 1:1.6
			0.72 W	RGB	Request for calculation
			0.75 W	Challenger 1	80 mm 1:1.7
			1.0 W	Opto S1+	90 mm 1:1.8
		24 V	1.2 W	Base 3	80 mm 1:1.6
			0.2 W	Challenger 0	50 mm 1:1.6
			0.5 W	Challenger 1	80 mm 1:1.6
			1.0 W	Opto S2+	100 mm 1:2
			SEMI-DEEP 100-200 mm	12 V	0.75 W
	1.0 W	Opto S1+			120 mm 1:1.7
	1.0 W	Challenger 2			130 mm 1:1.6
	1.45 W	Opto S3+			160 mm 1:1.8
	1.5 W	Challenger 3			150 mm 1:1.6
	24 V	0.5 W		Challenger 1	120 mm 1:1.6
		0.8 W		Challenger 2	130 mm 1:1.6
		1.0 W		Opto S2+	140 mm 1:2
1.1 W		Challenger 3		150 mm 1:1.7	
1.8 W		Opto S4+		200 mm 1:2	
DEEP from 200 mm	12 V	1.45 W	Opto S3+	200 mm 1:1.7	
		1.5 W	Challenger 3	200 mm 1:1.6	
		2.0 W	Challenger 4	250 mm 1:1.3	
	24 V	1.1 W	Challenger 3	200 mm 1:1.6	
		1.4 W	Challenger 4	250 mm 1:1.3	
		1.8 W	Opto S4+	250 mm 1:1.6	

APPLICATION	DEPTH RANGE	VOLTAGE	POWER	BEST FOR YOU	MAX VALUE AT DEPTH PITCH RATIO
 SINGLE-SIDED LIGHTBOXES	SHALLOW 50-100 mm	12 V	0.35 W	Challenger 0	70 mm 1:1.6
			0.5 W	Opto S0+	80 mm 1:1.6
			0.75 W	Challenger 1	90 mm 1:1.6
		24 V	0.2 W	Challenger 0	70 mm 1:1.6
			0.5 W	Challenger 1	80 mm 1:1.6
			1.0 W	Opto S2+	100 mm 1:2
	SEMI-DEEP 100-200 mm	12 V	0.75 W	Challenger 1	120 mm 1:1.6
			1.0 W	Opto S1+	120 mm 1:1.7
			1.0 W	Challenger 2	130 mm 1:1.6
			1.5 W	Challenger 3	150 mm 1:1.6
			1.45 W	Opto S3+	160 mm 1:1.8
		24 V	0.5 W	Challenger 1	120 mm 1:1.6
			0.8 W	Challenger 2	130 mm 1:1.6
			1.0 W	Opto S2+	140 mm 1:2
			1.1 W	Challenger 3	150 mm 1:1.7
			1.8 W	Opto S4+	200 mm 1:2
	DEEP from 200 mm	12 V	1.45 W	Opto S3+	200 mm 1:1.7
			1.5 W	Challenger 3	200 mm 1:1.6
		24 V	2.0 W	Challenger 4	250 mm 1:1.3
			1.1 W	Challenger 3	200 mm 1:1.6
		1.4 W	Challenger 4	250 mm 1:1.3	
		1.8 W	Opto S4+	250 mm 1:1.6	

APPLICATION	DEPTH RANGE	VOLTAGE	POWER	BEST FOR YOU	MAX VALUE AT DEPTH PITCH RATIO
 DOUBLE-SIDED LIGHTBOXES	SHALLOW 50-80 mm	12V	1.4 W	Duo W1	70 mm 1:1
		24 V	12.2 W	EdgeLit Slim	50-60 mm N/A
	SEMI-DEEP 80-200 mm	12V	1.4 W	Duo W1	120 mm 1:1
		24 V	12.2 W	EdgeLit Slim	80 mm N/A
			3.6 W	Duo W3	140 mm 1:1.2
	DEEP from 200 mm	24 V	30 W	EdgeLit	140 mm N/A
			3.6 W	Duo W3	250 mm 1:1.1
			30 W	EdgeLit	200 mm N/A
			20 W	Retrofit Tube	250 mm N/A
ACCENT LIGHTING		24V	10 W / m ²	LineLit	50 mm N/A

Opto S+

Best at 40-90 80-140 80-150 120-200 130-300 mm depth

Best at 40-300 depth

	OPTO S0+	OPTO S1+	OPTO S2+	OPTO S3+	OPTO S4+
SUPPLY VOLTAGE	12 VDC	12 VDC	24 VDC	12 VDC	24 VDC
POWER	0.5 W	1.0 W	1.0 W	1.45 W	1.8 W
LUMEN OUTPUT	63 LM	122 LM	160 LM	180 LM	300 LM
QUANTITY chain bag box	60 120 1200	35 70 560	45 90 720	35 105 525	40 80 400

EASY TEAR FINGER-LIFT
5 YEARS WARRANTY
160°
IP 67
RoHS Compliant
UK CA
CE

CENTRE-TO-CENTRE DISTANCE*, mm

DEPTH	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	220	250	280	300				
OPTO S0+	80	100	120	140	160	170																			
OPTO S1+					160	180	200	210	230	250	250														
OPTO S2+					150	170	190	200	210	250	290	300													
OPTO S3+									240	260	260	270	270	300	310	330	350								
OPTO S4+														350	350	360	360	370	370	380	380	390	390	400	400

Best at 20-60 depth
12 VDC | 0.3 W | 28 LM

50 (chain) | 100 (bag) | 2000 (box)

DEPTH WIDTH	20	30	40	50	60
20	40	50	70	85	85
40	30	50	70	85	85
60	30	45	60	85	85
80		40	60	85	85
100				85	85

5 YEARS WARRANTY
160°
IP 66
85 mm
CE
UK CA
RoHS Compliant

Challenger

Best at 30-160 50-160 80-160 100-240 110-300 mm depth

Best at 30-300 depth

	CHALLENGER 0		CHALLENGER 1		CHALLENGER 2		CHALLENGER 3		CHALLENGER 4	
SUPPLY VOLTAGE	12 VDC	24 VDC	12 VDC	24 VDC	12 VDC	24 VDC	12 VDC	24 VDC	12 VDC	24 VDC
POWER	0.35 W	0.2 W	0.75 W	0.5 W	1.0 W	0.8 W	1.5 W	1.1 W	2.0 W	1.4 W
LUMEN OUTPUT	47 LM	28 LM	92 LM	62 LM	97 LM	119 LM	174 LM	128 LM	233 LM	166 LM
QUANTITY chain bag box	30 210 1470	80 160 1120	38 152 1064	110 220 880	35 140 980	90 180 820	24 120 840	66 132 792	20 100 700	50 100 600

5 YEARS WARRANTY
160°
IP 67
RoHS Compliant
UK CA
CE

CENTRE-TO-CENTRE DISTANCE*, mm

DEPTH	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	250	300	
CHALLENGER 0	40	60	90	110	120	130	130	130	130	130	130	130	130	130							
CHALLENGER 1			90	120	140	160	180	190	200	200	200	200	200	200							
CHALLENGER 2						160	180	190	200	210	220	230	230								
CHALLENGER 3								200	220	240	260	280	320	340	340	340	340	340			
CHALLENGER 4									250	280	300	320	340	340	340	340	340	340	340	340	340

Best at 80-150 depth

	BASE 3
SUPPLY VOLTAGE	12 VDC
POWER	0.72 W 1.2 W
LUMEN OUTPUT	72 LM 138 LM
QUANTITY chain bag box	20 100 1400

5 YEARS WARRANTY
160°
IP 66
150 mm
CE
RoHS Compliant
UK CA

Duo W

Best at 80-160 140-400 depth

	DUO W1	DUO W3
SUPPLY VOLTAGE	12 VDC	24 VDC
POWER	1.4 W	3.6 W
LUMEN OUTPUT	130 LM	300 LM
QUANTITY chain bag box	30 90 630	10 20 160

up to 1500 mm
up to 2500 mm
DUO W1 18x50°
DUO W3 15x45°
5 YEARS WARRANTY
IP 66
CE
RoHS Compliant
UK CA

SignBridge

BPSP-20-12V.1 20 W constant voltage LED driver Efficiency ≥84%	BPSP-40-12V.1 BPSP-40-24V.1 40 W constant voltage LED driver Efficiency ≥86%	BPSP-60-12V.1 BPSP-60-24V.1 60 W constant voltage LED driver Efficiency ≥86%	BPSP-100-12V.1 BPSP-100-24V.1 100 W constant voltage LED driver Efficiency ≥92%	BPSP-150-12V.1 BPSP-150-24V.1 150 W constant voltage LED driver Efficiency ≥88%
BPSP-150-12V.1-B 150 W constant voltage LED driver Efficiency ≥92%	BPSP-150-24V.1-B 150 W constant voltage LED driver Efficiency ≥92%	BPSP-150-48V.1-B 150 W constant voltage LED driver Efficiency ≥92%	BPSP-S-60-12V.1 60 W constant voltage LED driver Efficiency ≥86%	BPSP-S-100-12V.1 100 W constant voltage LED driver Efficiency ≥92%

5 YEARS WARRANTY
IP 68
CE
RoHS Compliant
UK CA

*Distances provided are based on testing in a lightbox with PLEXIGLAS® XT White WN770 GT, Translucency 30.0%. These are only recommendations and may vary based on application, cover material and other factors. For precise project calculation please contact us at projects@baltled.com