

# Perfekta™ Series

Catalog Number	Type
Project Name	

Slotted Housing shown with Rounded End



Perforated Housing shown with Flat End

## PFS02

10" x 2 7/8" Indirect  
(T8, 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 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 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.

Standard ballasts for T8 lamps are UL/CUL listed, Class P, HPF, electronic, universal 120/277volt, instant start with <10% THD.

#### Circuitry

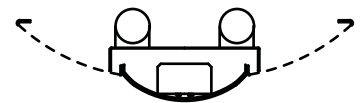
All fixtures are factory pre-wired for a single circuit. Provision for multiple switching/circuiting is optional.

#### 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  
PFS02

## PFS02-FE-8-CN-PF-F01M-V-T5HO-[ ]

**End Cap**  
FE  
Flat End  
RE  
Round 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  
T8

#### Options

SS-L/R (Left/Right) Lamp Row Switching (Common Neutral Utilized)  
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".



# PFS02

## 10" x 2 7/8" Indirect/Perforated Side Panels

### T8 Lamps (Specular Reflector)

Catalog Number: PFS02-FE-4-X-PF-F01G-120-T8

Report Number: LTL#05210.ies

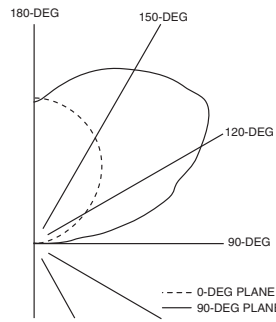
Luminaire Description: Extruded Aluminum Spine  
With Steel Side Panels  
Specular Aluminum Reflector  
Open Top

Lamps: Two Philips F32T8/TL841  
Rated at 2850 Lumens Each

Total Luminaire Efficiency = 89.4%

97% Up 3% Down

RP-1 Compliant



### CANDELA DISTRIBUTION LUMENS

	0.0	22.5	45.0	67.5	90.0	
0	43	43	43	43	43	
5	44	44	43	41	40	4
15	41	42	40	38	38	11
25	36	37	37	36	37	17
35	35	36	35	36	36	22
45	26	27	27	33	36	23
55	19	19	28	27	28	22
65	9	16	19	22	26	18
75	6	9	13	17	19	14
85	0	3	7	7	13	12
90	0	20	53	78	88	
95	28	176	231	262	273	228
105	150	493	651	731	747	610
115	310	655	962	1050	1071	828
125	464	770	1104	1311	1351	913
135	605	865	1123	1317	1391	831
145	721	923	1125	1259	1310	678
155	811	949	1091	1184	1220	490
165	875	941	1028	1078	1097	286
175	907	913	932	943	944	90
180	904	904	904	904	904	

### T5H0 Lamps (Specular Reflector)

Catalog Number: PFS02-FE-4-X-PF-F01G-120-T5H0

Report Number: LTL#05976.ies

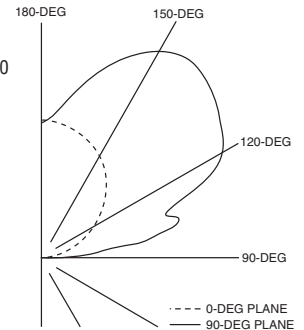
Luminaire Description: Extruded Aluminum Spine  
With Steel Side Panels  
Specular Aluminum Reflector  
Open Top

Lamps: Two Sylvania FP54/830/HO  
Rated at 4400 Lumens Each

Total Luminaire Efficiency = 96.4%

97% Up 3% Down

RP-1 Compliant



### CANDELA DISTRIBUTION LUMENS

	0.0	22.5	45.0	67.5	90.0	
0	61	61	61	61	61	
5	65	64	60	58	57	6
15	60	60	58	58	58	17
25	57	58	57	57	58	26
35	51	52	53	54	53	32
45	40	42	46	53	55	36
55	30	29	40	46	48	35
65	15	23	31	37	39	29
75	6	16	23	27	30	23
85	1	8	12	16	20	14
90	1	10	19	28	32	
95	39	364	444	455	457	393
105	220	804	961	1265	1390	998
115	450	1154	1549	1724	1730	1360
125	673	1403	1821	2043	2130	1494
135	876	1513	2038	2251	2312	1426
145	1049	1525	2021	2301	2386	1185
155	1182	1488	1850	2082	2164	822
165	1279	1418	1615	1748	1798	450
175	1327	1342	1381	1402	1408	133
180	1319	1319	1319	1319	1319	

### 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	86	86	86	86	74	74	74	74	51	51	51	30	30	30	11	11	11	3			3
1	78	74	71	68	67	64	61	59	44	43	41	26	26	25	10	10	9	2			2
2	71	65	60	55	61	56	52	48	39	36	34	23	22	21	9	8	8	2			2
3	65	57	51	46	55	49	44	40	34	31	29	20	19	17	8	7	7	1			1
4	59	50	44	39	50	43	38	34	30	27	24	18	16	15	7	6	6	1			1
5	54	44	38	33	46	38	33	29	27	23	20	16	14	13	6	5	5	1			1
6	49	39	33	28	42	34	29	24	24	20	18	14	12	11	5	5	4	1			1
7	45	35	29	24	39	31	25	21	21	18	15	13	11	9	5	4	4	1			1
8	42	32	25	21	36	27	22	18	19	16	13	12	10	8	4	4	3	1			1
9	39	29	23	18	33	25	20	16	17	14	12	11	9	7	4	3	3	1			1
10	36	26	20	16	31	23	18	14	16	13	10	10	8	6	4	3	2	0			0

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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	92	92	92	92	79	79	79	79	55	55	55	33	33	33	12	12	12	2			2
1	84	80	77	73	72	69	66	63	48	46	44	28	28	27	11	10	10	2			2
2	76	70	64	60	65	60	56	52	42	39	37	25	23	22	9	9	8	2			2
3	69	61	55	50	59	53	47	43	37	33	31	22	20	19	8	8	7	1			1
4	63	54	47	42	54	46	41	36	32	29	26	19	17	16	7	7	6	1			1
5	58	48	41	35	49	41	35	31	29	25	22	17	15	13	6	6	5	1			1
6	53	42	35	30	45	37	31	26	26	22	19	15	13	12	6	5	4	1			1
7	49	38	31	26	42	33	27	23	23	19	16	14	12	10	5	4	4	1			1
8	45	34	27	23	39	30	24	20	21	17	14	12	10	9	5	4	3	1			1
9	42	31	24	20	36	27	21	17	19	15	12	11	9	8	4	3	3	1			1
10	39	28	22	17	33	24	19	15	17	14	11	10	8	7	4	3	3	0			0



Note: See Website for additional Photometric Reports.

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