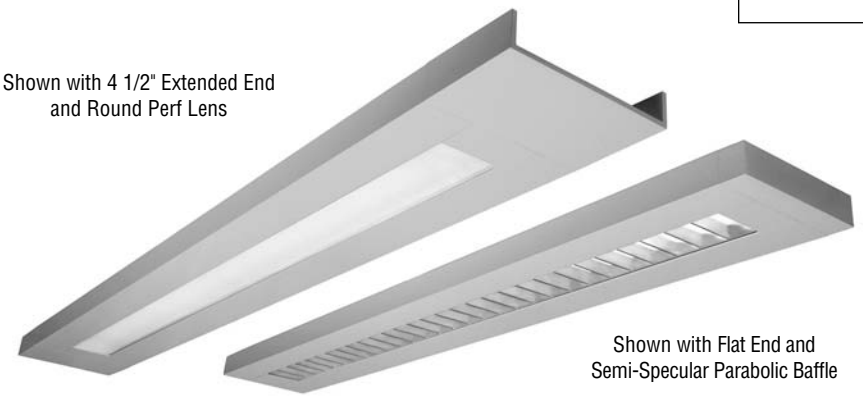
Catalog Number	Type
Project Name	

Delgada Series™



Shown with 4 1/2" Extended End and Round Perf Lens

Shown with Flat End and Semi-Specular Parabolic Baffle

DRS03

7¼" x 2" Indirect/Direct (T5 or T5HO Lamps)

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

Housing
Two-piece .080" thick extruded aluminum. Standard lengths are 4' and 8'. Provisions may be made for patterns and continuous rows of any length.

End Caps
- (FE) Flat End – .100" thick die-cast aluminum finished to match fixture housing and secured with no visible fasteners
- (XE) 4½" Extended End – .100" thick die-cast aluminum finished to match fixture housing and secured with no visible fasteners

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
- (PB) ¾" deep semi-specular aluminum parabolic baffle with blades on 1½" centers
- (PBW) ¾" deep white aluminum parabolic baffle with blades on 1½" centers
- (RDPL) .118" thick acrylic optical panel with .080" round openings on .110 centers (50% open area)
- (SQPL) .118" thick acrylic optical panel with .080" square openings on .110 centers (50% open area)

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

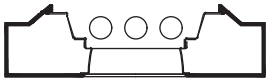
Ballast
Standard ballasts for T5 and T5HO lamps are UL/CUL listed, Class P, HPF, electronic, universal 120/277volt, programmed rapid start with <10% THD.

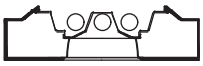
Circuitry
All fixtures are factory pre-wired for a single circuit. Provision for multiple switching/circuiting is optional.

Wiring
All fixtures intended for continuous rows are provided with factory installed quick-connect wiring.

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.





Shown with Optional Isolation Reflector (IR)

Series
DRS03

Standard Lengths:
4' and **8'**

Mounting
CT = Cable (15/16" Tbar) Fully Adjustable (36" Standard)
CN = Cable (Non-Tbar) Fully Adjustable (36" Standard)
P = Rigid Stem (Up to 48" Standard)
K = Swivel Stem (Up to 48" Standard)

DRS03-XE-8-CT-PB-F01M-V-T5HO-[ ]

End Caps
FE Flat End
XE 4 ½" Extended End

Direct Optical Controls
PB Semi-Specular Parabolic Baffle
PBW White Parabolic Baffle
RDPL Round Perf Lens
SQPL Square Perf Lens

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

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

Voltage
120
277
*347
*Contact Factory

Lamp Type
T5
T5HO

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
DC Clear Acrylic Dust Cover (N/A for T5HO)
AO Translucent White Acrylic Overlay above Baffle
IR Isolation Reflector

Precision Architectural Lighting 4830 Timber Creek Drive Houston, Texas 77017
Tel 713.946.4343 Fax 713.946.4441 www.pal-lighting.com

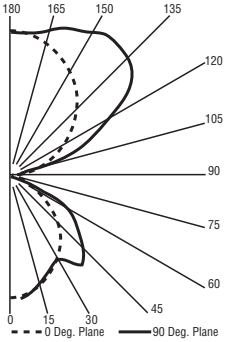
DRS03

Indirect/Direct - T5HO Lamps

Semi-Specular Baffle

Catalog Number: DRSO3-FE-4-CT-PB-FO1M-120-T5HO
Report Number: LTL#10600.ies
Luminaire Description: Extruded Aluminum Housing with Specular Aluminum Reflector and Semi-Specular Aluminum Baffle Open Top
Lamps: Three Philips F54T5/841/HO/ALTO Rated at 4400 Lumens Each

Total Luminaire Efficiency = 88.5%
65% Up 35% Down



CANDELA DISTRIBUTION **LUMENS**

	0.0	22.5	45.0	67.5	90.0	
0	1679	1679	1679	1679	1679	
5	1682	1671	1673	1660	1655	158
15	1575	1553	1535	1520	1521	434
25	1411	1366	1354	1377	1399	633
35	1199	1141	1169	1311	1457	779
45	950	922	1161	1341	1419	886
55	616	709	919	1008	1128	780
65	89	153	360	499	577	346
75	10	20	20	35	52	38
85	0	0	0	0	0	1
90	0	0	0	0	0	
95	64	93	27	7	7	75
105	331	670	559	498	484	568
115	664	1104	1308	1233	1192	1128
125	992	1359	1808	1937	1937	1462
135	1298	1545	1990	2225	2318	1460
145	1558	1703	2031	2282	2359	1248
155	1769	1828	2023	2168	2227	927
165	1918	1929	1998	2061	2084	566
175	1989	1987	2001	1996	1995	190
180	1995	1995	1995	1995	1995	

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

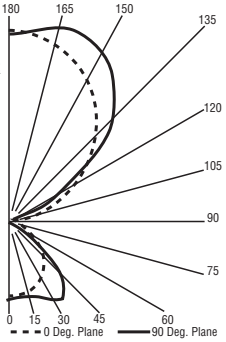
Effective Floor Cavity Reflectance 0.20

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	0
0	92	92	92	92	83	83	83	83	66	66	66	51	51	51	37	37	37	31
1	84	81	78	75	76	73	71	68	59	57	56	46	45	44	34	33	33	27
2	77	71	66	62	70	65	61	57	52	50	47	41	39	38	31	30	29	24
3	71	63	57	52	64	57	52	48	47	43	40	37	34	32	28	26	25	21
4	65	56	49	44	58	51	45	41	42	38	34	33	30	28	25	23	22	18
5	59	50	43	38	53	45	39	35	37	33	29	29	26	24	22	20	19	16
6	54	44	37	33	49	40	34	30	33	29	25	26	23	21	20	18	16	14
7	50	40	33	28	45	36	30	26	30	25	22	24	20	18	18	16	14	12
8	46	36	29	24	42	32	27	23	27	22	19	21	18	16	16	14	12	10
9	43	32	26	21	38	29	24	20	24	20	17	19	16	14	14	12	11	9
10	39	29	23	19	36	27	21	17	22	18	15	17	14	12	13	11	9	8

Semi-Specular Baffle - Isolation Reflector

Catalog Number: DRSO3-FE-4-CT-PB-FO1M-120-T5HO-IR
Report Number: LTL#10599.ies
Luminaire Description: Extruded Aluminum Housing with Specular Aluminum Reflector and Semi-Specular Aluminum Baffle with Isolation Reflector
Lamps: Three Philips F54T5/841/HO/ALTO Rated at 4400 Lumens Each

Total Luminaire Efficiency = 55.9%
74% Up 26% Down



CANDELA DISTRIBUTION **LUMENS**

	0.0	22.5	45.0	67.5	90.0	
0	752	752	752	752	752	
5	762	772	745	775	772	74
15	736	770	756	780	769	217
25	687	722	730	825	842	351
35	600	643	720	882	940	469
45	487	559	654	695	707	480
55	274	391	357	330	309	300
65	20	37	28	25	14	38
75	3	3	0	0	0	4
85	0	0	0	0	0	0
90	0	0	0	0	0	
95	38	5	4	3	0	10
105	310	260	73	16	7	143
115	626	747	531	346	277	515
125	956	1145	1107	937	865	914
135	1261	1452	1565	1518	1476	1137
145	1520	1654	1825	1872	1879	1104
155	1721	1792	1950	2021	2036	882
165	1866	1883	1960	2015	2030	553
175	1944	1938	1948	1942	1936	186
180	1945	1945	1945	1945	1945	

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	0
0	57	57	57	57	51	51	51	51	39	39	39	29	29	29	19	19	19	15
1	52	50	48	46	46	45	43	42	35	34	33	26	25	25	18	17	17	13
2	48	44	41	39	43	40	37	35	31	29	28	23	22	21	16	16	15	12
3	44	39	35	33	39	35	32	30	28	26	24	21	20	19	15	14	13	11
4	40	35	31	28	36	31	28	25	25	23	21	19	17	16	13	12	12	9
5	37	31	27	24	33	28	24	22	22	20	18	17	15	14	12	11	10	8
6	34	28	24	21	30	25	21	19	20	17	15	15	14	12	11	10	9	7
7	31	25	21	18	28	22	19	16	18	15	13	14	12	11	10	9	8	6
8	29	22	18	15	26	20	17	14	16	14	12	12	11	9	9	8	7	5
9	27	20	16	13	24	18	15	12	14	12	10	11	9	8	8	7	6	5
10	25	18	14	12	22	16	13	11	13	11	9	10	8	7	7	6	5	4

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