

PELLUCE

Suspended Architectural Luminaire



DESCRIPTION

The Pelluce redefines indoor linear lighting with its distinctive design and outstanding optical performance. With various lumen packages and distributions, it offers versatility for diverse lighting needs. As an affordable yet artistic centerpiece, the Pelluce is ideal for enhancing any commercial space. Available in 2 ft, 4 ft, and 8 ft lengths.

APPLICATION

Perfect for indoor spaces like offices, retail areas, lobbies, conference rooms, and other modern settings, this fixture is designed to provide exceptional performance while elevating the ambiance.

LENGTHS

Available in 2 ft, 4 ft, and 8 ft lengths. Additional lengths are available upon request; please consult the factory for more information.

FEATURES

- Standard 3 CCT Selectable option 3000K/3500K/4000K
- CRI 90+
- Light distribution: 30% up, 70% down.
- 0-10V 1% -100% Dimming provided as standard.
- Default battery location is internal to the the fixture

OPTICS

- UV stabilized, impact-resistant matte PC lens comes pre-installed; no removal needed for installation.
- Semi-direct (30/70) optical distribution provides 750–1250 lumens per foot.
- 115° low peak angle indirect distribution.
- Ultra wide direct distribution

CONSTRUCTION

Precision cut housing extruded from 6063 aluminum.
Operating temperature range: -25° C to 50° C.

FINISH

Powder coated white, black or silver are standard.
Custom RAL colors Available.

MOUNTING

Available as a pendant with three canopy options 5" canopy, 5" slim canopy and 1.7" slim canopy.

WEIGHT

Approximately 1.15 lbs per foot.

Warranty

5 year warranty stadard, Optional 10 year warranty available upon request.

LISTINGS/COMPLIANCE

- ETL - Listed for damp location.
- Tested to IESNA LM-79 and LM-80

*IES Files available upon request or visit vivid-forms.com

ORDERING INFORMATION

Series	Length/Output	Voltage	Color temperature	Dimming	Finish	Mounting	Canopy Type	Canopy Finish	Accessories

ordered separately

Series	Length/Output	Voltage	Color temperature	Dimming	Finish	Mounting
PE Pelluce	21 - 2ft, 15W/20W/25W 43 - 4ft, 30W/40W/50W 86 - 8ft, 60W/80W/100W	UNV - 120-277V	3CCTA - 30K/35K/40K RGB - RGB RGBW - RGBW D - Tunable White	DM - 0-10V Dimming	WH - White BK - Black SA - Silver CC - Custom Color	STE - Aircraft Cable-E type SDS - Drywall Pendant Mount SCS - Drop Ceiling Pendant Mount

Canopy Type	Canopy Finish
SCKA - 5" Canopy	BC - Black
SCKB - 5" Slim Canopy	WC - White
SCKC - 1.7" Slim Canopy	SC - Silver

ACCESSORIES

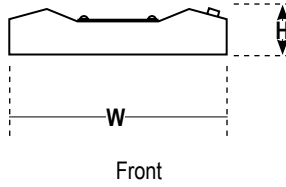
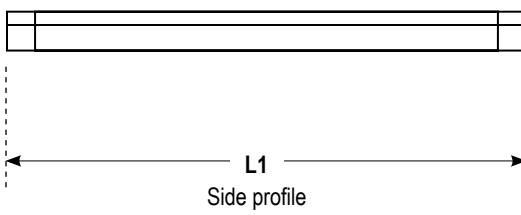
Accessories

ordered separately

Accessories Option

- 14LB - Linkable Bracket(2pcs)
- 6AC-6C - 7' 6-Core 600V cable works with EM
- 6AC-5C - 7' 5-Core 600V cable
- 3AC-6C - 7' 6-Core 300V cable works with EM
- 3AC-5C - 7' 5-Core 300V cable
- 8EM - 8W Emergency Backup Internal

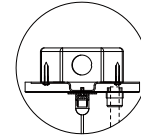
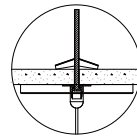
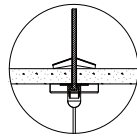
DIMENSION



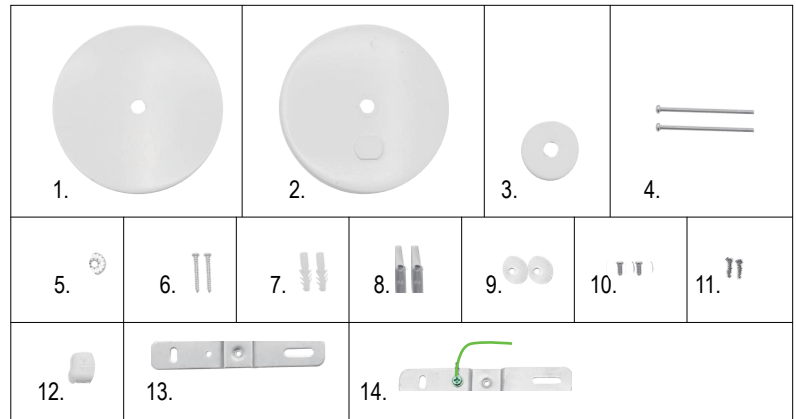
Size	L1 Length	W=Width	H=Height
2'	23.62"	7.87"	1.65"
4'	47.24"		
8'	94.49"		

MOUNTING OPTIONS

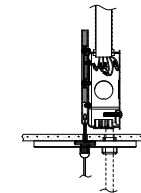
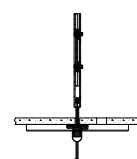
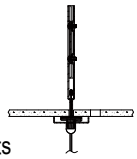
SDS Drywall Suspension Kits



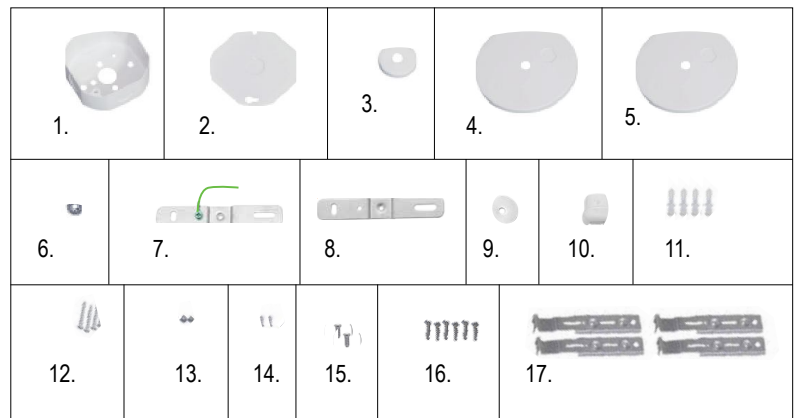
1. 5" Slim Canopy (Non-Power feed)
2. 5" Slim Canopy (Power feed)
3. 1.7" Slim Canopy
4. Screw PM4*70
5. Lock Washer
6. Screw PA4*30
7. Plastic Anchor
8. Butterfly Anchor
9. Flat Washer
10. Screw PM4*10
11. Screw 8#-32*1-3/4
12. Wire buckle
13. U Bracket with Ground
14. U Bracket



SCS Drop Ceiling Suspension Kits

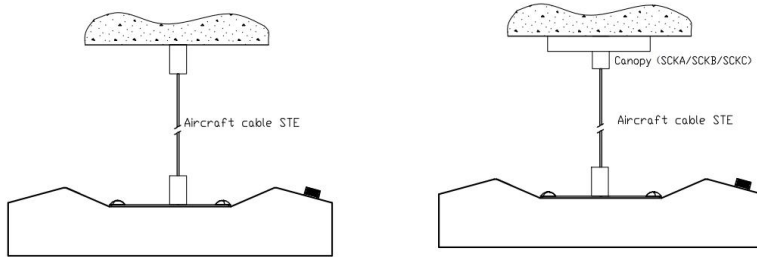


1. 4" J-box
2. 4" J-box Plate
3. 1.7" Slim Canopy
4. 5" Slim Canopy (Non-Power feed)
5. 5" Slim Canopy (Power feed)
6. Lock Washer
7. U Bracket with Ground
8. U Bracket
9. Plastic Grommet
10. Wire buckle
11. Plastic Anchor
12. Screw BA4*30
13. Screw PB4*5
14. Screw PM4*10
15. Screw PM4*8
16. Screw 8-32*1-3/4
17. T-Grid Clips

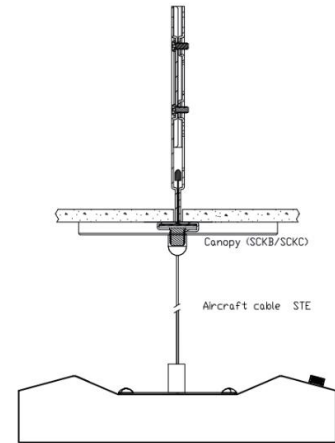


MOUNTING OPTIONS

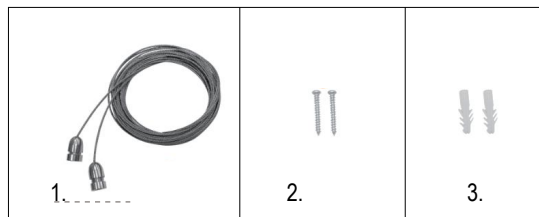
Dry Ceiling Pendant



Drop Ceiling Pendant



1. E Type Aircraft Cable
2. Screw BA4*30
3. Plastic Anchor



CANOPY TYPE

SCKA



Non Power feed



Power feed

SCKB



Non Power feed



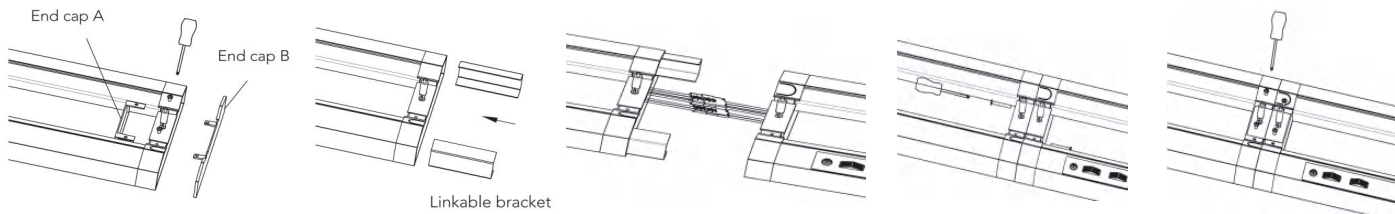
Power feed

SCKC



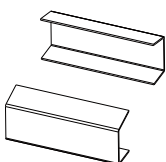
Non Power feed

QUICK LINKABLE FUNCTION



Remove the end cap A and end cap B, insert the bracket, and then connect the male and female wire connectors, fix the end cap A back. For linkable details please see the installation Instructions

OTHER ACCESSORY



14LB=Linkable Bracket (2PCS)



- 6AC-5C = 7' 5-Core 600V Cable
- 6AC-6C = 7' 6-Core 600V Cable work with EM
- 3AC-5C = 7' 5-Core 300V Cable
- 3AC-5C = 7' 5-Core 300V Cable work with EM(2PCS)

8EM=8W Emergency Backup Internal

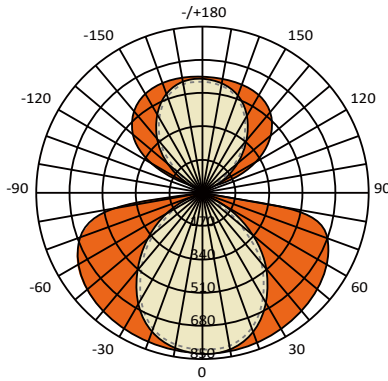
PHOTOMETRICS

Lumen output

Housing & CCT	UP 30% Down 70%
White & 3000K	1250lm/ft, 12.5W/ft

All efficacy is +5% base on different CCT and housing color. For other CCT,housing color etc. please check the IES file to gain the accurate data

4ft-50W-4000K



Zonal Flux Diagram

Y	C0	C45	C90	C135	C180
10	836.6	826.9	826.1	838.0	837.2
20	822.8	789.7	778.1	815.0	822.1
30	824.6	741.3	704.1	777.0	821.6
40	821.1	691.6	606.5	738.7	822.6
50	796.2	637.0	488.5	694.3	804.6
60	743.3	557.2	356.6	625.4	759.3
70	669.3	456.1	215.2	531.0	689.5
80	338.8	270.1	83.07	408.2	499.1
90	10.86	8.625	3.315	38.40	43.45
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

Y	Φ Zone	Φ Total
0-10	79.93	79.93
10-20	231.5	311.4
20-30	360.9	672.3
30-40	462.9	1135
40-50	531.5	1667
50-60	551.8	2219
60-70	517.8	2736
70-80	418.5	3155
80-90	162.1	3317

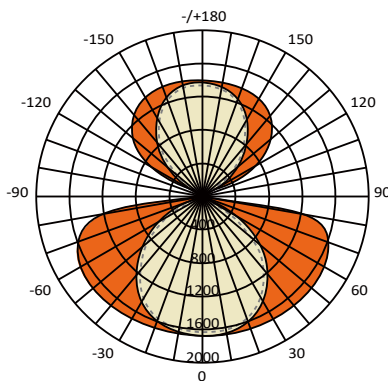
Zonal Lumens

G(DEG)	C0/180	C90/270
85	7395	2082
80	12272	3009
75	13211	3546
70	12307	3958
65	10589	4259
60	9350	4486
55	8483	4 643
50	7791	4779
45	7224	4894

Average Beam Angle (50%) : 360.0°

Lumen/ft:1316.70lm/ft
Total Lumens:5266.82 lm(for 4ft)
Input Watts: 49.6W
Efficacy:106.19lm/W

4ft-100W-4000K



Zonal Flux Diagram

Y	C0	C45	C90	C135	C180
10	1673	1654	1652	1676	1674
20	1646	1579	1556	1630	1644
30	1649	1483	1408	1554	1643
40	1642	1383	1213	1477	1645
50	1592	1274	976.9	1389	1609
60	1487	1114	713.2	1251	1519
70	1339	912.3	430.5	1062	1379
80	677.7	540.2	166.1	816.4	998.3
90	21.72	17.25	6.631	76.80	86.91
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

Y	Φ Zone	Φ Total
0-10	159.9	159.9
10-20	463.0	622.9
20-30	721.8	1345
30-40	925.9	2271
40-50	1063	3334
50-60	1104	4437
60-70	1036	5473
70-80	836.9	6310
80-90	324.2	6634

Zonal Lumens

G(DEG)	C0/180	C90/270
85	23515	6620
80	39026	9567
75	42011	11277
70	39135	12586
65	33673	13543
60	29732	14264
55	26976	14764
50	24774	15198
45	22974	15563

Average Beam Angle (50%) : 359.7°

Lumen/ft:1316.70 lm/ft
Total Lumens:10533.6lm (for 8ft)
Input Watts: 99.2W
Efficacy:106.19lm/W