

## DESCRIPTION

Corelite's Iridium Perf suspended semi-indirect fluorescent luminaire features elegant styling with sleek profile end caps. The engineered optical system provides a widespread uplight distribution for excellent ceiling uniformity and wide row spacing. The perforated fixture housing creates a soft downlight component to closely match the ceiling brightness, which minimizes contrast on computer screens. Iridium may be mounted individually or continuously with 4', 8' and 12' modular sections. Luminaires align with T-Grid and interface with all ceiling types. Iridium is suited for open offices, private offices, conference rooms, corridors, schools, libraries, labs and public spaces.

## SPECIFICATION FEATURES

### A ... Construction

Housing is one piece die-formed cold rolled steel, forming a 9" x 2-1/2" architectural profile. Standard 4'-0", 8'-0", and 12'-0" fixture lengths combine for continuous runs.

### B ... End Caps

Standard Straight and optional Beveled end caps are precision die-cast aluminum mechanically attached without exposed fasteners.

### C ... Reflectors

Reflector pan is painted with a high reflectance white powder coat finish. Optional die-formed side reflectors are highly specular anodized aluminum.

### D ... Electrical

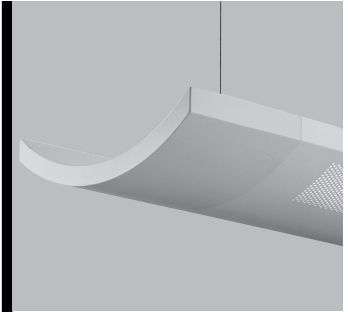
Fixtures are prewired with quick wire connectors and use UL listed Class P, 265ma T8 instant start universal voltage electronic ballasts. Power factor of 95% with less than 10% THD. Fixtures and electrical components certified to UL and CUL standards.

### E ... Finish

Fixture housings are standard white using electrostatically applied polyester powder coat paint.

### Mounting

Standard aircraft cable mounts on 4'-0", 8'-0" and 12'-0" centers. Refer to installation section for various ceiling interface details and rigid pendant mounting details.

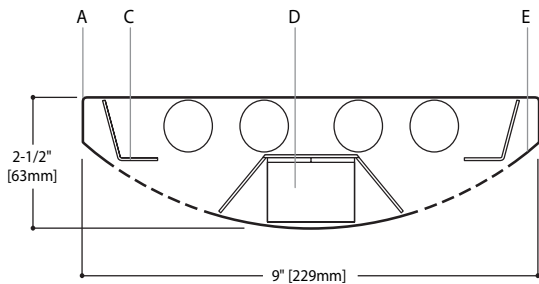


## Iridium Perf

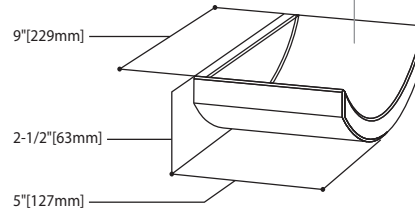
4T8

**Suspended  
Semi-Indirect**

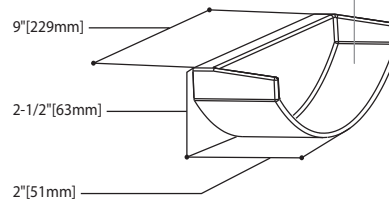
**Light Distribution**  
Indirect - 92.4%  
Direct - 7.6%



Standard Straight End Cap



Beveled End Cap



### MODULES AND DIMENSIONS\*

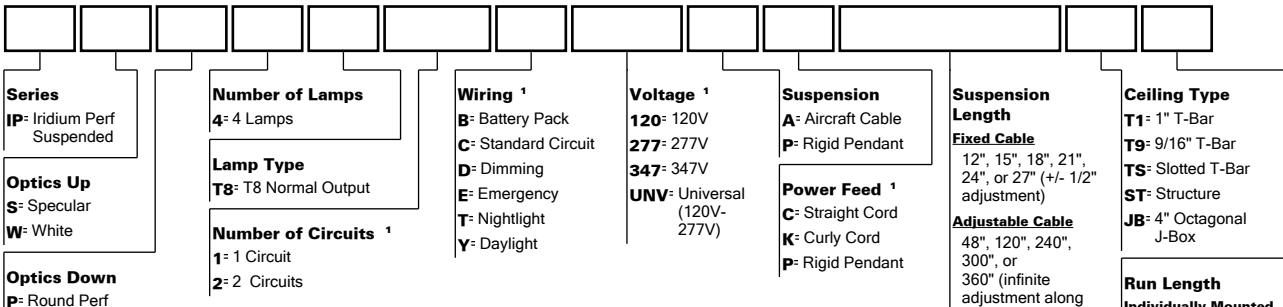


\*Dimensions do not include end caps.



## ORDERING INFORMATION

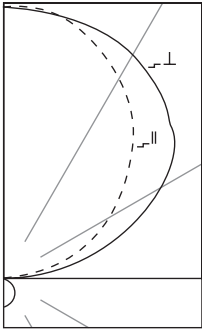
Sample Number: IP-WP-4T8-1C-UNV-AC48-T1-12-ES



Notes: 1 Not all options available. Please consult your Cooper Lighting Solutions Representative for availability.  
2 Consult adder section of the price guide for additional standard lengths.

**Specifications and Dimensions subject to change without notice.**  
Consult your representative for additional options and finishes.

PHOTOMETRICS



IP-WP-4T8  
(4) F32T8/TL841  
2950 Lumens  
Efficiency 83.6%

Test Report  
#LSI15714

Coefficients of Utilization

rc	Effective floor cavity reflectance																						
	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		
RCR	0	81	81	81	81	70	70	70	70	50	50	50	31	31	31	14	14	14	06				
	1	74	70	67	65	64	61	59	56	44	42	41	27	27	26	13	12	12	05				
	2	67	61	56	52	58	53	49	46	38	35	33	24	23	21	11	10	10	04				
	3	61	54	48	44	53	47	42	38	34	31	28	21	20	18	10	09	08	04				
	4	56	47	41	37	48	41	36	32	30	26	24	19	17	15	09	08	07	03				
	5	51	41	36	31	44	37	31	27	26	23	20	17	15	13	08	07	06	03				
	6	47	37	31	27	40	33	27	23	23	20	17	15	13	11	07	06	05	02				
	7	43	33	27	23	37	29	24	20	21	17	15	13	11	10	06	05	05	02				
	8	40	30	24	20	34	26	21	18	19	15	13	12	10	08	06	05	04	02				
	9	37	27	21	17	32	24	19	15	17	14	11	11	09	07	05	04	04	02				
	10	34	25	19	15	29	21	17	13	16	12	10	10	08	07	05	04	03	01				

Candela

Angle	Along	⊥	45°	Across	⊥
0	257		257		257
5	260		260		258
15	248		248		251
25	226		229		230
35	190		196		207
45	150		162		175
55	99		128		150
65	53		94		122
75	17		66		88
85	2		33		58
90	0		34		64
95	96		206		230
105	519		801		825
115	978		1416		1475
125	1423		1793		2042
135	1817		2102		2293
145	2153		2330		2487
155	2416		2511		2588
165	2597		2627		2656
175	2687		2671		2661
180	2680		2680		2680

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	198	1.68	2.01
0-40	320	2.72	3.25
0-60	557	4.72	5.65
0-90	750	6.36	7.60
40-90	429	3.64	4.35
60-90	192	1.63	1.95
90-180	9119	77.28	92.40
0-180	9869	83.64	100.00

Luminance Data

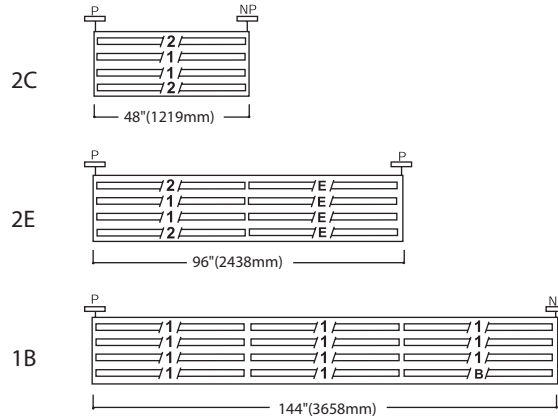
Angle in Deg	0-Deg cd/sm	45-Deg cd/sm	90-Deg cd/sm
45	1817	1955	2122
55	1479	1912	2262
65	1081	1924	2366
75	548	1909	2106
85	158	1336	1766

COMMON CIRCUIT CONFIGURATIONS FOR FOUR LAMP SUSPENDED FIXTURES

- 2C = Two circuit luminaire
- 2E = Two circuit luminaire with emergency circuit
- 1B = Single circuit luminaire with battery pack

- /1/ = Circuit 1
- /2/ = Circuit 2
- /E/ = Emergency Circuit
- /B/ = Battery Circuit

- = Power Mount
- = Non-Power Mount



STANDARD ROW CONFIGURATIONS

FIXTURE LENGTH	4'	8'	12'	16'	20'	24'	28'	32'	36'	40'	44'	48'	52'	56'	60'	64'	68'	72'	76'	80'	84'	88'	92'	96'	100'	104'	108'	
4'	1																											
8'		1		2	1		2	1		2	1		2	1		2	1		2	1		2	1		2	1		2
12'			1		1	2	1	2	3	2	3	4	3	4	5	4	5	6	5	6	7	6	7	8	7	8	9	