

ISBA

INDOOR SPORTS
HIGH DURABILITY
RECESSED/RECESSED
FLANGED TROFFER



The **ISBA** is a specification grade, high durability LED troffer designed for indoor sports applications such as racketball and squash. Available in 1x4, 2x2, and 2x4 housings. Integral grill with inner/outer lenses, or dual lensed only model.

CONSTRUCTION: Seam-welded and ground smooth construction. Various housing and doorframe material options are available. Inset doorframe available with or without integral grill. Doorframe attached to housing with stainless steel aircraft cables. Fixture maintains an IP65 rating and is sealed with neoprene gaskets. Stainless steel Phillips head hardware secures doorframe to housing, T25 Torx head with center-pin fasteners available. White-TGIC polyester powder-coating standard.

FINISH: Matte white finish standard for all painted housing/doorframe options.

ELECTRICAL SYSTEM: 120-277V electronic driver 0-10V, 1% dimming standard. Long-life LED system rated for >100K hours (L70 @ 25°C). Complies with federal energy efficiency standards.

LENS: High impact clear polycarbonate outer lens in specified thickness, with choice of diffusing inner lens. Lens is sealed to doorframe. Lens secured with lens clamps engineered for maximum strength and durability.

LISTINGS: IP65 rating. ETL listed. Manufactured in the USA, BAA Compliant.

LENS: Various lensing options available. Additional lensing options available, consult factory. Lenses inverted to smooth side out.

MOUNTING: Universal housing suitable for both recessed grid and recessed flanged applications. Adjustable 90° swing arm system included standard.

LED: 80 CRI or 90 CRI LEDs available in 2700K, 3000K, 3500K, 4000K and 5000K. Life is >100,000 hours at 70% lumen maintenance.

WARRANTY: 5-Year Limited Warranty. Complete warranty and terms located at www.aelnow.com/warranty.

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ORDERING INFORMATION:

Example: ISBA-22-40-13L-B20-B20-250P-M-1-90

SERIES		SIZE	MODEL		CCT	MOUNTING		ILLUMINATION LEVEL					HOUSING		DOOR MATERIAL	
ISBA	14	1X4	IG	Integral Grill	27	2700K	F	Flange		4L	4000 Lumens (Standard Low)	B16	16 Gauge Cold Roll Steel	B16	16 Gauge Cold Roll Steel (Painted)	
	22	2X2	L	Lensed Only	30	3000K	G	Grid		7L	7000 Lumens (Medium Low)	B18	18 Gauge Cold Roll Steel	B18	18 Gauge Cold Roll Steel (Painted)	
	24	2X4			35	3500K				11L	11000 Lumens (High Low)	B20	20 Gauge Cold Roll Steel	ALH	.063" Aluminum (Painted)	
					40	4000K				12L	12000 Lumens (Standard Medium)	SH16	16 Gauge Stainless Steel	SHP16	16 Gauge Stainless Steel (Painted)	
					50	5000K				13L	13000 Lumens (Medium Medium)	SH18	18 Gauge Stainless Steel	SH16	16 Gauge Stainless Steel (DR)	
								15L		15000 Lumens (High Medium)	ALH	.063 Aluminum	SHP18	18 Gauge Stainless Steel (Painted)		
								16L		16000 Lumens (Standard High)			SH18	18 Gauge Stainless Steel (DR)		
								20L		20000 Lumens (Medium High)						
								25L		25000 Lumens (High High)						
								XX	Custom Lumens							

INNER LENS		OUTER LENS		VOLTAGE	DRIVER OPTIONS		OPTIONS		
N	No Lens	125P	.125 Clear Polycarbonate	M	Multi-Volt (120-277VAC)	BLANK	0-10V 1% Dimming Driver (included standard)	14EBL	1400 Lumen Emergency Battery Backup
PA125	.125 Prismatic Acrylic	187P	.187 Clear Polycarbonate	HV	347-480VAC	CD5	0-10V 5% to Off Dimming Driver	FZ	Fuse & Holder
PA156	.156 Prismatic Acrylic	250P	.250 Clear Polycarbonate			EDN	Electronic Driver Non-Dimming	2C	2 Circuit
PA187	.187 Prismatic Acrylic	375P	.375 Clear Polycarbonate			DALI	1% Dali Dimming Driver	WLH	Wet Location Hub (Supplied Separate)
SY	Symmetric Diffused DR Acrylic	CTG187	.187 Clear Tempered Glass			LEDE1	Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology	TPS	Torx Head with Center Pin Security Fasteners
S	Satin Acrylic	CTG250	.250 Clear Tempered Glass					AH	Allenhead with Center Pin Security Fasteners
		CTG375	.375 Clear Tempered Glass			LN	LED Night Light		
						AM	Anti-Microbial White Paint		
						JC10	Jack Chain 3pc @ 10' W/S Hooks		

Other options and configurations are available. Consult factory for details.

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ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE:	120/277VAC
SYSTEM INPUT POWER:	25.0 - 173.4 WATTS*
DELIVERED LUMEN OUTPUT:	1000 - 25000 LUMENS
STANDARD DIMMING CONTROL:	0-10V
CCT:	3000, 3500, 4000, 5000 KELVIN
CRI:	82 (MINIMUM)
LIFE TIME RATING:	>100,000 HRS @ L70
INPUT FREQUENCY:	50/60 HZ
POWER FACTOR:	>0.9
OPERATING TEMP:	-30° TO 50° C

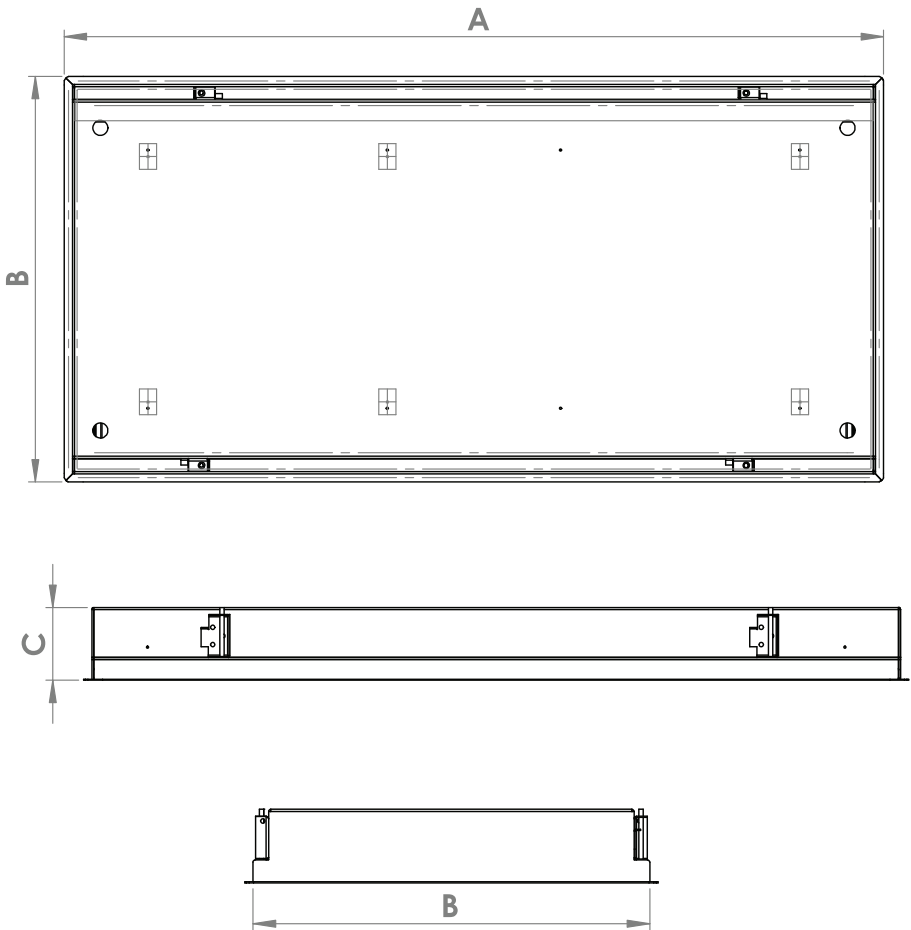
APPROXIMATE COLOR TEMPERATURE MULTIPLIER

5000K	X	1.03
4000K	X	1
3500K	X	.97
3000K	X	.94
2700K	X	.91

PART#	DELIVERED LUMENS	WATTS	L70 @20C (HRS)
4L	4000 LUMENS	25.0	>100K
7L	7000 LUMENS	43.8	>100K
11L	11000 LUMENS	68.8	>100K
12L	12000 LUMENS	75.0	>100K
15L	15000 LUMENS	93.8	>100K
16L	16000 LUMENS	100.0	>100K
20L	20000 LUMENS	125.0	>100K
25L	25000 LUMENS	173.4	>100K

*ACTUAL WATTAGE MAY DIFFER BY ±5% WHILE OPERATING 120/277V ±10%

DIMENSIONS



Size	A	B	C
1x4	47.75	11.75	4.27
2x2	23.77	23.83	4.27
2x4	47.75	23.64	4.27