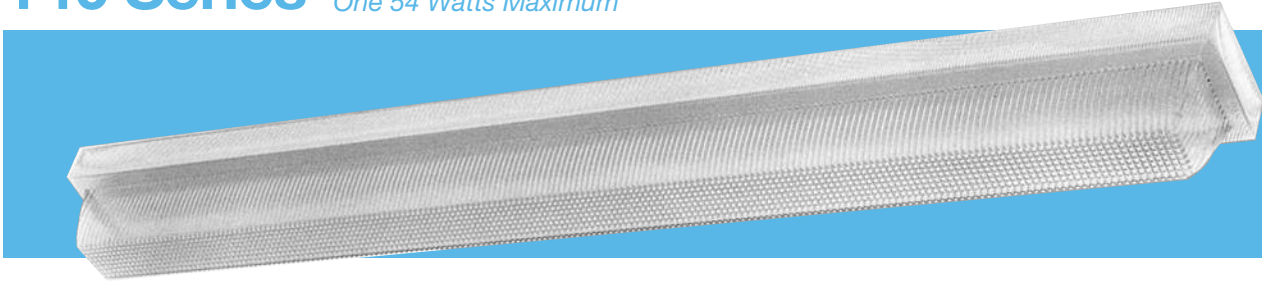


FLUORESCENT

140 Series *Rustproof Vandal-Resistant Ceiling Luminaire*
One 54 Watts Maximum

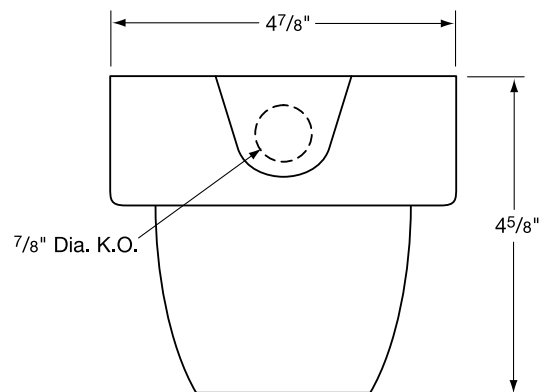


This fluorescent fixture combines optimal light distribution and energy efficiency with impact resistance in an aesthetically attractive design. Optional emergency battery system eliminates the need for special-purpose lighting. For indoor and protected outdoor uses, this luminaire is perfect for schools, hospitals, prisons and public, commercial and government buildings.

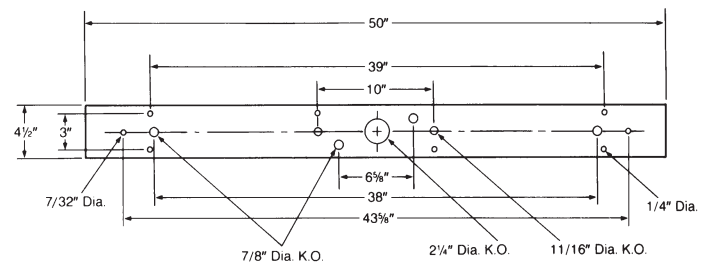
Specifications

Lens:	Pressure formed of UV-stabilized polycarbonate in average $\frac{1}{8}$ " thickness. Clear lens is enhanced with prisms engineered for maximum light control. End knockouts allow surface conduit or continuous row mounting.
Base Plate:	Die formed of 20-gauge steel with high reflectance white baked enamel finish applied after forming (Post Painted). Provided with end knockouts for $\frac{1}{2}$ " conduit. 16-gauge steel available as option.
Gasket:	Concealed polyethylene gasket is bonded to lens to create a tight seal against contaminants and moisture.
Wireway:	Tool-less tab attachment facilitates installation and removal of wireway channel.
Ballast:	Electronic, thermally protected Class P, energy-saving, High Power Factor ballast for 120V, 277V, or 347V. 40-FL-T12 Rapid-start 50°F. 32-FL-T8 Instant-start 0°F. 54-FL-T5-HO Program-start -20°F.
Lamp: (optional)	40-FL-T12, or 32-FL-T8, or 54-FL-T5-HO available.
Emergency Battery Pack: (optional)	Nickel cadmium battery is maintenance free with a life of 7-10 years and a 90-minute emergency operating time. Battery is charging during normal operations of fixture. During power interruption, lamp will switch to emergency operation. When A.C. power is restored, lamp is switched back to the ballast and the battery is recharged within 24 hours. Note: Can be wired to operate only during power interruption (see options). (See Emergency Fixture Information Sheet, Form 1568.)
Hardware:	Six stainless-steel philips head screws or optional Torx® type tamperproof screws with speed nuts are provided for lens attachment. Mounting hardware provided by others.

Dimensions



Base Plate Hole Pattern



ETL Listed For Wet Locations. (Covered Ceiling Installations only)

All polycarbonate components meet Underwriters Laboratories 746C tests for polymeric material and carry a flammability rating of 94HB or better on lenses and the superior 94-5V rating on housings.

Fixture Type _____
 Catalog Number _____
 Job Name _____
 Approval _____

WF Harris Lighting

Innovative Lighting Designs Since 1970

P.O. Box 5023, Monroe, NC 28111-5023, USA

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"A Live Operator Company Standing Ready to Serve Your Lighting Needs"

FLUORESCENT

Ordering Information (Fill In Blanks For Complete Catalog Number)

140 Model	CP Lens	Watts-Lamp	HPF Power Factor	Volts	Options
Model	Lens Color	Watts/Lamp	Power Factor	Volts	Options
140	CP-Clear Prismatic	40 FL-T12 32 FLT8 54 FLT5-HO	HPF	120 277 347 ¹ 120/277 ² 120-277 ³	

Options
LP-40-FL-T12, 32-FL-T8, or 54-FL-T5-HO
AL-Marine Grade Aluminum Base Plate
EM(1 Lamp)-One Lamp Operates Full Time and During Emergency. Standard Wet Location.
EMO(1 Lamp)-One Lamp Only Operates During Emergency. Standard Wet Location.
G16-16 Gauge Steel Base Plate
FS-Fuse and Holder
TPS-Stainless Steel Torx Type Tamperproof Screws with Speed Nuts

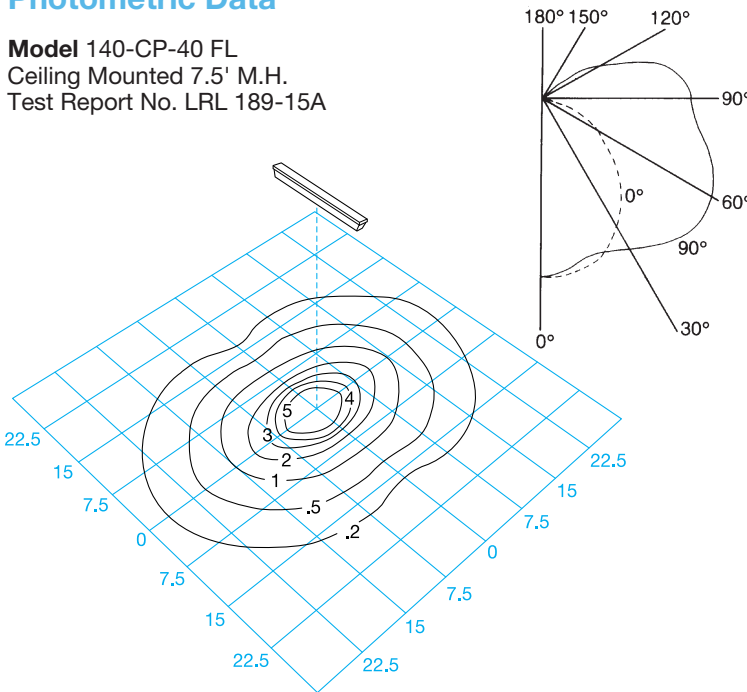


- ¹ Not Available with Emergency Option.
- ² Available for 32-FL-T8 Only.
- ³ Available for 54-FL-T5-HO Only

Accessories (Order Separately)
TPT-Tamperproof Screwdriver

Photometric Data

Model 140-CP-40 FL
Ceiling Mounted 7.5' M.H.
Test Report No. LRL 189-15A



Conversion Tables

Lamp	Lamp Conversion Factor	Mounting Height	Height Conversion Factor
40	1.00	10'	.56
32	.91	12'	.40
54	1.56	14'	.29

Using Conversion Table

TO ADJUST FC, USE FOLLOWING FORMULA WITH LAMP CONVERSION FACTOR (LCF) AND HEIGHT CONVERSION FACTOR (HCF):

- FC x LCF = FC with alternate lamp
- FC x HCF = FC at alternate height
- FC x LCF x HCF = FC with alternate lamp at alternate height

Specifications Subject to Change Without Notice

Fixture is Warranted to be Free of Defects in Materials and Workmanship for One Year From Invoice Date.

MADE IN USA

COEFFICIENTS OF UTILIZATION — ZONAL CAVITY METHOD EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

RC	80				70				50				30				10				0	
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
1	77	72	67	63	73	69	64	61	62	59	56	56	54	51	51	49	47	44				44
2	69	61	55	49	65	58	53	48	53	48	44	48	44	40	43	40	37	34				34
3	62	53	46	40	59	51	44	39	46	40	36	41	37	33	37	34	31	28				28
4	57	46	39	33	53	44	37	32	40	34	30	36	31	27	33	29	25	23				23
5	52	41	33	28	49	39	32	27	35	29	25	32	27	23	29	25	21	19				19
6	48	36	29	24	45	35	28	23	32	26	21	29	24	20	26	22	19	16				16
7	44	33	25	20	41	31	25	20	28	23	18	26	21	17	24	19	16	14				14
8	40	29	22	18	38	28	22	17	26	20	16	23	19	15	21	17	14	12				12
9	38	27	20	16	36	26	19	15	23	18	14	21	17	13	20	15	12	11				11
10	35	24	17	13	33	23	17	13	21	16	12	19	14	11	17	13	10	9				9

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