



FEATURES

- Available nominal 2', 3', or 4'
- Heavy die formed steel channel
- Rotary lock lampholders for positive lamp contact
- Individual or row mounting Surface or suspended
- Specially designed for use with T5 or T5HO lamps
- Narrow 2" strip
- KO's in end cap or back of housing for easier power hook up

PROJECT INFORMATION

Project Name _____

Type _____

Catalog No. _____

Date _____

CONSTRUCTION

Heavy gauge cold rolled steel housings fully assembled. Channel cover provides room-side access to ballast.

CERTIFICATION

All luminaires are built to UL 1598 standards and bear appropriate UL and CUL or CSA labels. Damp location labeling is standard. Emergency-equipped fixtures labeled UL 924.

FINISH

Painted parts are treated with a five stage phosphate bonding process and finished with a high reflectance baked white enamel.

ELECTRICAL

Standard class "P", thermally protected, auto-resetting HPF ballast, sound rated A. All ballast leads extend a minimum of 6" through access location. NEC/CEC-compliant ballast disconnect is standard.

ORDERING INFORMATION

EXAMPLE CN4-254-EPU

MODEL	SIZE	NO. OF LAMPS IN CROSS SECTION	LAMP TYPE	BALLAST	VOLTAGE	OPTIONS
CN T5 Channel	2 2' 3 3' 4 4' 8 8' (Two 4' channels tandem wired)	1 One 2 Two	14 2', T5: 14 Watt 24 2', T5HO: 24 Watt 21 3', T5: 21 Watt 39 3', T5HO: 39 Watt 28 4', T5: 28 Watt 54 4', T5HO: 54 or 51 Watt	EP Electronic T5, Programmed Start (Ballast will be determined by lamp type.) 4EP 4-Lamp Electronic T5HO, Programmed Start ¹	U 120V-277V 347 347V	GLR Fast Blow Fuse GMF Slow Blow Fuse PAF Paint After Fabrication EL Emergency Battery Pack

For a specific ballast vendor show as option.

ACCESSORIES (ORDER SEPARATELY)

- CNR_ Symmetric Reflector for 2', 3', 4'*
 CNRA_ Asymmetric Reflector for 2', 3', 4'*
 CNSAR_ Specular Symmetric Reflector for 2', 3', 4'*
 CNSARA_ Specular Asymmetric Reflector for 2', 3', 4'*

* Specify reflector length.
For additional options and accessories contact factory.

¹ 54 Watt Only, Not Available with 347V

PHOTOMETRIC DATA

LUMINAIRE DATA

Luminaire	CN4-254-EP-PAF CN Striplight 2" x 48" 2 Lamp Industrial Striplight
Ballast	PAV254T5M
Ballast Factor	1.00
Lamp	F54T5
Lumens per Lamp	4400
Watts	129
Spacing Criterion	0° = 1.25 90° = 1.52
Luminous Opening in Feet	Length: 4.00 Width: 0.17 Height: 0.00

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt.
0-30	1432	16.3	16.3
0-40	2431	27.6	27.7
0-60	4729	53.7	53.9
0-90	7272	82.6	82.8
90-120	1205	13.7	13.7
90-130	1384	15.7	15.8
90-150	1499	17.0	17.1
90-180	1507	17.1	17.2
0-180	8779	99.8	100.0

Test 12789 Test Date 1/8/03

ENERGY DATA

Total Luminaire Efficiency	99.8%
Luminaire Efficacy Rating (LER)	68
ANSI/IESNA RP-1-2004	Noncompliant
Compliance:	
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$3.53 based on 3000 hrs. and \$0.08 per KWH

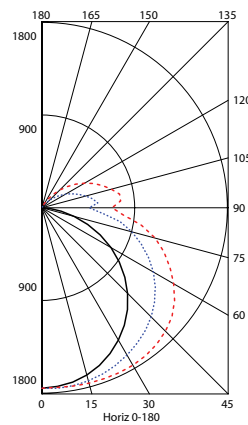
AVG. LUMINANCE (Candela/Sq. M.)

	0.0	22.5	45.0	67.5	90.0
0	27733	27733	27733	27733	27733
30	27106	28240	30159	31694	32261
40	26677	28681	32194	34839	35748
45	26281	29012	33534	36758	37922
50	25857	29527	35092	39229	40559
55	25252	30247	37064	41921	43356
60	24472	31215	39573	45114	46728
65	23335	32511	42699	49404	51351
70	21845	34712	47393	55816	58362
75	19755	38348	55167	66420	69600
80	17229	45579	70010	84960	89427
85	13985	65023	105526	134586	143668

COEFFICIENTS OF UTILIZATION (%)

RCR	RW	80				70				50				0
		70	50	30	10	70	50	30	10	50	30	10	0	0
1	102	96	90	86	97	92	87	83	84	80	77	63		
2	91	82	74	67	87	78	71	65	72	66	61	50		
3	82	71	61	54	78	68	59	53	62	55	50	40		
4	75	62	52	45	71	59	50	44	55	47	41	34		
5	68	55	45	38	65	53	44	37	48	41	35	28		
6	63	49	39	33	60	47	38	32	43	36	30	24		
7	58	44	35	28	55	42	34	28	39	32	26	21		
8	54	40	31	25	51	38	30	24	36	28	23	19		
9	50	36	28	22	48	35	27	22	33	26	21	17		
10	47	33	25	20	45	32	25	20	30	23	19	15		

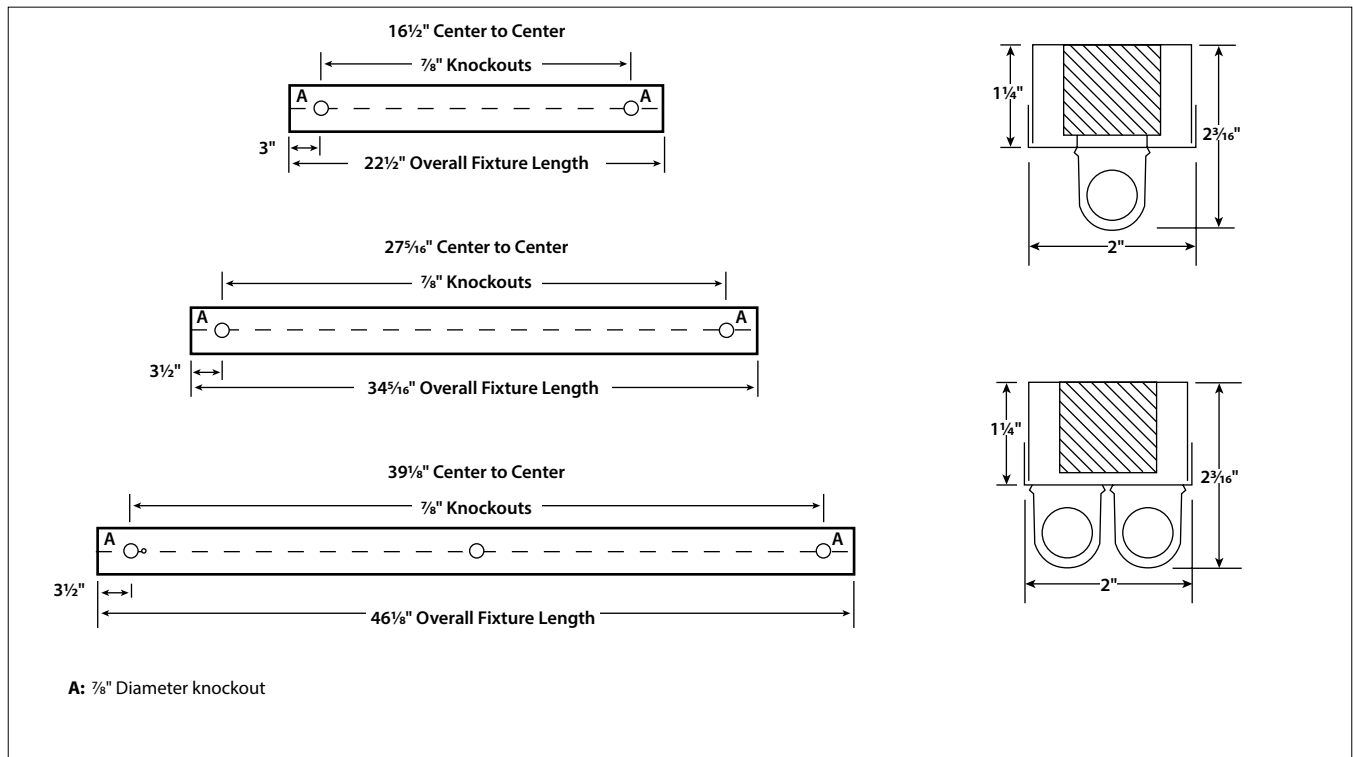
INDOOR CANDELA PLOT



RCR = Room Cavity Ratio

RC = Effective Ceiling Cavity Reflectance RW = Wall Reflectance

DIMENSIONAL DATA



NOTE: All dimensions are in inches; dimensions and specifications are subject to change without notice. Please consult factory or check sample for verification.