NEO-RAY™

DESCRIPTION

Panelite 52DIP is a low-profile suspended direct/indirect luminaire. Available with one or two T8 lamps in cross-section,
Panelite 52DIP is standard with a 65/35 up/down distribution. In either individual or continuous runs, 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, cunstructed to form a 1 7/8" x 7 1/2" profile. Standard lengths are 3', 4', 5', 6', 8' and 10' for individual fixtures.

Ends
Mitered ends ensure a precise clean look and finish

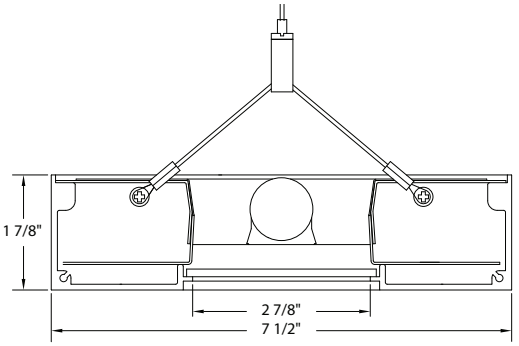
Reflectors
Die-formed semi-specular high reflective Miro 5 anodized aluminum.

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

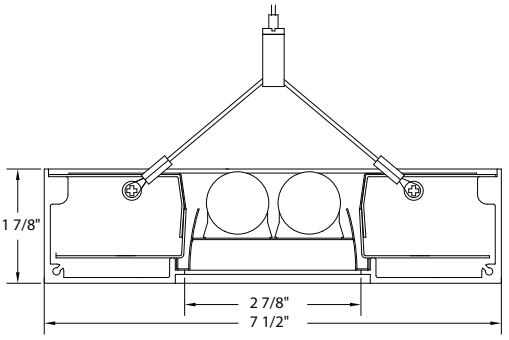
Finish
Durable, low gloss, white, powder coated acrylic finish. Custom colors available.

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.



S52DIP/1T8 with lens



S52DIP/2T8 with louver

PANELIT 52DIP
1 or 2T8

Individual

Suspended
Direct-Indirect

Light Distribution:
Indirect - 65%
Direct - 35%

powered by fifthlight technology

ORDERING INFORMATION

Sample Number: 52DIP-1T8-SC-48-T1-SD-2-EB-SI-S86

Series
52DIP: Suspended Direct/Indirect Pendant

Number of Lamps
1: 1 Lamp
2: 2 Lamps

Lamp Type
T8

Suspension [1]
AC: Aircraft Cable, Straight Cord
AK: Aircraft Cable, Curly Cord

Suspension Length [2, 3]
48: 48" Adjustable Cable

Ceiling Type
JB: 4" Square J-Box
ST: Structure
SR: Sheet Rock (Flanged)
T1: 1" T-Bar
T9: 9/16" T-Bar
TS: Slotted T-Bar

Individual or Run [4]
D: Individual

Voltage [5]
1: 120V
2: 277V
3: 347V
U: Universal (120V-277V)

Ballast [6]
EB: Electronic Ballast (Standard)
DB: Dimming [7] Ballast

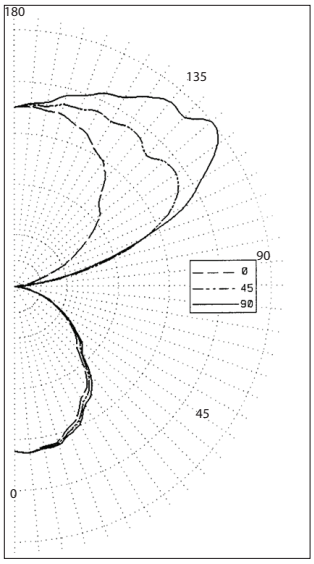
Emergency [8]
EM: Emergency Pack
EC: Emergency Circuit

Fusing
GLR
GMF

Shielding
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

Sensor Options
DS: Daylight Sensor
2S: Daylight and Occupancy Sensor

Notes:
1. Pendant feed cord is straight.
2. Cable suspension length is adjustable 48" long. If longer cable is needed, write in length.
3. Rigid Stem Mount is not available in T8.
4. 5' and 10' lengths come with 5' lamps.
5. Required voltage information. Maximum ballast size 1.75" x 1.2".
6. For some electronic, dimming and EM battery pack ballast combinations, fixture has space limitation (consult factory).
7. For dimming, specify ballast option.
8. Standard EM Pack is for 1 lamp



52DIP 1T8
S52DIP/2T5/SC5D-UEB-SI-S85
2900 Lumens
Efficiency 92.7%
Test Report #14122.0

Coefficients of Utilization

Effective floor cavity reflectance 20%

CEILING	80%				50%			30%		
WALL RCR	70	50	30	10	50	30	10	50	30	10
0	95	95	95	95	68	68	68	51	51	51
1	88	84	81	78	61	59	57	46	45	44
2	81	75	70	65	54	51	49	42	40	39
3	74	67	60	56	49	45	42	38	36	34
4	68	59	53	48	44	40	37	35	32	30
5	63	53	47	42	40	36	32	31	29	26
6	58	48	41	37	36	32	29	29	26	24
7	54	44	37	32	33	29	25	26	23	21
8	50	40	33	29	30	26	23	24	21	19
9	46	36	30	25	27	23	20	22	19	17
10	43	33	27	23	25	21	18	20	17	15

Zonal Lumen Summary

ZONE	LUMENS	%LAMP	%FIXT
0- 30	737.	12.7	13.7
0- 40	1156.	19.9	21.5
0- 60	1617.	27.9	30.1
0- 90	1676.	28.9	31.2
90-120	1089.	18.8	20.2
90-130	1762.	30.4	32.8
90-150	2931.	50.5	54.5
90-180	3701.	63.8	68.8
0-180	5377.	92.7	100.0

Total Luminaire Efficiency = 92.7%

Candela

Angle	Along II	45	Across
0	858	858	858
5	865	869	874
10	873	899	925
15	861	921	972
20	792	885	955
25	755	856	926
30	675	766	830
35	609	671	715
40	504	530	599
45	380	376	400
50	270	331	301
55	95	221	211
60	42	100	136
65	23	34	75
70	12	16	45
75	5	9	24
80	2	5	12
85	0	2	5
90	0	0	0
95	19	99	96
100	66	262	262
105	127	410	437
110	200	562	613
115	285	674	766
120	360	726	874
125	439	795	971
130	511	816	1008
135	569	818	1006
140	628	837	1002
145	703	873	1004
150	745	881	987
155	809	913	987
160	834	910	964
165	895	939	973
170	895	914	931
175	886	890	892
180	878	878	878

Shelding Options and Sensors

95HT
High Transmission Frosted Acrylic Lens

S86
Frosted Acrylic Lens with Rectangular Perforated Pattern

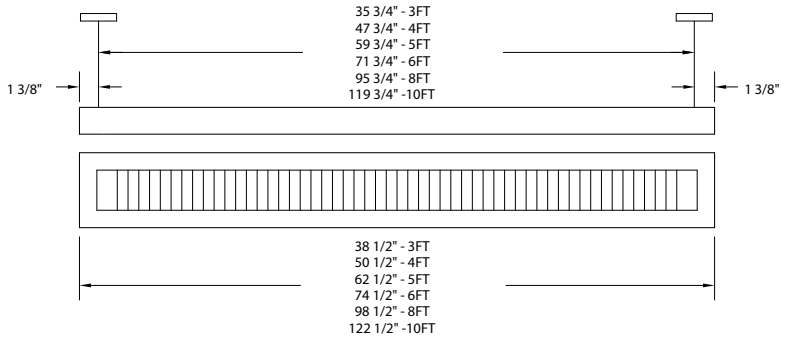
S85
Semi-Specular Parabolic Louver With High Transmission Acrylic Overlay

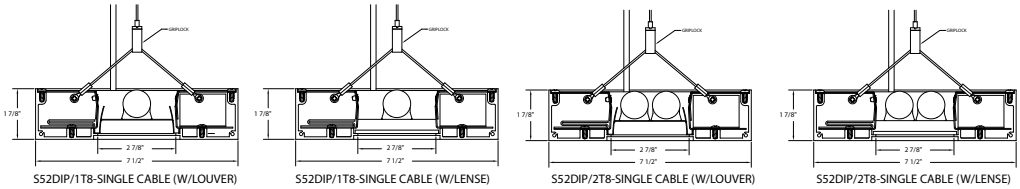
S85N
Semi-Specular Parabolic Louver Without Overlay

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





S52DIP/1T8-SINGLE CABLE (W/LOUVER) S52DIP/1T8-SINGLE CABLE (W/LENSE) S52DIP/2T8-SINGLE CABLE (W/LOUVER) S52DIP/2T8-SINGLE CABLE (W/LENSE)