

UC 2x2 ft.

Low Profile Center Basket T5/T8

FEATURES & SPECIFICATIONS

INTENDED USE

Low profile dedicated to T5 or T8 lamping is ideal for shallow plenum spaces. Specification grade, direct / indirect center diffuser luminaire provides smooth and uniform ambient lighting for all commercial and industrial buildings with recessed configurations. Reflected light from matte surfaces provide a softened “sky light” appearance to the modern office environment. Choice of perforated basket or linear ribbed lens.

SIZE W x L x H in inches

23.68”W x 23.68”L x 3.25”D

LAMP

1, 2 or 3 lamp postions

MATERIALS & FEATURES

Housing is die-formed and embossed code 22 gauge steel. Luminaire body finish is high reflectance baked white enamel, with matte white re-flectors. Wiring knockouts are provided on the back of housing. Center diffuser snaps into place; no tools are required for removal. One diffuser is perforated to maintain even brightness, and provided with an internal, acrylic overlay to obscure lamps. Ribbed acrylic lens provides increased light output.

- Direct / indirect mimics “sky light” appearance
- Matte white reflective surfaces for soft, uniform light distribution
- Recessed perforated dual diffuser with acrylic overlay.



MOUNTING

Recessed inverted T-Bar ceilings. Grid mount.

LISTING

Fixture and Ballast: UL Listed.

Ballast: Thermally protected, class P, HPF, Non PCB.

TYPICAL OPTIONS AND ACCESSORIES

Emergency ballasts, whips, and lenses. See op-tions page at the end of the T02Grid section, or contact factory for more details.

POST PAINTED

ORDERING INFORMATION

Example: UCPF224MV

UC	PF	2	24	MV	
Series UC Low Profile Center Basket	Basket Style PF Perforated LR Linear Ribbed	Lamp Positions 1, 2 or 3 Lamps Not Included	Lamp Type [1] 14 22 in. T5 17 24 in. T8 24 22 in. T5HO 40BX Biaxial TT5 2611 4-pin 40W	Ballast & Voltage [1] E120 Electronic, 120V E277 Electronic, 277V MV Electronic, Multivolt (120-277) H120 (2) Electronic, 120V Hi-Lume H3277 (2) Electronic 277V Hi-Lume H MV (2) Electronic, Multivolt Hi-Lume G120 (3) Line Dimming, 120V G277 (3) Line Dimming 277 Volt GMV (3) Line or 0-10V dimming, Multivolt X1 Wired for Single Ended LED T8 Tubes X2 Wired for Double Ended LED T8 Tubes	Options [1] WP 6ft whip, 3/18ga WP10 6ft whip, 4/18ga EM Emergency ballast EM14 Emergency ballast, 1400 Lumens EM14 ballast required for T5, TT5 & T5HO Lamps

Notes:

[1] See end of T02Grid for many additional lamps, ballasts, finishes, and options.

[2] HiLume and multivolt dimming ballasts available for T8 lamps only.

[3] Dimming ballasts available for T8 & T5HO lamps only.

Catalog Number:

Notes:

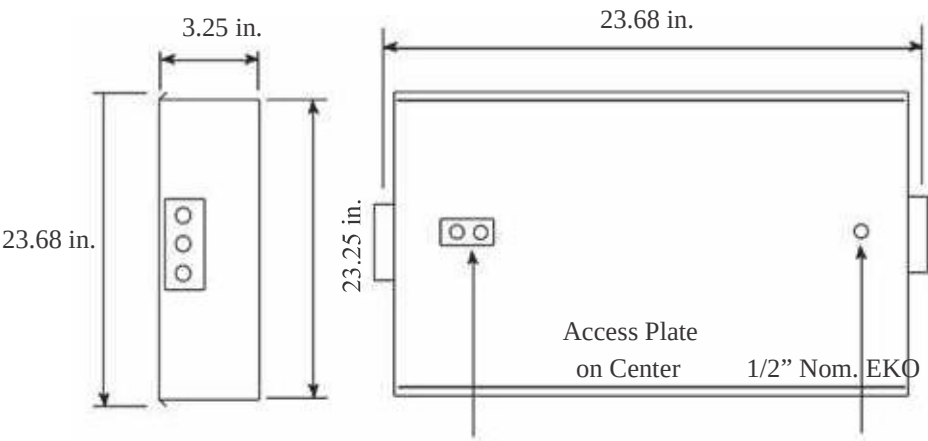
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DIMENSIONS

All dimensions are inches. Specifications subject to change without notice.



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Glare Evaluation According to UGR

pCeiling	70	70	50	50	30	70	70	50	50	30
pWalls	50	30	50	30	30	50	30	50	30	30
pFloor	20	20	20	20	20	20	20	20	20	20

Room Size		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
x	y										
2H	2H	16.9	18.3	17.2	18.5	18.8	18.3	19.7	18.6	20.0	20.7
	3H	18.6	19.9	18.9	20.1	20.4	27.1	22.4	21.4	22.6	22.9
	4H	19.2	20.4	19.6	20.7	21.0	22.2	23.4	22.6	23.7	24.0
	6H	19.7	20.8	20.0	21.1	21.4	22.8	23.9	23.2	24.2	24.5
	8H	19.8	20.9	20.1	21.2	21.5	22.9	24.0	23.2	24.3	24.6
	12H	19.8	20.9	20.2	21.2	21.5	22.9	23.9	23.2	24.2	24.6
4H	2H	17.9	19.1	18.2	19.4	19.7	19.0	20.2	19.3	20.5	20.8
	3H	19.9	21.0	20.3	21.3	21.6	21.9	23.0	22.3	23.3	24.9
	4H	20.8	21.7	21.2	22.0	22.4	23.2	24.1	23.6	24.5	24.9
	6H	21.3	22.1	21.7	22.5	22.9	23.9	24.7	24.3	25.1	25.5
	8H	21.5	22.2	21.9	22.6	23.0	24.0	24.8	24.5	25.2	25.6
	12H	21.5	22.2	22.0	22.6	23.1	24.0	24.7	24.5	25.1	25.6
8H	4H	21.5	22.2	21.9	22.6	23.0	23.5	24.3	24.0	24.7	25.1
	6H	22.2	22.9	22.7	23.2	23.7	24.3	25.0	24.8	25.4	25.8
	8H	22.4	22.9	22.9	23.4	23.9	24.9	25.0	25.0	25.5	26.0
	12H	22.5	23.0	23.0	23.4	23.9	24.6	25.0	25.0	25.5	26.0
12H	4H	21.6	22.2	22.0	22.6	23.1	23.5	24.2	24.0	24.6	25.1
	6H	22.3	22.9	22.8	23.3	23.8	24.4	24.9	24.9	25.4	25.9
	8H	22.6	23.0	23.1	23.5	24.0	24.5	25.0	25.1	25.5	26.0

Variation of the observer position for the luminaire distances S

S=1.0H +0.1/ -0.1

S=1.5H +0.3/ -0.3

S=2.0H +0.4/ -0.8

Standard table BK06 BK20

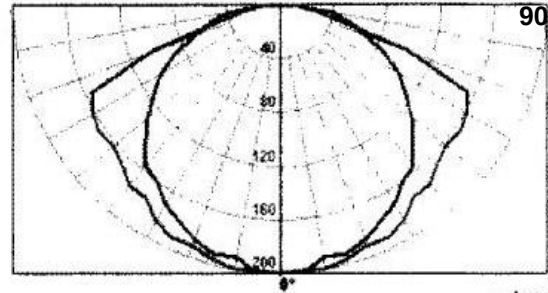
Correction -3.5 -1.0

Summand

Corrected Glare Indices referring to 1.00.00m Total Luminous Flux

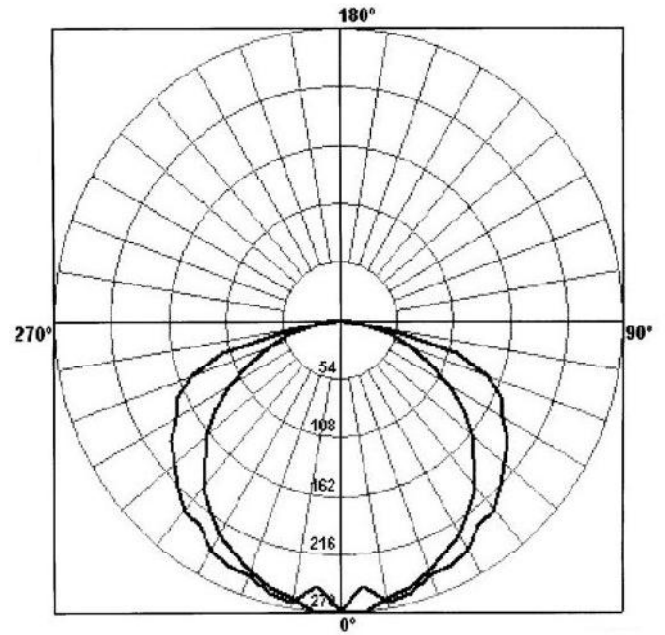
Photometrics Fixture Efficiency UCPF Series 60.4%
UCLR Series 88.2%

270°



Max: 200 cd/Klm

--- longitudinal
--- transversal



Certificate of Utilization

pfc=0.20

pcc	.8				.7				.5				.3				.1				0
pw R C R	.7	.5	.3	.1	.7	.5	.3	.1	.5	.3	.1	.5	.3	.1	.5	.3	.1	.5	.3	.1	0
0	106	106	106	106	103	103	103	103	99	99	99	95	95	95	91	91	91	89	89	89	89
1	96	91	87	84	94	89	86	82	85	82	80	82	80	77	79	77	75	73	73	73	73
2	86	79	72	66	84	77	71	66	74	68	64	71	66	63	68	64	61	59	59	59	59
3	78	68	60	54	76	67	59	54	54	58	53	61	56	52	59	55	51	49	49	49	49
4	71	60	51	45	69	59	51	45	56	49	44	54	48	43	52	47	43	41	41	41	41
5	65	53	44	38	63	52	44	38	50	43	38	48	42	37	46	41	37	35	35	35	35
6	60	47	39	33	58	47	39	33	45	38	32	43	37	32	42	36	32	30	30	30	30
7	55	43	35	29	54	42	34	29	41	34	28	39	33	28	38	32	28	26	26	26	26
8	51	39	31	25	50	38	31	25	37	30	25	36	30	25	35	29	25	23	23	23	23
9	48	36	28	23	47	35	28	23	34	27	23	33	27	22	32	26	22	21	21	21	21

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Glare Evaluation According to UGR										
pCeiling	70	70	50	50	30	70	70	50	50	30
pWalls	50	30	50	30	30	50	30	50	30	30
pFloor	20	20	20	20	20	20	20	20	20	20

Variation of the observer position for the luminaire distances S

S=1.0H +0.1/-0.1 +0.1/-0.1

S=1.5H +0.2/-0.3 +0.2/-0.2

S=2.0H +0.3/-0.6 +0.6/-0.5

Standard table BK07 BK05

Correction -4.0 -4.1

Summand

Corrected Glare Indices referring to 1.00.00m Total Luminous Flux

Room Size		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
x	y										
2H	2H	16.4	17.8	16.7	18.0	18.3	18.0	19.4	18.3	19.7	19.9
	3H	18.5	19.8	18.8	20.0	20.3	20.4	21.7	20.8	22.0	22.3
	4H	19.3	20.5	19.6	20.8	21.1	20.8	22.0	21.1	22.3	22.6
	6H	19.9	21.1	20.3	21.4	21.7	21.0	22.1	21.3	22.4	22.7
	8H	20.2	21.3	20.5	21.6	21.9	21.0	22.1	21.4	22.4	22.7
	12H	20.3	21.3	20.7	21.7	22.0	21.0	22.1	21.4	22.4	22.7
4H	2H	17.5	18.7	17.8	19.0	19.3	18.7	19.9	19.0	20.2	20.5
	3H	19.8	20.9	20.2	21.2	21.5	21.3	22.3	21.6	22.6	23.0
	4H	20.7	21.6	21.1	22.0	22.4	21.7	22.7	22.1	23.0	23.4
	6H	21.4	22.2	21.8	22.6	23.0	22.0	22.8	22.4	23.2	23.6
	8H	21.7	22.4	22.1	22.8	23.2	22.1	22.8	22.5	23.2	23.6
	12H	21.8	22.5	22.3	22.9	23.4	22.1	22.8	22.6	23.2	23.6
8H	4H	21.1	21.9	21.5	22.3	22.7	22.0	22.8	22.4	23.2	23.6
	6H	21.9	22.8	22.4	23.0	23.4	22.3	23.0	22.8	23.4	23.8
	8H	22.3	22.8	22.7	23.2	23.7	22.5	23.0	23.0	23.5	23.9
	12H	22.5	22.9	23.0	23.4	23.9	22.6	23.0	23.1	23.5	24.0
12H	4H	21.1	21.8	21.6	22.2	22.6	22.0	22.7	22.5	23.1	23.5
	6H	22.0	22.5	22.4	22.9	23.4	22.4	22.9	22.9	23.4	23.9
	8H	22.3	22.8	22.8	23.2	23.7	22.5	23.0	23.0	23.5	24.0

Certificate of Utilization																		
pfc=0.20																		
pcc	.8				.7				.5			.3			.1			0
pw R C R	.7	.5	.3	.1	.7	.5	.3	.1	.5	.3	.1	.5	.3	.1	.5	.3	.1	0
0	83	83	83	83	81	81	81	81	78	78	78	74	74	74	71	71	71	70
1	75	72	69	66	74	70	67	65	67	65	63	64	62	61	62	60	59	57
2	68	62	56	52	66	60	56	51	58	54	50	55	52	49	53	50	48	46
3	61	53	47	42	60	52	46	42	50	45	41	48	44	40	46	43	40	38
4	56	47	40	35	54	46	40	35	44	38	34	42	35	34	41	37	33	32
5	51	41	35	30	49	40	34	29	39	33	29	37	33	29	36	32	28	27
6	47	37	30	25	45	36	30	25	35	29	25	34	29	25	32	28	25	23
7	43	33	27	22	42	33	26	22	31	26	22	30	25	22	29	25	21	20
8	40	30	24	19	39	30	24	19	29	23	19	28	23	19	27	22	19	18
9	37	27	21	17	36	27	21	17	26	21	17	25	21	17	25	20	17	16
10	35	25	19	16	34	25	19	16	24	19	15	23	19	15	23	18	15	14

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