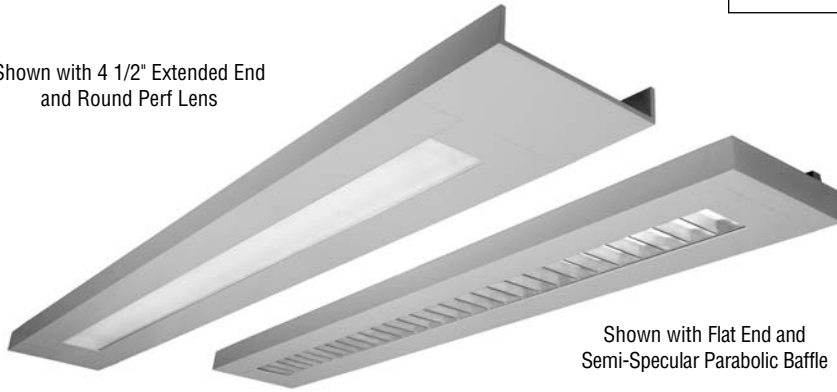


# Delgada Series™

Catalog Number	Type
Project Name	

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



Shown with Flat End and Semi-Specular Parabolic Baffle

## DRP02

7 3/4" 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 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) 4 1/2" 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.

#### Direct Optical Controls

- (PB) 3/4" deep semi-specular aluminum parabolic baffle with blades on 1 1/2" centers
- (PBW) 3/4" deep white aluminum parabolic baffle with blades on 1 1/2" 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

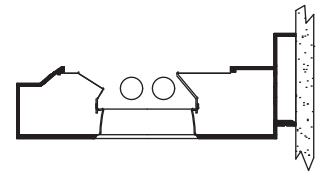
All fixtures intended for continuous rows are provided with factory installed quick-connect wiring.

#### 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  
DRP02

Standard Lengths:

4' and 8'

Mounting

W = Wall

**DRP02-FE-8-W-PB-F01M-V-T5HO-[]**

#### End Caps

**FE**  
Flat End  
**XE**  
4 1/2" 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

#### 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



# DRP02

## Indirect/Direct - T5HO Lamps

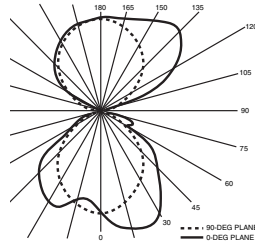
### Semi-Specular Baffle

**Catalog Number:** DRP02-FE-4-W-PB-F01M-120-T5HO  
**Report Number:** LTL#10342.ies

**Luminaire Description:** Extruded Aluminum Housing with Specular Aluminum Reflector and Semi-Specular Aluminum Baffle Open Top

**Lamps:** Two Philips F54T5/841/HO Rated at 4400 Lumens Each

Total Luminaire Efficiency = 82.9%  
 54% Up 46% Down



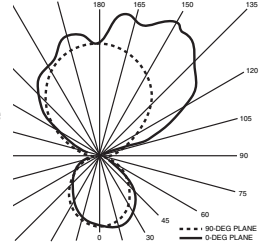
### Acrylic Optical Panel

**Catalog Number:** DRP02-FE-4-W-SQPL-F01M-120-T5HO  
**Report Number:** LTL#10596.ies

**Luminaire Description:** Extruded Aluminum Housing with Specular Aluminum Reflector with Frosted Patterned Acrylic Enclosure Open Top

**Lamps:** Two Philips F54T5/841/HO Rated at 4400 Lumens Each

Total Luminaire Efficiency = 78.2%  
 69% Up 31% Down



CANDELA DISTRIBUTION										LUMENS										
	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0		0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	
0	1310	1310	1310	1310	1310	1310	1310	1310	1310	0	818	818	818	818	818	818	818	818	818	
5	1401	1388	1373	1332	1298	1260	1242	1217	1216	124	837	836	838	821	818	802	798	789	784	77
15	1534	1507	1440	1324	1222	1117	1096	1141	1160	361	857	853	840	806	783	763	747	742	732	223
25	1599	1548	1416	1271	1100	978	1141	1314	1354	589	822	819	802	754	715	684	675	672	671	338
35	1339	1333	1334	1153	936	912	1151	1221	1267	730	732	725	704	655	612	585	586	595	595	400
45	1008	1000	1007	961	737	837	960	1033	1104	734	598	583	564	523	478	458	468	474	472	395
55	789	759	671	659	471	610	683	719	737	588	429	418	404	376	344	328	337	341	338	327
65	414	331	236	120	73	111	214	250	288	225	265	254	251	233	214	200	206	206	204	222
75	60	35	21	17	13	15	19	37	49	38	117	114	112	104	102	92	89	86	79	109
85	9	7	6	4	4	4	4	4	4	5	20	22	16	20	16	15	9	7	3	18
90	5	5	3	2	1	1	1	0	0		0	0	0	0	0	0	0	0	0	
95	25	35	31	74	47	7	1	0	0	35	38	63	57	95	39	0	0	0	0	45
105	337	396	447	435	202	230	13	9	11	258	429	491	506	503	244	273	213	3	0	325
115	855	890	848	665	392	415	435	364	278	555	933	999	971	821	464	494	512	499	507	676
125	1197	1192	1105	769	582	591	644	646	659	721	1365	1344	1241	1040	672	697	725	764	784	845
135	1420	1368	1160	883	757	764	787	817	849	740	1566	1578	1444	1139	863	938	958	933	948	882
145	1382	1298	1142	1000	907	915	926	934	957	650	1724	1668	1538	1331	1024	1174	1070	1126	1152	813
155	1261	1226	1171	1087	1029	1046	1045	1044	1062	509	1703	1605	1506	1500	1156	1305	1324	1218	1231	641
165	1230	1216	1188	1139	1112	1121	1160	1126	1137	326	1624	1638	1633	1476	1251	1320	1417	1430	1441	413
175	1178	1175	1173	1159	1157	1155	1163	1160	1161	111	1514	1452	1417	1343	1293	1292	1324	1347	1344	133
180	1161	1161	1161	1161	1161	1161	1161	1161	1161		1299	1299	1299	1299	1299	1299	1299	1299	1299	

### 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	50	30	10	50	30
0	88	88	88	88	81	81	81	81	68	68	68	55	55	55	44	44	44	39								
1	81	78	75	73	75	72	70	67	61	59	57	50	49	48	40	40	39	34								
2	75	69	65	61	69	64	60	57	54	51	49	45	43	41	37	35	34	30								
3	69	62	56	52	63	57	52	49	49	45	42	41	38	36	33	32	30	27								
4	63	55	49	44	58	51	46	42	43	39	36	36	34	31	30	28	26	23								
5	58	49	43	38	53	45	40	36	39	35	31	33	29	27	27	25	23	20								
6	53	44	37	33	49	41	35	31	35	30	27	29	26	24	24	22	20	18								
7	49	39	33	28	45	36	31	27	31	27	24	26	23	21	22	19	17	15								
8	45	35	29	25	41	33	27	23	28	24	20	24	20	18	20	17	15	13								
9	42	32	25	21	38	29	24	20	25	21	18	21	18	15	18	15	13	11								
10	39	29	23	19	35	27	21	18	23	19	16	19	16	14	16	13	12	10								

### 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	50	30	10	50	30
0	80	80	80	80	72	72	72	72	57	57	57	43	43	43	30	30	30	24								
1	73	70	67	65	66	63	61	59	50	49	47	38	37	36	27	26	26	21								
2	67	62	57	53	60	56	52	49	44	42	39	34	32	31	24	23	22	18								
3	61	54	49	45	55	49	45	41	39	36	33	30	28	26	22	20	19	16								
4	56	48	42	38	50	44	39	35	35	31	29	27	24	23	19	18	17	13								
5	51	43	37	32	46	39	33	30	31	27	24	24	21	19	17	16	14	12								
6	47	38	32	28	42	35	29	26	28	24	21	22	19	17	16	14	13	10								
7	43	34	28	24	39	31	26	22	25	21	18	19	17	15	14	12	11	9								
8	40	31	25	21	36	28	23	19	23	19	16	17	15	13	13	11	10	8								
9	37	28	22	18	33	25	20	17	20	17	14	16	13	11	11	10	8	7								
10	34	25	20	16	31	23	18	15	19	15	12	14	12	10	10	9	7	6								

