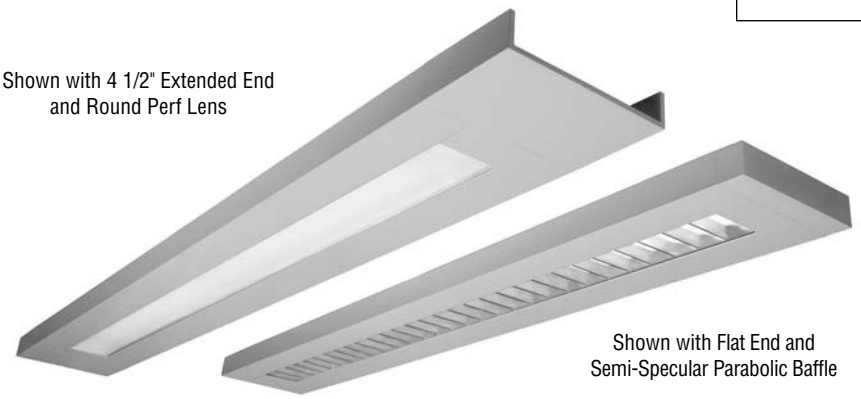
Catalog Number	Type
Project Name	

Delgada Series™

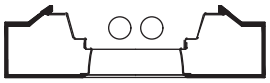


Shown with 4 1/2" Extended End and Round Perf Lens

Shown with Flat End and Semi-Specular Parabolic Baffle

DRS02

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.

Series
DRS02

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)

DRS02-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-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
DC Clear Acrylic Dust Cover
AO Translucent White Acrylic Overlay above Baffle

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

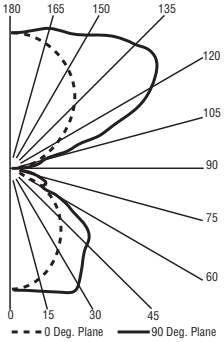
DRS02

Indirect/Direct - T5HO Lamps

Semi-Specular Baffle

Catalog Number: DRSO2-FE-4-CT-PB-FO1M-120-T5HO
Report Number: LTL#10334.ies
Luminaire Description: Extruded Aluminum Housing with Specular Aluminum Reflector and Semi-Specular Aluminum Baffle Open Top
Lamps: Two Philips F54T5/841/HO/ALTO Rated at 4400 Lumens Each

Total Luminaire Efficiency = 85.8%
64% Up 36% Down



CANDELA DISTRIBUTION **LUMENS**

	0.0	22.5	45.0	67.5	90.0	
0	1002	1002	1002	1002	1002	
5	996	996	1004	1000	1003	95
15	937	947	987	1017	1036	279
25	843	875	990	1110	1148	457
35	716	794	960	1002	1036	567
45	561	702	776	818	882	585
55	353	503	576	633	683	489
65	52	98	195	240	291	191
75	10	13	18	36	52	36
85	2	2	2	2	3	3
90	1	1	2	2	2	
95	44	65	17	11	12	54
105	191	519	494	365	339	442
115	377	676	1027	1106	1091	866
125	562	758	1152	1408	1488	968
135	731	862	1147	1374	1460	867
145	877	967	1110	1281	1349	702
155	995	1046	1129	1190	1215	517
165	1078	1097	1138	1167	1178	321
175	1120	1115	1123	1124	1123	107
180	1116	1116	1116	1116	1116	

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

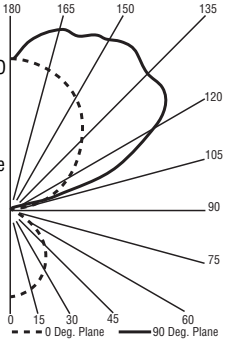
Effective Floor Cavity Reflectance 0.20

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	89	89	89	89	81	81	81	81	65	65	65	50	50	50	37	37	37	31
1	82	78	75	73	74	71	69	66	58	56	54	45	44	43	34	33	33	27
2	75	69	65	61	68	63	59	56	51	49	46	41	39	37	31	30	29	24
3	69	61	56	51	62	56	51	47	46	42	40	36	34	32	28	26	25	21
4	63	55	48	43	57	50	44	40	41	37	34	33	30	28	25	23	22	18
5	58	48	42	37	52	44	39	34	36	32	29	29	26	24	22	20	19	16
6	53	43	37	32	48	40	34	30	33	28	25	26	23	21	20	18	16	14
7	49	39	32	28	44	35	30	26	29	25	22	23	20	18	18	16	14	12
8	45	35	28	24	41	32	26	22	26	22	19	21	18	16	16	14	12	10
9	41	31	25	21	37	29	23	19	24	19	16	19	16	14	14	12	11	9
10	38	28	22	18	35	26	21	17	21	17	14	17	14	12	13	11	9	8

Acrylic Optical Panel

Catalog Number: DRSO2-FE-4-CT-SQPL-FO1M-120-T5HO
Report Number: LTL#10338.ies
Luminaire Description: Extruded Aluminum Housing with Specular Aluminum Reflector with Frosted Patterned Acrylic Enclosure Open Top
Lamps: Two Philips F54T5/841/HO/ECO/ALTO Rated at 4400 Lumens Each

Total Luminaire Efficiency = 84.8%
76% Up 24% Down



CANDELA DISTRIBUTION **LUMENS**

	0.0	22.5	45.0	67.5	90.0	
0	731	731	731	731	731	
5	730	727	729	724	724	69
15	695	692	696	693	694	196
25	625	624	630	629	630	289
35	528	529	535	535	535	333
45	417	417	421	420	419	324
55	302	302	303	299	297	270
65	194	193	191	186	184	188
75	96	95	91	86	84	96
85	24	22	18	15	15	22
90	2	1	1	0	0	
95	64	61	11	13	13	52
105	269	562	464	349	323	444
115	485	808	1118	1119	1075	934
125	689	994	1277	1515	1590	1102
135	866	1137	1444	1568	1622	1044
145	1014	1278	1481	1629	1696	900
155	1133	1339	1489	1571	1624	668
165	1217	1339	1468	1530	1554	405
175	1260	1268	1316	1344	1353	127
180	1250	1250	1250	1250	1250	

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	86	86	86	86	76	76	76	76	58	58	58	42	42	42	27	27	27	20
1	78	75	72	69	69	67	64	62	51	50	48	37	36	35	24	24	23	18
2	71	66	61	57	63	59	54	51	45	43	40	33	31	30	22	21	20	15
3	65	58	52	47	58	52	47	43	40	37	34	29	27	26	20	18	17	13
4	60	51	45	40	53	46	40	36	36	32	29	26	24	22	18	16	15	11
5	55	45	39	34	48	41	35	31	32	28	25	23	21	19	16	14	13	10
6	50	40	34	29	44	36	31	27	28	24	22	21	18	16	14	13	11	9
7	46	36	30	25	41	33	27	23	26	22	19	19	16	14	13	11	10	8
8	43	33	26	22	38	29	24	20	23	19	16	17	14	13	12	10	9	7
9	39	30	23	19	35	27	21	18	21	17	14	16	13	11	10	9	8	6
10	37	27	21	17	33	24	19	16	19	15	13	14	12	10	10	8	7	5

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