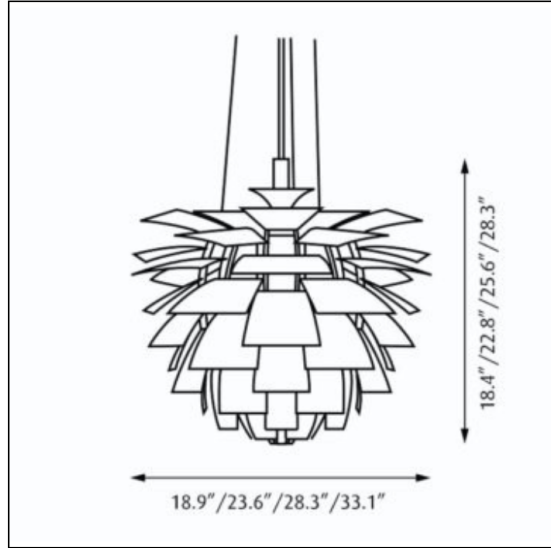


# PH Artichoke

PHA-CMH-COPPER

PRODUCT SPECIFICATION

## Product description



**Design** Poul Henningsen

**Concept** The fixture provides 100% glare-free light. The 72 precisely positioned leaves form 12 unique rows of six leaves each. They illuminate the fixture as well as emitting diffused light with a unique pattern. The fixture provides decorative and comfortable lighting.

**Finish** Copper or stainless steel, brushed and lacquered. White, wet painted.

**Material** Leaves: Die cut copper, laser cut stainless steel or die cut steel. Top shade: White, spun steel. Frame: High lustre chrome plated, cast aluminum. Suspension: High lustre chrome plated, spun aluminum.

**Mounting** Suspension type: 3x stainless steel aircraft cables. Suspension length: 12'. Canopy: White. Cord type: 18 AWG PVC power cord, LED: 2 conductor, non-LED: 3 conductor. Cord color: white cord, except for copper non-LED variants have black cord. Cord length: 12'.

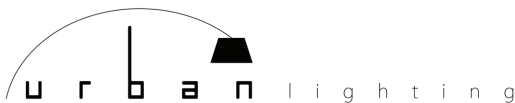
**Weight** Max. 55 lbs.

**Label** cULus, Dry location. IBEW.

Product Code	Dimension	Light source	Voltage	Finish	Features
PHA	18.9"	1/150W/CMH/T-6 G12	120/277V	BR ST STEEL	DIM 0-10V
	23.6"	1/200W/A-23/CL medium	120-277V	COP LAC	NOT APPLICABLE
	28.3"	1/250W/MH/ED-28-0 mogul	120V	WHT	
	33.1"	1/500W/PS-35/CL mogul			
		97W LED/2700K			
		97W LED/3000K			

**Specification notes**

Visit [www.louispuulsen.com](http://www.louispuulsen.com) for the limitations on variant combinations for PH Artichoke under products.

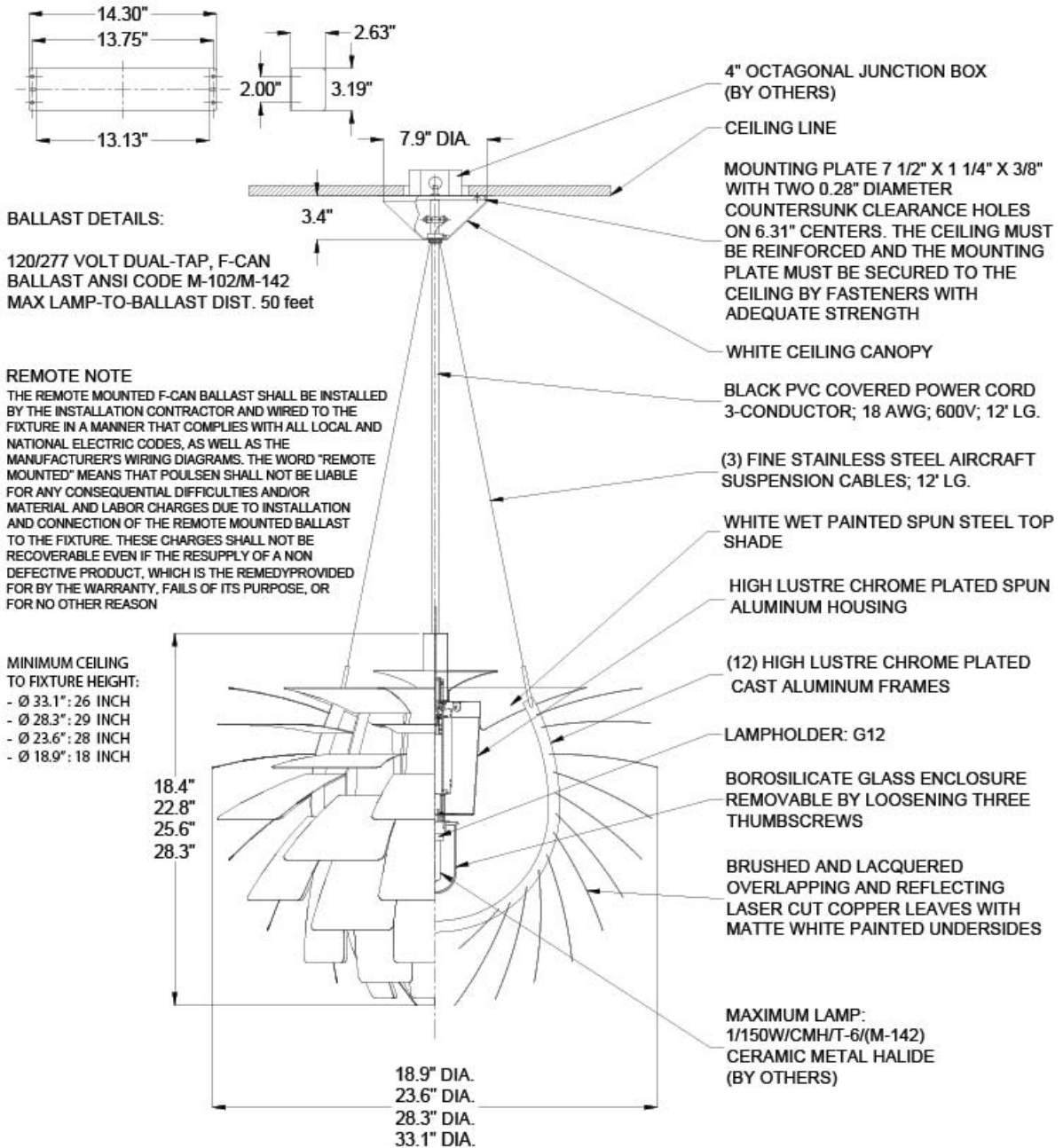


# PH Artichoke

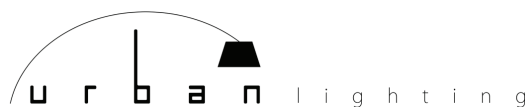
PHA-CMH-COPPER

PRODUCT SPECIFICATION

## Material description



**louis  
poulsen**

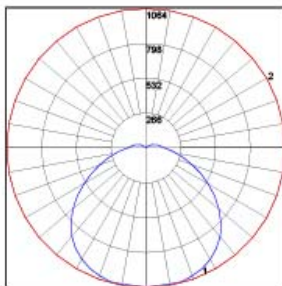


# PH Artichoke

PHA-CMH-COPPER

PRODUCT SPECIFICATION

## Light Measurements



Photometric Report: PHA 33.1"-1-150W-CMH-COP  
 Report No: 26041902047 Louis Poulsen Lighting A/S  
 Poulsen Report No: PHA 33.1"-1-150W-CMH-COP  
 Luminaire: PHA ARTICHOKE  
 Lamp: 1/150W/CMH/T6/G12  
 Efficiency: 28%

Description: All data shown are per 14000 lumens. This report can be used for calculation on all versions listed below. Use only actual lumen data calculating.

Candelpower Distribution

Vertical Angle	Candela
0	1083.7
5	1054.2
15	1055.5
25	1015.8
35	937.8
45	810.3
55	640.0
65	459.6
75	302.7
90	137.7
120	53.1
150	8.9
180	5.7

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0-20	398.35	2.80	10.00
0-30	866.36	6.20	21.80
0-40	1452.32	10.40	36.60
0-60	2648.21	18.90	66.70
0-80	3427.99	24.50	86.30
0-90	3629.54	25.90	91.40
10-90	3528.83	25.20	88.90
20-40	1053.97	7.50	26.50
20-50	1677.92	12.00	42.30
40-70	1652.7	11.80	41.60
60-80	779.79	5.60	19.60
70-80	322.98	2.30	8.10
80-90	201.55	1.40	5.10
90-110	222.82	1.60	5.60
90-120	281.90	2.00	7.10
90-130	314.78	2.20	7.90
90-150	335.14	2.40	8.40
90-180	341.27	2.40	8.60
110-180	118.45	0.80	3.00
0-180	3970.81	28.40	100.00

Coefficient of utilization- Zonal Cavity Method  
 Effective Floor Cavity Reflectance 0.20%

Ceiling Reflectance (%)	80				70				50			30			10			0
Wall Reflectance (%)	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio																		
0	33	33	33	33	32	32	32	32	30	30	30	28	28	28	27	27	27	26
1	30	28	27	26	29	27	26	25	26	25	24	24	23	23	23	22	21	21
2	27	24	22	21	26	24	22	20	22	21	19	21	20	18	20	19	18	17
3	24	21	19	17	24	21	18	17	19	18	16	18	17	15	17	16	15	14
4	22	19	18	14	21	18	16	14	17	15	13	16	14	13	15	14	13	12
5	20	17	14	12	20	16	14	12	15	13	12	15	13	11	14	12	11	10
6	19	15	12	11	18	15	12	10	14	12	10	13	11	10	12	11	10	9
7	17	14	11	9	17	13	11	9	13	10	9	12	10	9	11	10	8	8
8	16	12	10	8	16	12	10	8	11	9	8	11	9	8	10	9	7	7
9	15	11	9	7	15	11	9	7	11	8	7	10	8	7	10	8	7	6
10	14	10	8	7	14	10	8	7	10	8	6	9	7	6	9	7	6	6

**louis  
poulsen**

