

P26-DI DESCRIPTION



Catalog #	Type
Project	
Comments	
Prepared by	Date

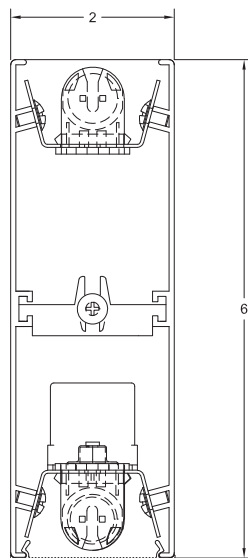
Prime family puts DESIGN back into your projects • Prime 26-DI is an innovative, small scale modular lighting system • Prime 26-DI is designed around energy efficient T5 and T5HO lamps for maximum performance • Unique connectors allow for a multitude of design options • ORBIT™ allows straight, 90°, "T" and "X" designs • CYLINDER™ is designed for linear applications giving you the additional ability to adjust the pitch of the fixture by 15° increments

P26-DI SPECIFICATIONS

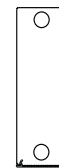
- CONSTRUCTION** 6063-T5 extruded aluminum housing. Connectors are die-cast aluminum.
- MOUNT** Fully adjustable stainless steel aircraft cable kits
- OPTICS** High performance white hybrid powder coat applied to an optically optimized reflector system. Extruded aluminum .075 thick snap in high reflectance white louver with integral clear lens tethered to housing. Additional lenses available.
- ELECTRICAL** Pre-wired with factory installed branch circuit wiring and over molded quick connects. SJT white power cord capable of carrying two independent circuits. UL listed class "P" thermally protected universal voltage electronic ballast with less than 10% THD.

- FINISH** Standard housing finished in ICON white powder coat applied over a 5-stage corrosion inhibiting pretreatment. Alternate finishes and transparent color over bonded chrome finish available. Consult factory.
- APPLICATIONS** Open and Private Office, Conference, Lobby, Reception, Corridor, Educational Facility, Library, Museum, Retail, Supermarket, Food Service.
- FAMILY OPTIONS**
- PENDANT** Direct, Indirect, Direct/Indirect, Track, Pass-Through, and Asymmetrical. Housing Size- 2'x 3", 2'x 6", 4'x 4"
- RECESSED** Ceiling, Track, and Asymmetrical.
Housing Size- 2'x 3", 4'x 4"
- WALL MOUNT** Direct, Indirect, Direct/Indirect, Track, Pass-Through, and Asymmetrical. **Housing Size-** 2'x 3", 2'x 6", 4'x 4"

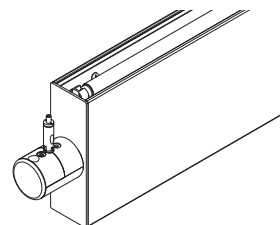
P26-DI LAMP CONFIGURATIONS



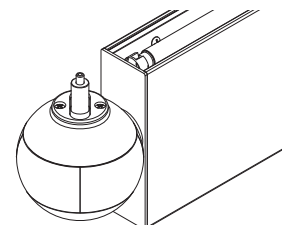
CROSS SECTION



I T5/ IT5HO



CYLINDER CONNECTOR



ORBIT CONNECTOR

PRIME PRIME 26 DIRECT/ INDIRECT

P26-DI PHOTO DISTRIBUTION

Candela Tabulation

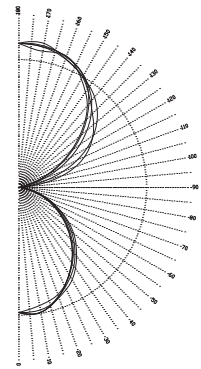
P26-DI-IU-ID-T5-O-EWL

VERTICAL ANGLE	CANDLEPOWER DISTRIBUTION				
	HORIZONTAL ANGLE 0		HORIZONTAL ANGLE 90		
	0	22.5	45	67.5	90
0	1058.2	1058.2	1058.2	1058.2	1058.2
10	1074.7	1075.1	1074.9	1053.3	1015.4
20	995.0	984.2	987.2	990.6	968.3
30	907.8	879.1	861.6	852.9	856.9
40	765.6	745.4	724.1	714.8	707.1
50	614.2	586.3	564.5	545.4	543.3
60	427.1	420.5	398.3	387.3	372.1
70	244.3	241.4	229.3	212.2	208.6
80	87.4	84.3	74.7	64.8	62.7
90	16.4	4.5	2.0	1.3	1.0
100	234.9	127.1	46.8	24.7	15.7
110	520.7	414.5	256.1	199.7	183.9
120	702.5	676.2	511.8	445.5	420.4
130	830.3	867.5	762.7	697.1	677.2
140	947.9	1001.2	963.6	928.2	907.3
150	1081.7	1085.3	1099.5	1095.3	1062.9
160	1159.8	1156.6	1180.3	1176.3	1183.1
170	1235.8	1204.6	1206.7	1216.3	1168.8
180	1218.4	1218.4	1218.4	1218.4	1218.4

Total Luminaire Efficiency: 63.3%

Zonal Lumens

Zone	Lumens	%Lamp	%Fxt
0-30	820.75	8.2	13
0-40	1323.04	13.2	20.9
0-60	2261.19	22.6	35.7
0-90	2776.01	27.8	43.9
90-120	674.95	6.7	10.7
90-130	1264.63	12.7	20
90-150	2576.53	25.8	40.7
90-180	3552.3	35.5	56.1
0-180	6328.31	63.3	100

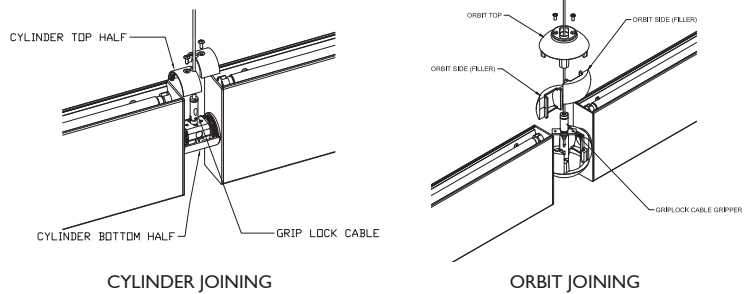
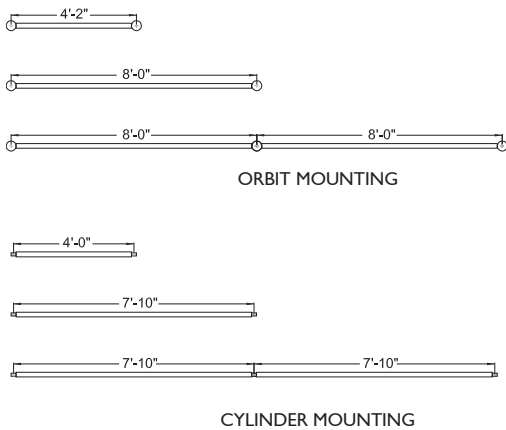


Coefficients of Utilization- Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

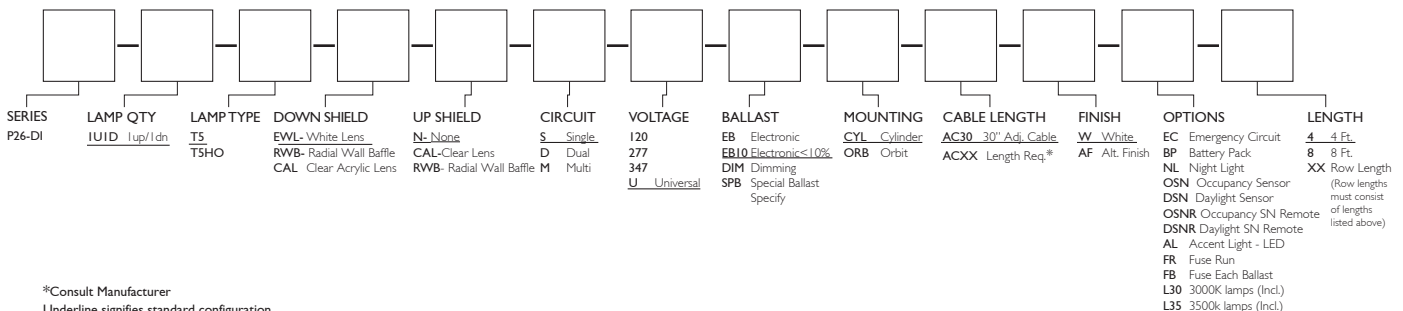
RC	80				70				50				30				10				0			
	RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0		
0	67	67	67	67	61	61	61	61	51	51	51	41	41	41	32	32	32	28	28	28	24	28		
1	61	58	56	54	56	54	51	50	44	43	42	36	35	34	28	28	27	24	24	24	23	20		
2	56	51	47	44	51	47	44	41	39	37	35	32	30	29	25	24	23	20	20	20	19	17		
3	51	45	40	37	46	41	37	34	34	31	29	28	26	24	22	21	20	17	17	17	17	14		
4	46	40	35	31	42	37	32	29	31	27	25	25	23	21	20	18	17	14	14	14	13	11		
5	43	35	30	27	39	33	28	25	27	24	21	22	20	18	18	16	15	13	13	13	11	10		
6	39	32	27	23	36	29	25	22	25	21	19	20	18	16	16	14	13	11	11	11	11	10		
7	36	29	24	20	33	26	22	19	22	19	16	18	16	14	15	13	11	10	10	10	9	8		
8	34	26	21	18	31	24	20	17	20	17	14	17	14	12	14	12	10	9	9	9	8	8		
9	31	24	19	16	29	22	18	15	19	15	13	15	13	11	13	11	9	8	8	8	8	7		
10	29	22	17	14	27	20	16	13	17	14	12	14	12	10	12	10	8	7	7	7	7	7		

P26-DI MOUNTING



P26-DI ORDERING KEY

EXAMPLE P26-DI-IUID-T5-EWL-N-S-U-EB10-CYL-AC30-W-4



*Consult Manufacturer
 Underline signifies standard configuration
 UL listed and IBEW-AFL made (product affixed with UL and IBEW labels)
 ICON International reserves the right to change specifications for product improvements without notification