

Perfekta™ Series

Catalog Number	Type
Project Name	

Slotted Housing shown with Rounded End



Perforated Housing shown with Flat End

PFS01

10" x 2 7/8" Indirect
(T5 or T5HO Lamps)

S P E C I F I C A T I O N S

Housing

One-piece .080" thick extruded aluminum spine with die-formed 18 ga. CRS side panels. Die-cast aluminum end caps are secured to housing with no visible fasteners. Standard lengths are 4' and 8'. Provisions may be made for patterns and continuous rows of any length.

Finish

Standard and premium finishes are baked powder coat electrostatically applied (2.0 mil minimum thickness) to assure aesthetics and durability. Standard finish for stems and canopies is white.

Direct Optical Controls

■ (PF) Perforated sides. Die-formed steel side panels have 1/8" diameter holes on 7/32" staggered centers and are backed with dual translucent white acrylic overlays.

■ (SL) Slotted sides. Die-formed steel side panels have 1/8" wide slots on 1/2" centers and are backed with dual translucent white acrylic overlays.

Reflectors

Die-formed from .020" thick high reflectance specular aluminum.

Ballast

Standard ballasts for T5 and T5HO lamps are UL/CUL listed, Class P, HPF, electronic, universal 120/277volt, programmed rapid start with <10% THD.

Circuitry

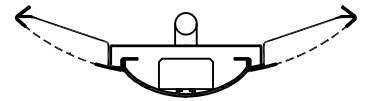
All fixtures are factory pre-wired for a single circuit. Provision for multiple switching/circuiting is optional.

Controls

Contact factory for control by Occupancy Sensors, Photo Controls and Daylight Harvesting.

Certification

All fixtures are UL/CUL listed for use in 'Dry Applications'. 'Damp Location' is optional.



Standard Lengths:
4' and 8'

Mounting

CN = Cable (Non-Tbar) Fully Adjustable (36" Standard)
P = Rigid Stem (Up to 48" Standard)
K = Swivel Stem (Up to 48" Standard)

Series
PFS01

PFS01-FE-8-CN-PF-F01M-V-T5HO-[]

End Cap
FE
Flat End
RE
Rounded End

Direct Optical Control
PF
Perforated Panel
SL
Slotted Panel

Standard Finishes
F01M Matte White
F01G Gloss White
Premium Finishes
F02 Ivory
F03 Stonewash
F04 Camel
F05 Gray Day
F06 Pebble Beach
F07 Steel
F08 Gray Seal
F09 Mocha
F10 Bronzed
F11 Black
F12 Ultrasonic Clear
F13 Merlot
F14 Red Skies
F15 Lemon
F16 Forest Hunter
F17 Olive
F18 Khaki
F19 Heather Green
F20 Blue Print
F21 Reflex Blue
F22 Navy
FCC Custom Color

Voltage
120
277
347

Lamp Type
T5
T5HO

Options

NLCKT
Separate Night Light Circuit
EMCKT
Separate Emergency Circuit
EBPL
Emergency Battery Pack (635-700 Lumens)
EBPH
Emergency Battery Pack (975-1325 Lumens)
Dim
Dimming
FS
Fused Ballasts
GTD
Generator Transfer Device

To view Wood Grain, Marble and Granite Finishes on our Website see "Products"--"Specialty Finishes".



PFS01

10" x 2 7/8" Indirect (T5HO Lamp)

Perforated Side Panels

Catalog Number: PFS01-FE-4-X-PF-F01G-120-T5HO

Report Number: LTL#05975.ies

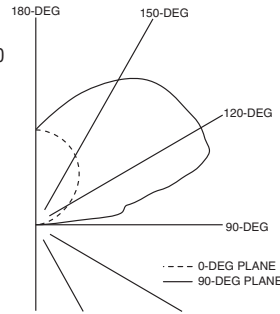
Luminaire Description: Extruded Aluminum Spine
With Steel Side Panels
Specular Aluminum Reflector
Open Top

Lamps: One Sylvania FP54/830/HO
Rated at 4400 Lumens

Total Luminaire Efficiency = 93.2%

99% Up 1% Down

RP-1 Compliant



CANDELA DISTRIBUTION LUMENS

	0.0	22.5	45.0	67.5	90.0	
0	14	14	14	14	14	
5	15	15	13	13	12	1
15	15	14	13	12	12	3
25	13	12	10	10	10	5
35	8	8	8	8	9	5
45	7	7	7	8	8	5
55	7	8	8	8	8	6
65	2	5	7	7	6	6
75	0	4	4	5	6	3
85	0	0	0	0	1	0
90	0	3	8	12	13	
95	16	168	303	324	332	253
105	96	446	736	767	762	611
115	187	529	842	1042	1124	761
125	279	583	872	1062	1130	722
135	364	611	887	1053	1105	635
145	435	620	838	991	1046	501
155	491	615	760	866	906	341
165	530	594	670	725	747	187
175	552	566	585	597	603	56
180	557	557	557	557	557	

Slotted Side Panels

Catalog Number: PFS01-FE-4-X-SL-F01G-120-T5HO

Report Number: LTL#05977.ies

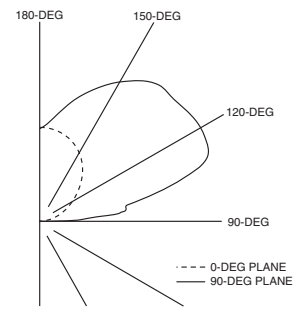
Luminaire Description: Extruded Aluminum Spine
With Steel Side Panels
Specular Aluminum Reflector
Open Top

Lamps: One Sylvania FP54/830/HO
Rated at 4400 Lumens

Total Luminaire Efficiency = 94.8%

99% Up 1% Down

RP-1 Compliant



CANDELA DISTRIBUTION LUMENS

	0.0	22.5	45.0	67.5	90.0	
0	10	10	10	10	10	
5	13	12	10	8	8	1
15	12	11	8	8	8	3
25	10	9	8	8	8	4
35	7	8	8	7	7	5
45	7	7	7	7	9	6
55	8	8	8	8	8	7
65	4	6	8	8	8	7
75	0	4	3	4	5	4
85	0	0	0	1	2	1
90	0	13	28	40	44	
95	23	203	339	396	408	284
105	100	449	759	839	857	648
115	195	529	848	1049	1119	764
125	290	581	875	1057	1124	722
135	375	610	883	1050	1099	635
145	450	623	832	980	1032	499
155	508	619	757	855	893	340
165	548	599	670	721	740	188
175	568	573	587	595	597	57
180	561	561	561	561	561	

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
0	89	89	89	89	76	76	76	76	52	52	52	30	30	30	10	10	10	1			
1	81	77	74	71	69	66	63	61	45	44	42	26	26	25	9	9	9	1			
2	74	67	62	58	63	58	53	50	40	37	35	23	22	21	8	7	7	1			
3	67	59	53	48	57	51	46	41	35	32	29	20	19	17	7	6	6	0			
4	61	52	45	40	52	45	39	35	31	27	25	18	16	15	6	6	5	0			
5	56	46	39	34	48	40	34	30	27	24	21	16	14	13	5	5	4	0			
6	51	41	34	29	44	35	30	25	24	21	18	14	12	11	5	4	4	0			
7	47	37	30	25	40	32	26	22	22	18	16	13	11	9	4	4	3	0			
8	43	33	26	22	37	28	23	19	20	16	14	12	10	8	4	3	3	0			
9	40	30	23	19	34	26	20	17	18	14	12	11	9	7	4	3	3	0			
10	37	27	21	17	32	23	18	15	16	13	11	10	8	6	3	3	2	0			

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
0	91	91	91	91	78	78	78	78	53	53	53	31	31	31	10	10	10	1			
1	82	79	75	72	70	67	65	62	46	45	43	27	26	25	9	9	9	1			
2	75	68	63	59	64	59	54	51	40	38	36	24	22	21	8	8	7	1			
3	68	60	54	49	58	52	46	42	36	32	30	21	19	18	7	7	6	0			
4	62	53	46	41	53	45	40	35	31	28	25	18	17	15	6	6	5	0			
5	57	47	40	35	48	40	34	30	28	24	21	16	14	13	6	5	4	0			
6	52	42	35	30	44	36	30	26	25	21	18	15	13	11	5	4	4	0			
7	48	37	30	26	41	32	26	22	22	19	16	13	11	10	4	4	3	0			
8	44	34	27	22	38	29	23	19	20	16	14	12	10	8	4	3	3	0			
9	41	30	24	19	35	26	21	17	18	15	12	11	9	7	4	3	3	0			
10	38	28	21	17	33	24	19	15	17	13	11	10	8	6	3	3	2	0			



Note: See Website for additional Photometric Reports.

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