

DESCRIPTION

Panelite 52DIP is a low-profile suspended direct/indirect luminaire. Available with one or two T5/T5HO lamps in cross-section, Panelite 52DIP is standard with a 65/35 up/down distribution. In either individual or continuous runs, the Panelite 52DIP is designed for open offices, private offices, educational facilities, retail or most any other space where an efficient, elegant, functional suspended fixture is required.

Catalog #	Type
Project	
Comments	Date
Prepared by	

SPECIFICATION FEATURES

Construction

Housing material is extruded aluminum, constructed to form a 1 7/8" x 7 1/2" profile. Standard lengths are 3', 4', 6' or 8' for continuous runs.

Ends

Mitered ends ensure a precise clean look and finish

Reflectors

Die-formed semi-specular high reflective Miro 5 anodized aluminum.

Electrical

Fixtures and electrical components certified to UL and CUL standards. Note: Please consult factory, Fifthlight may not be available in some configured options.

Finish

Durable, low gloss, white, powder coated acrylic finish. Custom colors available.

Mounting

Single point aircraft cable or rigid pendant stem mounts.

Shielding

Semi-specular high reflective Miro 5 parabolic louver with or without a ribbed acrylic overlay. High transmission frosted acrylic lens, or a frosted acrylic lens with a rectangular perforated pattern.



PANELIT 52 DIP 1 or 2 T5/T5HO

Continuous

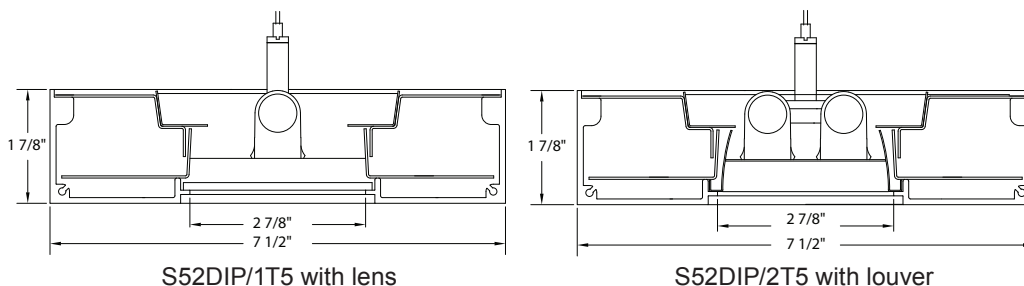
Suspended
Direct-Indirect

Light Distribution:

Indirect - 65%
Direct - 35%



powered by
fifthlight
technology



S52DIP/1T5 with lens

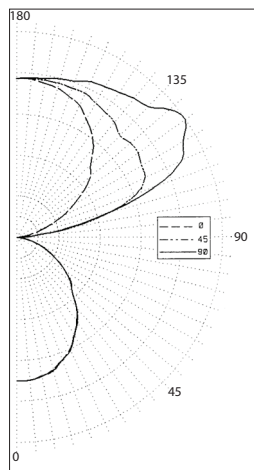
S52DIP/2T5 with louver

ORDERING INFORMATION

Sample Number: 52DIP-1T5-SC-48-T1-R-1-EB-SI-S85

Series	Lamp Type	Suspension Length	Individual ³ or Run	Voltage ⁴	Emergency ⁷	Shielding
52DIP - Suspended Direct/Indirect Pendant	T5 T5HO	48 - 48" Adjustable Cable 18 - 18" Rigid Pendant Stem 24 - 24" Rigid Pendant Stem 36 - 36" Rigid Pendant Stem	R - Continuous Run	1 - 120V 2 - 277V 3 - 347V U - Universal (120V-277V)	EM - Emergency Pack EC - Emergency Circuit	S85 - Semi-Specular Parabolic Louver with High Transmission Overlay S85N - Semi-Specular Parabolic S86 - High Transmission Frosted Acrylic Lens with Rectangular Perforated Pattern S95HT - High Transmission Frosted Acrylic Lens
Number of Lamps	Suspension ^{1,2}	Ceiling Type		Ballast ⁵	Fusing	Sensor Options
1 - 1 Lamp 2 - 2 Lamps	AC - Aircraft Cable, Straight Cord AK - Aircraft Cable, Curly Cord PP - Single Stem Rigid Pendant	JB - 4" Square J-Box ST - Structure SR - Sheet Rock (Flanged) T1 - 1" T-Bar T9 - 9/16" T-Bar TS - Slotted T-Bar		EB - Electronic Ballast (Standard) DB - Dimming ⁶ Ballast	GLR GMF	DS - Daylight Sensor 2S - Daylight and Occupancy Sensor

- Notes: 1 Pendant feed cord is straight for single Aircraft Cable mounting.
2 Rigid Stem mount does not have a feed cord. Feed wires are inside the stem mount.
3 Continuous runs are made of 3', 4', 6' and 8' sections using 3' and 4' lamps.
4 Required voltage information. Maximum ballast size 1.75" x 1.2".
5 For some electronic, dimming and EM battery pack ballast combinations, fixture has space limitation (consult factory).
6 For dimming, specify ballast option.



52DIP
2/28W T5
52DIP-2T5-1-C-120-A-C-4'D-95HT
2900 Lumens
Efficiency 98.30%
Test Report#: 15937.0

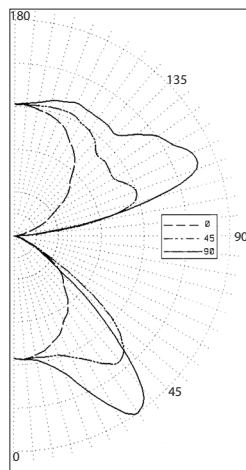
Zonal Lumen Summary

ZONE	LUMENS	%LAMP	%FIXT
0-30	597.40	10.30	10.50
0-40	950.90	16.40	16.70
0-60	1567.08	27.00	27.50
0-90	1892.83	32.60	33.20
90-120	1228.05	21.20	21.50
90-130	1933.22	33.30	33.90
90-150	3077.93	53.10	54.00
90-180	3807.34	65.60	66.80
0-180	5700.18	98.30	100.00

Total Luminaire Efficiency = 98.30%

Candela

Angle	Along II	45	Across
0	784	784	784
5	785	785	785
10	772	772	770
15	750	753	755
20	713	716	716
25	679	682	684
30	617	621	621
35	564	570	569
40	500	503	502
45	420	421	421
50	380	381	378
55	317	317	316
60	254	254	253
65	199	199	196
70	144	144	141
75	95	96	96
80	52	53	55
85	20	23	23
90	0	1	1
95	7	84	73
100	38	287	256
105	102	524	518
110	180	697	803
115	268	772	997
120	354	784	1049
125	444	806	1124
130	521	806	1088
135	564	790	1012
140	645	822	992
145	703	836	967
150	746	848	951
155	797	869	939
160	820	868	909
165	844	872	898
170	855	872	882
175	869	872	876
180	870	870	870



52DIP
1/54W T5HO
52DIP-1T5HO-1-C-120-A-4'D-S85
5000 Lumens
Efficiency 94.4%
Test Report#: 15950.0

Zonal Lumen Summary

ZONE	LUMENS	%LAMP	%FIXT
0-30	515.85	10.30	10.90
0-40	958.42	19.20	20.30
0-60	1673.72	33.50	35.50
0-90	1782.5	35.60	37.80
90-120	1143.9	22.90	24.20
90-130	1631.69	32.60	34.60
90-150	2415.74	48.30	51.20
90-180	2935.41	58.70	62.20
0-180	4717.92	94.40	100.00

Total Luminaire Efficiency = 94.4%

Candela

Angle	Along II	45	Across
0	571	571	571
5	575	577	577
10	566	574	587
15	557	582	622
20	540	590	681
25	530	622	790
30	505	663	917
35	498	724	1003
40	485	763	925
45	447	715	659
50	433	584	396
55	359	359	193
60	235	170	128
65	86	83	83
70	21	35	43
75	9	12	23
80	4	5	11
85	0	0	2
90	0	2	2
95	122	107	93
100	238	379	348
105	247	568	677
110	268	602	901
115	302	571	911
120	335	530	848
125	385	534	810
130	423	540	735
135	434	534	664
140	488	575	670
145	523	598	671
150	544	609	674
155	575	626	681
160	590	625	667
165	601	622	653
170	605	616	632
175	611	615	621
180	614	614	614

Shelding Options and Sensors



95HT
High Transmission
Frosted Acrylic Lens



S86
Frosted Acrylic Lens with
Rectangular Perforated
Pattern



S85
Semi-Specular Parabolic
Louver With High
Transmission Acrylic
Overlay



S85N
Semi-Specular Parabolic
Louver Without Overlay



**OCCUPANCY
SENSOR**
Fully-integrated sensor
is an innovative in-fixture
energy savings device

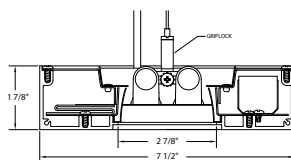
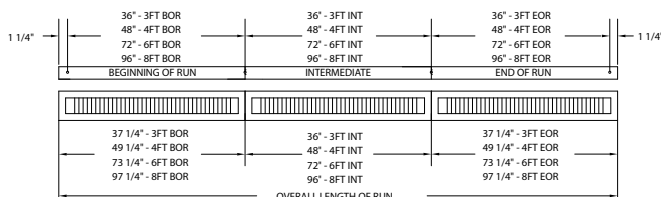


DAYLIGHT SENSOR
Provides a combination of
daylight and occupancy
sensing technology (PIR)
into one petite in-fixture
sensor

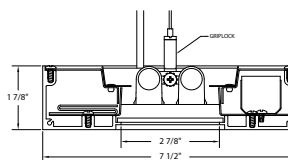
Mounting Information

TYPICAL MOUNTING LOCATIONS FOR ALL 52DIP CONTINUOUS FIXTURES WITH T5 AND T5HO LAMPS

TYPICAL RUN SINGLE CABLE MOUNTING LOCATIONS

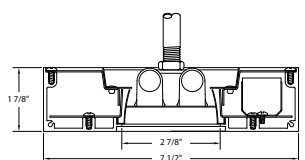
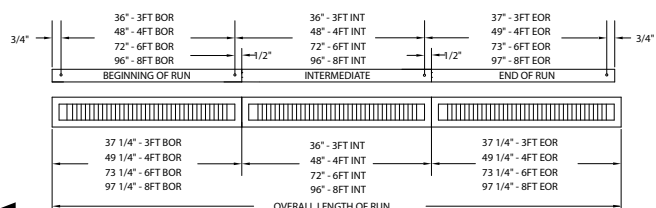


52DIP/2T5-SINGLE CABLE (W/LOUVER)

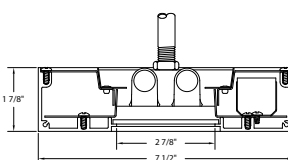


52DIP/2T5-SINGLE CABLE (W/LENSE)

TYPICAL RUN SINGLE STEM MOUNTING LOCATIONS



52DIP/2T5-SINGLE STEM (W/LOUVER)



52DIP/2T5-SINGLE STEM (W/LENSE)