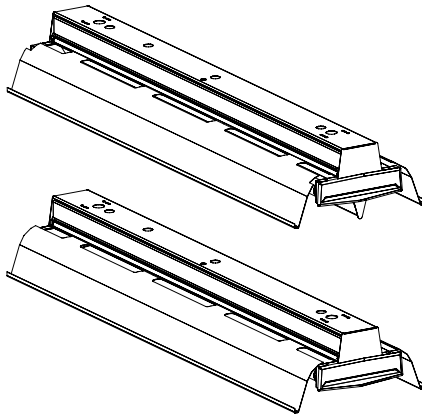




FEATURES

- Specification grade, heavy duty, one-piece steel housing
- Fully assembled, shipped in one carton
- Optional deep "V" reflector provides 35° crosswise shielding with T8 lamps and 39° shielding with T12 lamps (formerly known as "IM" Imperial)
- Available with 10% uplight or solid top for 100% downlight
- Optional full end plates
- Textile mill option eliminates upturned edges on the reflector to inhibit the accumulation of lint and dust
- White powder coat finish painted after fabrication
- Embossed ribs and aperture edges provide superior rigidity
- Spring loaded turret style sockets provide excellent lamp retention

PROJECT INFORMATION

Project Name _____

Type _____

Catalog No. _____

Date _____

CONSTRUCTION

Heavy steel housing with longitudinal reinforcing ribs for extra strength. Spring-loaded turret socket assemblies provide added security for vibration prone environments. Optional full depth endplates meet bottom of reflector, recommended for use with wireguard or baffle accessories.

FINISH

White painted parts are treated with a five-stage phosphate bonding process and finished with water fabrication with a minimum 90% reflective gloss baked enamel.

BALLASTS

Energy efficient, thermally protected, automatic resetting, Class P, high power factor integrated ballasts, unless otherwise specified. CE compliant.

ELECTRICAL

Standard class P, thermally protected, auto-resetting, H/F ballast, sound rated, NEMA Premium compliant, 100' max. lead length and a maximum of 6" through hole dimension. NEC/CEC compliant ballast wiring standard.

INSTALLATION

For surface or suspended installation. Mounting accessories may be purchased separately.

CERTIFICATION

All luminaires comply to UL 159 standards and bear appropriate UL and cUL ETL labels. Damp location labeling is standard. Emergency-equipped models are labeled UL 924.

ORDERING INFORMATION

EXAMPLE IC8-232-VR-EU-ICFC

IC	SIZE	NO. OF LAMPS IN CROSS SECTION	LAMP TYPE	REFLECTOR TYPE	BALLAST	VOLTAGE	OPTIONS
IC Premium Turret Industrial	4' 4" 8' 8"	2 Two 3 Three 4 Four	4' T8: 32W or 25W 8' T8: 32W or 25W	U Airtight 10% Uplight Reflector Solid Top 0% Uplight Reflector VR Deep V 25% Uplight Reflector (2 lamps only) TU 10% Uplight Textile Reflector TST ¹ Solid Top Textile Reflector	E Electronic Instant Start EP Electronic Rapid Start or Programmed Start 3E 3-Lamp Electronic T8, Instant Start 4E 4-Lamp Electronic T8, Instant Start 24E (1) 2-Lamp and (1) 4-Lamp Electronic T8, Instant Start	U 120V-277V 347 347V	ICFC Full End Caps ICNC No End Caps (Row mounting) BC1 Branch Circuit Wiring Single Circuit (For more branch circuit wiring options see page xxx) GLR Fast Blow Fuse GMF Slow Blow Fuse EL Emergency Battery Pack RIF Radio Interference Filter NYC NYC Compliant NYCU NYC Compliant, Union Label
ACCESSORIES (CODE)							
WG4	4' Wireguard						
IC12	Steel Downlight Reflector						
ICWB	White Cross Baffle Reflector						
ICVWB	White Cross Baffle Reflector						
ICRC	Row Mount Hanger						
ICBC	Box/Conduit Lamp Hanger						
ICCN	Channel Conduit						
ICHC	Chain Hanger Assembly						
ICAC	Reflector Aligner						
OS1360K	Occupancy/Daylight sensor kit, 120/277/347V, one relay, 360 Lens, snap on drop down adaptor, quick connect wiring ²						

¹ Not recommended for TU or TST reflectors.

² Use programmed start ballast. Not recommended for use with instant start. For more occupancy/daylight harvesting sensor accessories see Technical section.

PHOTOMETRIC DATA

Test HP05524 Test Date 1/16/04

LUMINAIRE DATA

Luminaire	IC4-232-VR-E IC Industrial 14" x 48" 2-Lamp with Apertured V Reflector E
Ballast	REL-2P32-SC
Ballast Factor	0.88
Lamp	F32T8
Lumens per Lamp	2900
Watts	64
Mounting	Surface
Shielding Angle	0° = 39 90° = 0
Spacing Criterion	0° = 1.25 90° = 1.38
Luminous Opening in Feet	Length: 4.06 Width: 1.10 Height: 0.38

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt.
0-30	1180	20.3	22.0
0-40	1964	33.9	36.6
0-60	3420	59.0	63.8
0-90	4103	70.7	76.5
0-180	5363	92.5	100.0

ENERGY DATA

Total Luminaire Efficiency	92.5%
Luminaire Efficacy Rating (LER)	FL-N/A
IESNA RP-1-1993 Compliance	Noncompliant
Comparative Yearly Lighting Energy Cost per 1000 Lumens	SN/A based on 3000 hrs. and \$0.08 per KWH

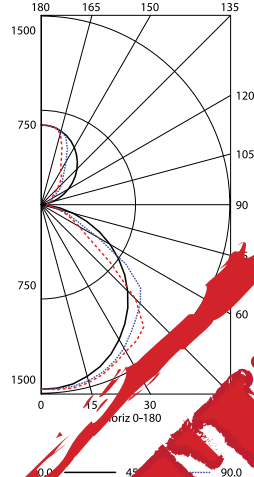
COEFFICIENTS OF UTILIZATION (%)

	RC	80					70					50					0
	RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	0	
RCR	1	96	92	88	85	91	88	85	82	80	78	75	60				
	2	88	81	75	70	83	77	72	68	70	66	63	51				
	3	80	71	64	59	76	68	62	57	62	57	53	43				
	4	74	63	56	50	70	61	54	48	56	50	45	37				
	5	68	56	49	43	64	54	47	42	50	44	39	32				
	6	62	51	43	37	59	49	42	36	45	39	34	28				
	7	58	46	38	33	55	44	37	32	41	35	30	25				
	8	54	42	34	29	51	40	33	28	37	31	27	22				
	9	50	38	31	26	48	37	30	25	34	28	24	20				
	10	47	35	28	24	45	34	27	23	32	26	22	18				

RCR = Room Cavity Ratio

RC = Effective Ceiling Cavity Reflectance RW = Wall Reflectance

INDOOR CANDELA PLOT



AVG. LUMINANCE (Candelas / M.)

Average Luminance Ang.	0.0	22.5	45.0	67.5	90.0
0	3523	3523	3523	3523	3523
30	3258	3258	3258	3063	3063
40	3163	3163	3163	3015	3015
45	3125	3125	2884	2853	2670
50	2993	2993	2813	2182	1891
60	2713	2671	2671	1467	1315
70	2271	2271	1627	1087	1050
80	1713	1713	1097	908	884
90	1363	1363	882	720	720
100	1103	1103	681	583	572
110	913	748	681	437	432
120	701	476	476	308	304

DIMENSIONAL DATA

