

# Perfekta™ Series

Catalog Number	Type
Project Name	

Slotted Housing shown with Rounded End



Perforated Housing shown with Flat End

## PFS03

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

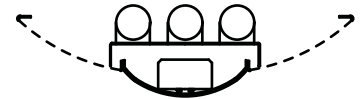
All fixtures are factory pre-wired for a single circuit. Provision for multiple switching/circuiting is optional.

#### 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  
PFS03

## PFS03-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-I/O (Inboard/Outboard) 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".



# PFS03

## 10" x 2 7/8" Indirect (T8 Lamps)

### Perforated Side Panels (Specular Reflector)

Catalog Number: PFS03-FE-4-X-PF-F01G-120-T8

Report Number: LTL#05211.ies

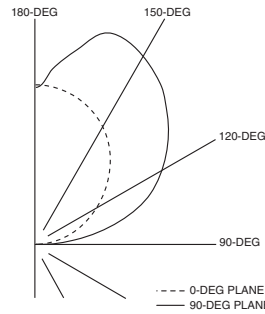
Luminaire Description: Extruded Aluminum Spine  
With Steel Side Panels  
Specular Aluminum Reflector  
Open Top

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

Total Luminaire Efficiency = 86.3%

98% Up 2% Down

RP-1 Compliant



### CANDELA DISTRIBUTION LUMENS

	0.0	22.5	45.0	67.5	90.0	
0	50	50	50	50	50	
5	51	51	52	50	49	5
15	50	50	48	47	46	14
25	44	44	43	44	44	20
35	36	36	37	38	39	24
45	28	30	32	36	40	26
55	19	23	29	33	34	25
65	9	18	25	27	27	21
75	1	9	15	17	19	15
85	2	2	11	27	34	25
90	0	34	84	122	136	
95	44	192	260	303	322	264
105	267	582	765	838	845	719
115	538	936	1117	1230	1269	1037
125	798	1294	1435	1539	1573	1219
135	1030	1600	1723	1794	1822	1262
145	1226	1725	1945	2003	2025	1143
155	1379	1724	2063	2138	2151	886
165	1484	1669	1870	1995	2043	519
175	1538	1566	1623	1653	1665	157
180	1537	1537	1537	1537	1537	

### Slotted Side Panels (Specular Reflector)

Catalog Number: PFS03-FE-4-X-SL-F01G-120-T8

Report Number: LTL#05215.ies

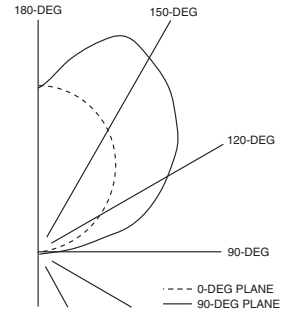
Luminaire Description: Extruded Aluminum Spine  
With Steel Side Panels  
Specular Aluminum Reflector  
Open Top

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

Total Luminaire Efficiency = 85.9%

98% Up 2% Down

RP-1 Compliant



### CANDELA DISTRIBUTION LUMENS

	0.0	22.5	45.0	67.5	90.0	
0	42	42	42	42	42	
5	42	42	43	42	40	4
15	42	42	40	40	40	11
25	36	37	37	37	36	17
35	32	33	34	34	33	21
45	25	25	26	34	36	23
55	17	21	27	33	34	23
65	8	17	21	25	26	20
75	3	11	15	18	19	14
85	1	2	9	22	32	24
90	0	29	81	122	137	
95	50	195	264	312	329	268
105	275	580	748	851	869	718
115	543	941	1111	1213	1250	1029
125	804	1299	1438	1540	1572	1221
135	1037	1594	1721	1806	1831	1264
145	1234	1688	1961	2004	2027	1141
155	1387	1696	2019	2152	2167	882
165	1492	1649	1844	1960	2006	512
175	1548	1567	1613	1643	1652	156
180	1541	1541	1541	1541	1541	

### 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	83	83	83	83	71	71	71	71	49	49	49	29	29	29	11	11	11	2			2
1	75	72	68	66	64	61	59	57	43	41	40	25	24	24	9	9	9	2			2
2	68	62	58	53	58	54	50	46	37	35	33	22	21	20	8	8	7	1			1
3	62	55	49	44	53	47	42	39	33	30	27	19	18	17	7	7	6	1			1
4	57	48	42	37	48	42	36	32	29	26	23	17	15	14	6	6	5	1			1
5	52	43	36	32	44	37	31	28	26	22	20	15	13	12	6	5	4	1			1
6	48	38	32	27	41	33	27	24	23	19	17	14	12	10	5	4	4	1			1
7	44	34	28	23	37	29	24	20	21	17	15	12	10	9	5	4	3	1			1
8	40	31	24	20	34	26	21	18	19	15	13	11	9	8	4	3	3	0			0
9	37	28	22	18	32	24	19	16	17	13	11	10	8	7	4	3	3	0			0
10	35	25	19	16	30	22	17	14	15	12	10	9	7	6	3	3	2	0			0

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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	82	82	82	82	71	71	71	71	49	49	49	29	29	29	10	10	10	2			2
1	75	71	68	65	64	61	59	56	42	41	39	25	24	23	9	9	9	1			1
2	68	62	57	53	58	53	49	46	37	35	32	22	21	20	8	7	7	1			1
3	62	54	49	44	53	47	42	38	32	30	27	19	18	16	7	6	6	1			1
4	56	48	42	37	48	41	36	32	29	25	23	17	15	14	6	6	5	1			1
5	52	42	36	31	44	37	31	27	25	22	20	15	13	12	5	5	4	1			1
6	47	38	31	27	40	33	27	23	23	19	17	14	12	10	5	4	4	1			1
7	44	34	28	23	37	29	24	20	20	17	14	12	10	9	4	4	3	0			0
8	40	30	24	20	34	26	21	18	18	15	13	11	9	8	4	3	3	0			0
9	37	28	22	18	32	24	19	15	17	13	11	10	8	7	4	3	2	0			0
10	35	25	19	16	30	22	17	14	15	12	10	9	7	6	3	3	2	0			0



Note: See Website for additional Photometric Reports.

Precision Architectural Lighting 4830 Timber Creek Drive Houston, Texas 77017

Tel 713.946.4343 Fax 713.946.4441 www.pal-lighting.com