

FEATURES

- Contemporary aesthetics create visual interest
- Low profile nominal 1' x 4'
- Choice of perforated baskets or baffles inset in perforated baskets provide radiant illumination in a choice of aesthetic options
- Indirect components reflect light for a soft and even illumination on vertical and horizontal surfaces
- Direct lighting component enhances facial delineation
- Surface mounting standard. Cable mounting available
- 4' and 8' lengths facilitate single or in-row mounting
- Full product family includes Stratus® fully recessed units for applications where a complementary appearance is desired

PROJECT INFORMATION

Project Name _____

Type _____

Catalog No. _____

Date _____

CONSTRUCTION

Luminaire housing, end caps and reflector are die formed code gauge cold rolled steel. Reflector finished with matte white paint for a soft, uniform indirect illumination. Matte white light basket backed by opal acrylic overlay snaps securely into place and hinges down for ease of lamp replacement. Choice of perforated basket or aluminum straight blade baffle insets in perforated basket.

FINISH

All reflecting surfaces and visible parts are painted after fabrication with a custom formulated, non glare, high reflectivity white powder coat.

SHIELDING

Available with choice of open perforation steel metal basket backed by opal acrylic overlay or aluminum cross baffle center louver with side perforated panels with opal acrylic overlay to provide direct lighting component. Indirect component distributed from min. 90% reflective matte finished upper reflectors.

INSTALLATION

Fixture suitable for surface or aircraft cable mounting. Consult your sales representative for details on ordering hanger accessories.

BALLASTS

Energy efficient, thermally protected, automatic resetting, Class P, high power factor, sound rated A, magnetic or electronic ballasts. CEE NEMA Premium compliant.

ELECTRICAL

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

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.

ORDERING INFORMATION

EXAMPLE STP14-232MPO-ST-EU

STP		-		-		-	
MODEL	NO. OF LAMPS IN CROSS SECTION	SHIELDING		BALLAST		VOLTAGE	OPTIONS
STP Stratus® Surface or Pendant Mounted	2 Two	MPO Metal Perfw/Overlay	WCBMPO White Cross Baffle inset in perforated metal	E Electronic T8, Instant Start (Std.)	EP Electronic T5, Programmed Start (Std. T5/T5HO, optional T8)	U 120V-277V	GLR Fast Blow Fuse
		WPBMP White Perforated Cross Baffle inset in perforated metal		EHL Electronic T8, High Light Output Instant Start		347 347V	GMF Slow Blow Fuse
				ED Electronic dimming			EL Emergency Battery Pack (Small case size)
				For dimming and other specific ballast vendor show as option.			NYC NYC Compliant
							NYCU NYC Compliant, Union Label
SIZE	LAMP TYPE	REFLECTOR TYPE					
14 1' x 4'	28 4', T5: 28 Watt	ST Solid Top Reflector (Std.)					
18 1' x 8'	32 4', T8: 32, 30, 28 or 25 Watt	U Apertured Uplight Reflector					
	54 4', T5HO: 54 or 51 Watt						

ACCESSORIES (ORDER SEPARATELY)

CM24	24" Adjustable Cable Mounting Kit (Support Only)
CM48	48" Adjustable Cable Mounting Kit (Support Only)
CM24 SCF3	24" Adjustable Cable Mounting Kit with 3-Wire Powerfeed Cable
CM48 SCF3	48" Adjustable Cable Mounting Kit with 3-Wire Powerfeed Cable

Cable mounting kits are ordered and shipped separately from fixture. Other lengths are available on request.

PHOTOMETRIC DATA

Test 13544 Test Date 2/1/04

LUMINAIRE DATA

Luminaire	STP14-232-MPOWCB-E 1' x 4' 2-Lamp w/White Cross Baffle Louver and Perforated Side Baskets
Ballast	REL2P325C
Ballast Factor	0.87
Lamp	F32T8
Lumens per Lamp	2900
Watts	58
Mounting	Surface
Shielding Angle	0° = 90 90° = 90
Spacing Criterion	0° = 1.14 90° = 1.28
Luminous Opening in Feet	Length: 3.99 Width: 0.99 Height: 0.00

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt.
0-30	769	13.3	19.8
0-40	1250	21.5	32.2
0-60	2233	38.5	57.5
0-90	3306	57.0	85.1
90-120	565	9.7	14.6
90-130	570	9.8	14.7
90-150	573	9.9	14.7
90-180	577	10.0	14.9
0-180	3884	67.0	100.0

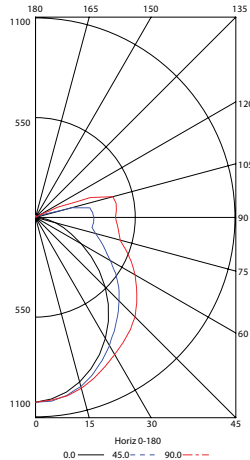
ENERGY DATA

Total Luminaire Efficiency	67.0%
Luminaire Efficacy Rating (LER)	58
IESNA RP-1-1993 Compliance	Noncompliant
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$4.14 based on 3000 hrs. and \$0.08 per KWH

COEFFICIENTS OF UTILIZATION (%)

RCR	RC	80				70				50				0
		RW	70	50	30	10	70	50	30	10	50	30	10	0
1	69	65	61	58	66	62	59	56	57	55	52	44	0	
2	62	55	50	46	59	53	49	45	49	45	42	35	0	
3	56	48	42	38	53	46	41	37	43	38	35	29	0	
4	51	43	36	32	49	41	35	31	38	33	29	25	0	
5	47	38	32	27	45	37	31	26	34	29	25	21	0	
6	43	34	28	23	41	33	27	23	31	26	22	18	0	
7	40	31	25	21	38	30	24	20	28	23	19	16	0	
8	37	28	22	18	36	27	22	18	25	21	17	14	0	
9	35	26	20	16	33	25	20	16	23	19	15	13	0	
10	33	24	18	15	31	23	18	15	22	17	14	12	0	

INDOOR CANDELA PLOT



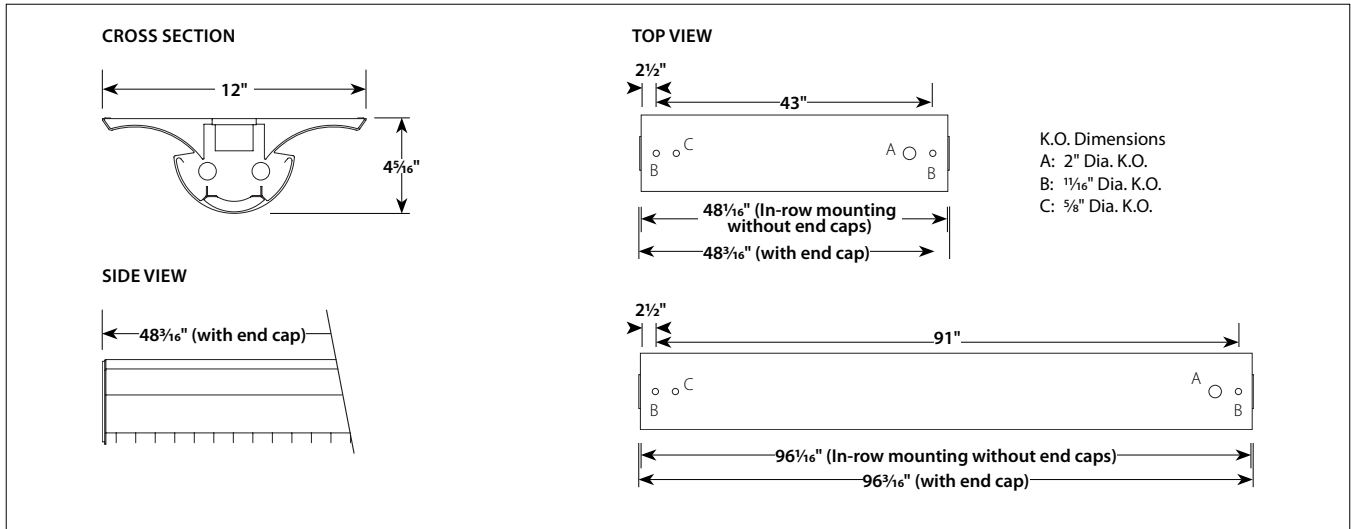
AVG. LUMINANCE (Candela/Sq. M.)

Average Luminance Angle	0.0	22.5	45.0	67.5	90.0
0	2777	2777	2777	2777	2777
30	2423	2476	2564	2668	2747
40	2220	2309	2508	2739	2885
45	2093	2220	2509	2813	2990
50	1946	2128	2539	2891	3090
55	1777	2043	2565	2979	3231
60	1586	1978	2600	3166	3455
65	1406	1941	2740	3437	3766
70	1315	1936	3044	3880	4239
75	1211	2085	3611	4675	5085
80	1083	2683	4959	6779	7313
85	938	4878	10068	13507	14133

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.