

SURFACE ARC

FEATURES

LED Surface Arc is a rounded lens fixture ideal for surface / suspension mount indoor applications in offices and homes with mounting heights ranging from 8'-14'.

CONSTRUCTION The base is die-formed of heavy-duty 24 gauge pre-painted steel. Access plate on the top allows quick and easy wiring. Specular reflector enhances performance.

LENS Opal acrylic diffuser reduces glare and ensures uniform light appearance

ELECTRICAL Available in 120V, UNV, or 347V. Thermally protected driver with 0-10V dimming is standard.

COLOURS & CRI Available in 3000K, 3500K, 4000K, 5000K. 6500K is optional. 82 CRI is standard. 92 CRI - special order.

OPERATION -20°C to 40°C (-40°C optional) L70 at 50,000 hrs. with 5 yr. warranty; 100,000 hrs. with 10 yr. warranty optional.

INSTALLATION Suitable for surface, chain or cable suspension.

LISTINGS CSA for Canada & US.

NOTE Due to continuing improvements in LED technology, specifications are subject to change.



Ideal alternative to standard commercial wrap fixture



Ordering Information

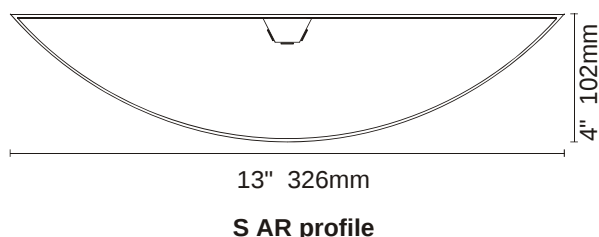
MODEL (W x L)	LUMENS '000's	COLOUR	VOLTS	OPTIONS	TO ORDER
S AR-1324	3 4 5 6	3K	120	PWD Pre-wired dimming	Start with model, add lumens, colour, voltage, & options.
		35K	277	EM Emergency pack	
S AR-1348	3 4 5 6 7 8 10	4K	347	CT -40C min. start	Example: S AR-1348-5.4L-40K-347-EM 13"x48" fixture, 5,000 lumens, 4000k colour, 347V, and emergency pack
		5K	UNV	OSMW microwave sensor	
			(120-277v)	OS PIR Occ. Sensor (special order)	
				CRM continuous rowmount	

DLC listed in bold. 4,000k @25C ambient temperature, +/- 5%

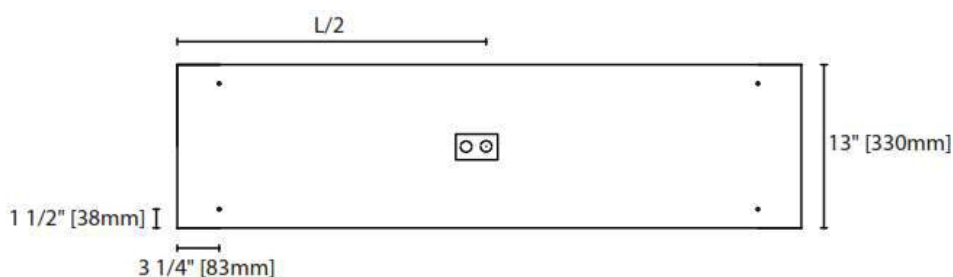
Data tolerances: flux ±7.5%; efficacy ±10%

LUMENS		WATTS	LPW Del'd
Nominal	Delivered		
3,000	3,056	22	137
4,000	3,880	28	137
5,000	4,648	34	136
6,000	5,295	39	134
7,000	6,092	46	132
8,000	7,039	54	129
10,000	8,455	67	126

NOTE: Lumen packages may vary slightly with different components



S AR profile



S AR base view

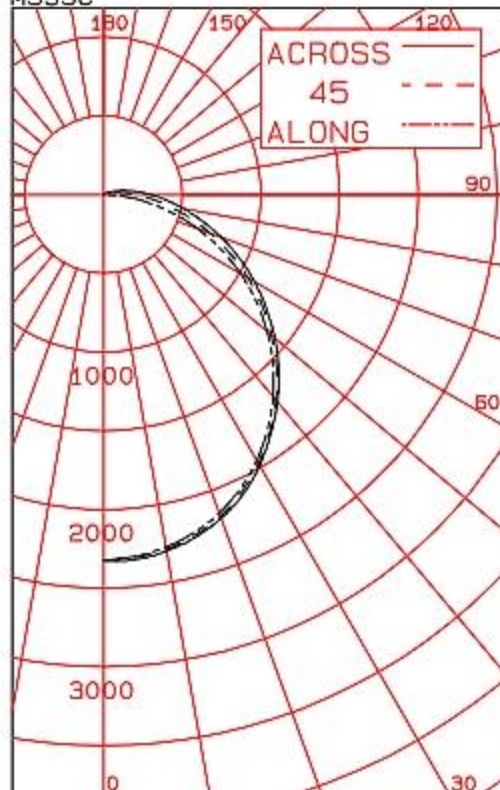
Please consult factory for additional lumen packages and options



PIONEER LIGHTING

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M535C



1'X 4'

S AR-1348-10L-3K

For additional photometrics and DLC listings, please visit our website or contact us

CANDLEPOWER SUMMARY

OUTPUT
LUMENS

ANGLE	ALONG	22.5	45	67.5	ACROSS	
0	2324	2324	2324	2324	2324	
5	2307	2317	2312	2321	2327	224
15	2224	2240	2239	2247	2254	631
25	2059	2072	2081	2094	2101	957
35	1820	1832	1842	1851	1855	1150
45	1523	1536	1553	1570	1574	1195
55	1187	1204	1231	1256	1265	1097
65	823	842	889	935	951	879
75	457	486	565	627	648	591
85	121	193	300	373	397	311
90	4	95	199	272	296	
95	0	38	123	189	210	128
105	0	1	35	76	91	44
115	0	0	4	20	27	10
125	0	0	0	1	2	1
135	0	0	0	0	0	0
145	0	0	0	0	0	0
155	0	0	0	0	0	0
165	0	0	0	0	0	0
175	0	0	0	0	0	0
180	0	0	0	0	0	

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1811	25.11	25.11
0-40	2961	41.04	41.04
0-60	5253	72.80	72.80
0-90	7033	97.47	97.47
40-90	4072	56.43	56.43
60-90	1780	24.67	24.67
90-180	182	2.53	2.53
0-180	7216	100.00	100.00

** EFFICACY = 103.8 LMS/WATT **