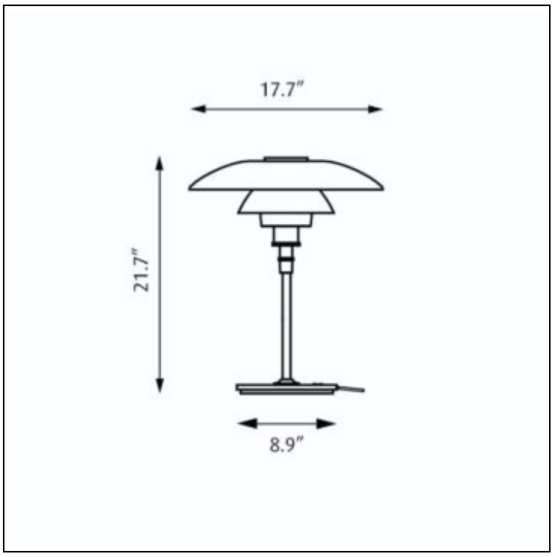
# PH 4½-3½ Glass Table



## Product description




**Design** Poul Henningsen

**Concept** The fixture is designed based on the principle of a reflective three-shade system, which directs the majority of the light downwards. The shades are made of hand-blown opal three-layer glass, which is glossy on top and sandblasted matte on the underside, giving a soft and diffuse light distribution.

**Finish** High lustre chrome plated. White opal glass.

**Material** Base: High lustre chrome plated, spun brass. Shades: Handblown white opal glass (sandblasted on the undersides for uniform light distribution). Anti-glare ring: Purple, spun aluminum. Top plate: High lustre chrome plated, spun brass. Stem: High lustre chrome plated, steel.

**Mounting** Cord type: Black. Cord length: 9'. Switch: On/off switch on the base.

**Weight** Max. 22 lbs.

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

| Product Code | Light source | Voltage | Finish |
|---|---|---|---|
| PH4½-3½-T | 1/100W/A-19/IF medium<br>1/15W LED/A-19/medium | 120V | CHR |

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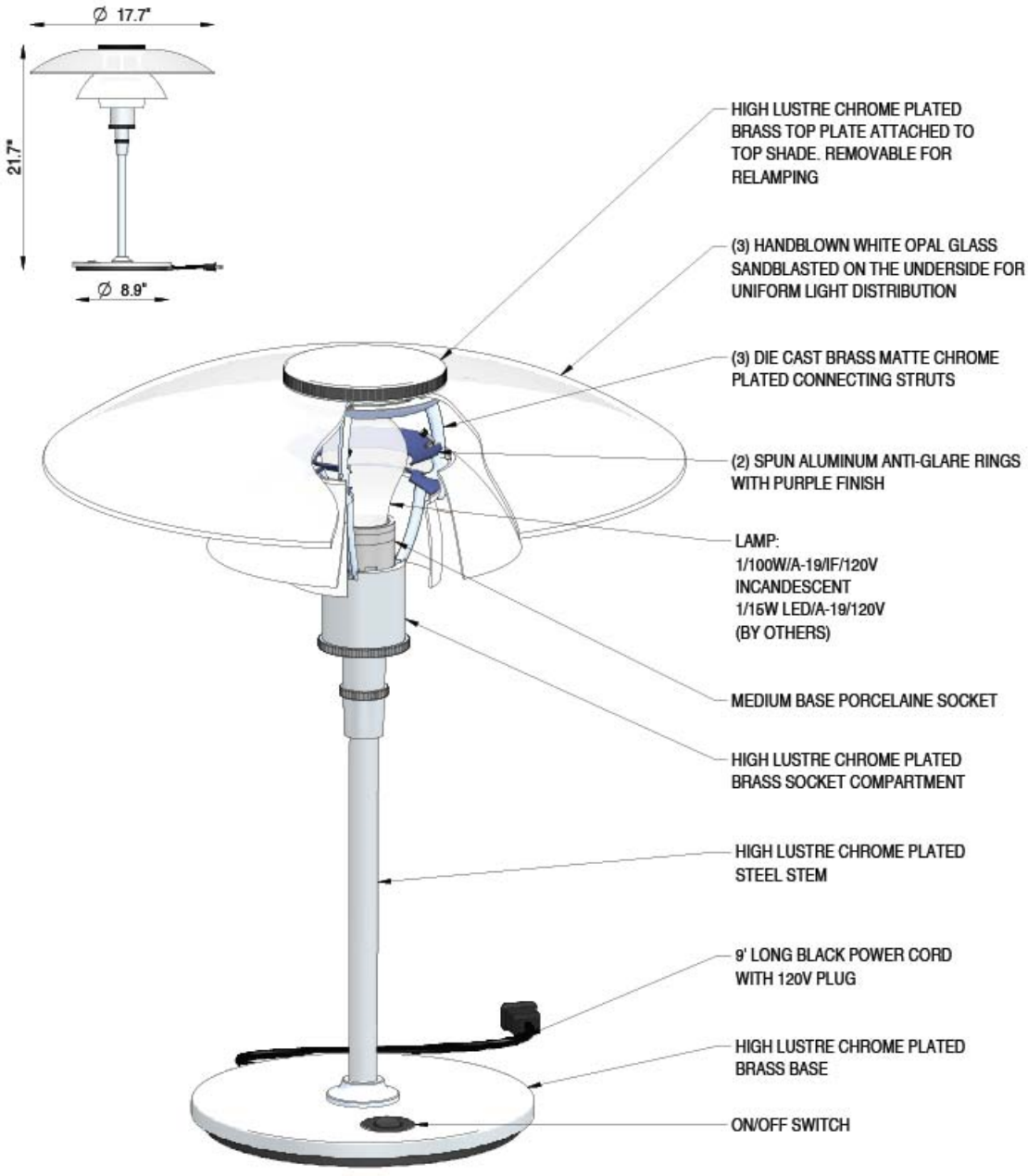
## Material description



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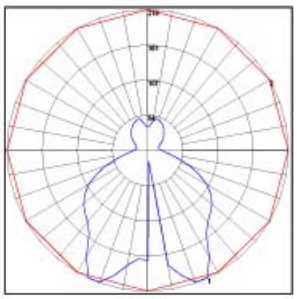
## Light Measurements



**Photometric Report:** PH 4½-3½-T-1-100W-INC
**Report No:** LP0380
**Poulsen Report No:** PH 4½-3½-T-1-100W-INC
**Luminaire:** PH 4½-3½ GLASS TABLE
**Lamp:** 1/100W/INC/A19
**Efficiency:** 55%
**Description:** All data shown are per 1490 lumens. This report can be used for calculation on all versions listed below. Use only actual lumen data calculating.

Candlepower Distribution

| Vertical Angle | Candela |
|---|---|
| 0 | 167.0 |
| 5 | 17.1 |
| 15 | 196.5 |
| 25 | 214.1 |
| 35 | 155.4 |
| 45 | 135.0 |
| 55 | 117.4 |
| 65 | 86.6 |
| 75 | 48.6 |
| 90 | 20.5 |
| 120 | 24.0 |
| 150 | 45.0 |
| 180 | 37.1 |

Zonal Lumen Summary

| Zone | Lumens | % Lamp | % Fixture |
|---|---|---|---|
| 0-20 | 71.93 | 4.80 | 8.80 |
| 0-30 | 167.53 | 11.20 | 20.40 |
| 0-40 | 267.64 | 18.00 | 32.60 |
| 0-60 | 476.43 | 32.00 | 58.00 |
| 0-80 | 614.74 | 41.30 | 74.90 |
| 0-90 | 643.82 | 43.20 | 78.40 |
| 10-90 | 627.85 | 42.10 | 76.50 |
| 20-40 | 195.71 | 13.10 | 23.80 |
| 20-50 | 300.11 | 20.10 | 36.60 |
| 40-70 | 294.35 | 19.80 | 35.90 |
| 60-80 | 138.31 | 9.30 | 16.90 |
| 70-80 | 52.75 | 3.50 | 6.40 |
| 80-90 | 29.08 | 2.00 | 3.50 |
| 90-110 | 38.70 | 2.60 | 4.70 |
| 90-120 | 59.38 | 4.00 | 7.20 |
| 90-130 | 84.35 | 5.70 | 10.30 |
| 90-150 | 138.09 | 9.30 | 16.80 |
| 90-180 | 176.97 | 11.90 | 21.60 |
| 110-180 | 138.27 | 9.30 | 16.80 |
| 0-180 | 820.79 | 55.10 | 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 | 63 | 63 | 63 | 63 | 60 | 60 | 60 | 60 | 55 | 55 | 55 | 50 | 50 | 50 | 45 | 45 | 45 | 43 |
| 1 | 57 | 54 | 51 | 49 | 54 | 51 | 49 | 47 | 47 | 45 | 44 | 43 | 41 | 40 | 39 | 38 | 37 | 35 |
| 2 | 51 | 47 | 43 | 40 | 49 | 45 | 41 | 38 | 41 | 38 | 35 | 37 | 35 | 33 | 34 | 32 | 30 | 29 |
| 3 | 47 | 41 | 36 | 33 | 44 | 39 | 35 | 32 | 36 | 32 | 29 | 33 | 30 | 27 | 30 | 27 | 26 | 24 |
| 4 | 43 | 36 | 31 | 27 | 40 | 34 | 30 | 27 | 32 | 28 | 25 | 29 | 26 | 23 | 26 | 24 | 22 | 20 |
| 5 | 39 | 32 | 27 | 23 | 37 | 31 | 26 | 23 | 28 | 24 | 21 | 26 | 23 | 20 | 24 | 21 | 19 | 17 |
| 6 | 36 | 29 | 24 | 20 | 34 | 28 | 23 | 20 | 25 | 22 | 19 | 23 | 20 | 18 | 21 | 19 | 16 | 15 |
| 7 | 33 | 26 | 21 | 18 | 32 | 25 | 20 | 17 | 23 | 19 | 16 | 21 | 18 | 15 | 20 | 17 | 15 | 13 |
| 8 | 31 | 24 | 19 | 16 | 29 | 23 | 18 | 15 | 21 | 17 | 15 | 19 | 16 | 14 | 18 | 15 | 13 | 12 |
| 9 | 29 | 22 | 17 | 14 | 27 | 21 | 17 | 14 | 19 | 16 | 13 | 18 | 15 | 12 | 16 | 14 | 12 | 11 |
| 10 | 27 | 20 | 16 | 13 | 26 | 19 | 15 | 12 | 18 | 14 | 12 | 16 | 13 | 11 | 15 | 13 | 11 | 10 |