

Maximum versatility,
highly
efficient
and simple to use.

TU SERIES HO TURRET INDUSTRIAL



TURRET INDUSTRIAL HIGH OUTPUT FLAT REFLECTOR 48" AND 96" LENGTHS 2 LAMP HIGH OUTPUT T8 OR T12 LAMP

Rugged telescoping turret lamp holders. Optimum 6" lamp spacing (2 lamp). Reflector is embossed for rigidity. Reflector sides are turned up for rigidity and safe handling. 15% aperture reflector, standard. Solid top reflector, optional. Reflector secured to housing with easy to use thumb screws. 4⁵/₈" wide channel type housing. Fully enclosed wiring. Reflector row aligner included. Reflector post painted with 89% reflectance white polyester paint. Optional silver reflector.

Project: _____
Location: _____
Catalog No: _____
Fixture Type: _____
Mfg: _____ Lamps: _____ Qty: _____
Notes: _____

Ordering Guide

Explanation of Catalog Number Example: TU296H-120LE

Turret Industrial	Number of Lamps in a Luminaire Cross Section	Lamp/Fixture Length/Watts	Voltage	Ballast Type	Options
<input type="text" value="TU"/>	<input type="text" value="2"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Flat Reflector 4 ⁵ / ₈ " Wide x 2 ⁵ / ₈ " Deep Channel Housing	2 = 2 lamps	48H = Nominal 48" 60W T12 HO 96H = Nominal 96" 86W T8 HO or 110W T12 HO	UNV = 120/277V 120 = 120V 277 = 277V 347 = 347V	LE* Magnetic T12 Energy Saving SR Electronic RS T8 *Available only for 8' T12 HO. For 4' T12 HO leave blank.	Add Appropriate Suffix to Catalog No.

Features

- Rugged telescoping turret lampholders.
- Optimum 6" lamp spacing (2 lamp units).
- Reflector is embossed for rigidity.
- Reflector sides are turned up for rigidity and safe handling.
- 15% aperture reflector, standard.
- Solid top reflector, optional.
- Reflector secured to housing with easy to use thumb screws.
- 4½" wide clevis type housing channel.
- Fully enclosed wiring.
- Optional slide grip hangers.
- Optional heavy duty coupling, wire guards and reflector aligners.
- Optional silver reflector.
- Optional lens.

Specifications

Materials: Chassis parts are die-formed code gauge cold rolled steel, 2¹¹/₁₆" deep x 4⁷/₁₆" wide channel, grooved along the entire length for strength and rigidity.

Reflector: Heavy duty die-formed with deep lateral embossments for additional stability and uniformity with positive securing thumb screws for attachment to housing.

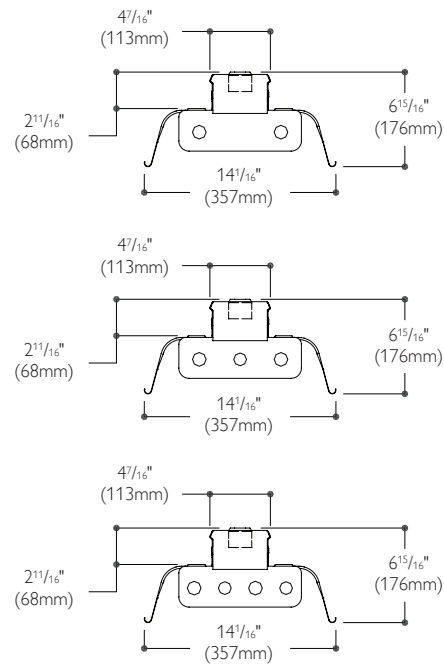
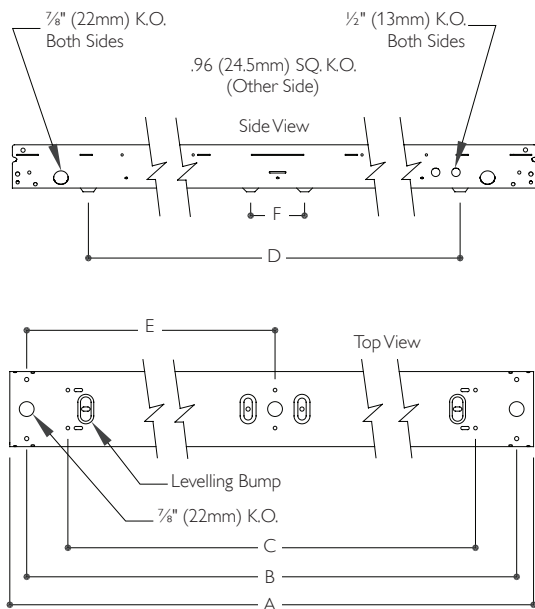
Finish: Chassis—baked white polyester enamel. Phosphate undercoating. Reflector—baked white polyester enamel (standard), porcelain reflector finish (optional).

Electrical: Rapid start HPF, thermally protected class "P" ballast C.B.M. certified by E.T.L. If K.O. is within 3" of ballast, use wire suitable for at least 90°.

Labels: Listed by CSA.

This product may have a mercury containing lamp. Manage in accord with Disposal Laws. See: www.lamprecycle.org

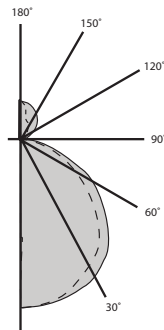
Dimensions



Nominal Length	A	B	C	D	E	F
96"	96" (2438mm)	93 ¹⁵ / ₁₆ " (2386mm)	89 ¹ / ₁₆ " (2262mm)	86 ¹⁵ / ₁₆ " (2208mm)	47" (1194mm)	3 ³ / ₁₆ " (81mm)
48"	48" (1219mm)	45 ¹⁵ / ₁₆ " (1167mm)	41 ¹ / ₁₆ " (1043mm)	38 ¹⁵ / ₁₆ " (989mm)	23" (584mm)	3 ³ / ₁₆ " (81mm)

Photometry

Report Number: 86107
Catalog No: TU296H-120LE
Lamp Type: F96T12/CW
Lumens per Lamp: 9150
Total Efficiency: 89.2%
CIE TYPE: Semi-Direct
Spacing Criteria: 1.3



Coefficients of Utilization

RF	20%			20%			20%			
RC	80%			50%			30%			
RW	70	50	30	50	30	10	50	30	10	
RCR	Zonal Cavity Method									
Room Cavity Ratio	1	95	91	87	82	79	77	77	75	73
	2	86	79	74	72	68	64	67	64	61
	3	79	70	63	64	58	54	60	55	52
	4	72	62	54	57	51	46	53	48	44
	5	66	55	47	50	44	39	47	42	37
	6	61	49	41	45	38	34	42	37	32
	7	56	44	36	40	34	29	38	32	28
	8	51	39	32	36	30	25	34	28	24
	9	47	35	28	32	26	22	31	25	21
	10	44	32	25	29	23	19	28	22	18

Options/Accessories



Stem and Canopy Sets:

Suspends luminaire 12", 18", 24", 36", 48" from surface and can be used in conjunction with Heavy Duty Slide Grip Hanger.

Catalog Number:

STKF12 (12"), **STKF18** (18"),
STKF24 (24"), **STKF36** (36"),
STKF48 (48").



Canopy Spacer (1½"):

Suspends luminaire approximately 1½" from surface.

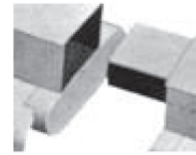
Catalog Number: **STSK**



Chain Hanger Kit:

Two 24" heavy duty link chains with sturdy "V" hooks that grip luminaires at four knockout points for level suspension.

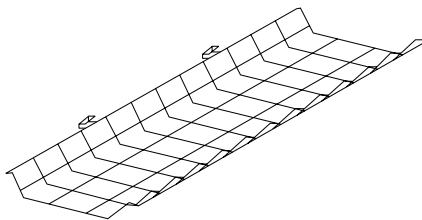
Catalog Number: **EE9HC**



Housing Row Couplers:

For continuous row mounting (stem/chain). One per joint required.

Catalog Number: **TU9PLC**



Wire Guards:

Hinge and latch positive-lock construction, complete with longitudinal and transverse struts for secure protection.

Catalog Number: **TU9G4**



Heavy Duty Slide-Grip Hanger:

Catalog Number: **EE9H3**



Reflector Row Aligners:

Tough plastic aligners for luminaire reflectors.

Catalog Number: **EE9RA**



© 2013 Koninklijke Philips N.V. All rights reserved.
Specifications are subject to change without notice.
www.philips.com/luminaires

Philips Lighting Company
200 Franklin Square Drive
Somerset, NJ 08873
Phone: 855-486-2216

Philips Lighting Company
281 Hillmount Road
Markham ON, Canada L6C 2S3
Phone: 800-668-9008