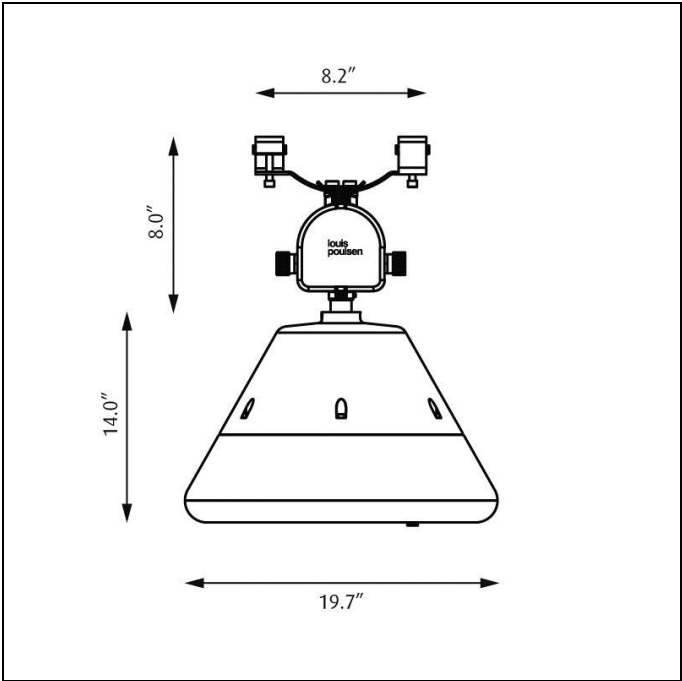


# MO 500 Cable Hanger



- Design

Mads Odgård
- Concept

Light Concept: The fixture provides direct downward illumination. Depending on the choice of reflector, the downward lighting characteristics will vary. The reflector types have been designed in two variations to provide either a fixed type 2 (bi-symmetrical) or an asymmetrical distribution of light. The asymmetric reflector can be adjusted to have either fully T2 or T3 distributions or four intermediate positions between.
- Finish

Natural painted aluminum, powder coated.
- Material

Shade: Opal white polycarbonate. Reflector: High pressure molded polycarbonate with either matte or polished finish. Housing: Die cast aluminum. Lens: Clear polycarbonate.
- Mounting

Suspension type: Suspended from a through wiring cable hanger provided and by suspension cables by others.
- Weight

Max. 22 lbs.
- Label

cULus listed, wet location, IBEW

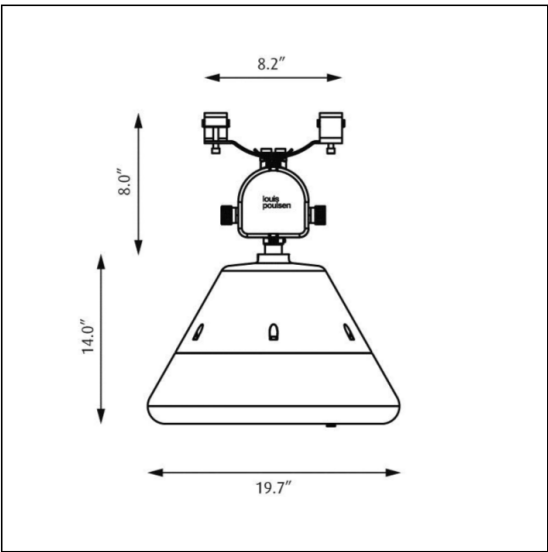
Product Code	Light source	Voltage	Finish	Electric shock protection cl.	Distribution/Trim	Reflector/Optics	Features
MO-500-CH	54W LED/3000K	120-277V	NAT PAINT ALU	NOT APPLICABLE SURGE PROTECTOR	T2	MATTE	DIM 0-10V
	54W LED/4000K				T3	POLISHED	

# MO 500 Cable Hanger

MO500-CH BI-SYM (T2)

PRODUCT SPECIFICATION

## Product description



Design Mads Odgård

**Concept** Light Concept: The fixture provides direct downward illumination. Depending on the choice of reflector, the downward lighting characteristics will vary. The reflector types have been designed in two variations to provide either a fixed type 2 (bi-symmetrical) or an asymmetrical distribution of light. The asymmetric reflector can be adjusted to have either fully T2 or T3 distributions or four intermediate positions between.

**Finish** Natural painted aluminum, powder coated.

**Material** Shade: Opal white polycarbonate. Reflector: High pressure molded polycarbonate with either matte or polished finish. Housing: Die cast aluminum. Lens: Clear polycarbonate.

**Mounting** Suspension type: Suspended from a through wiring cable hanger provided and by suspension cables by others.

**Weight** Max. 22 lbs.

**Label** cULus listed, wet location, IBEW

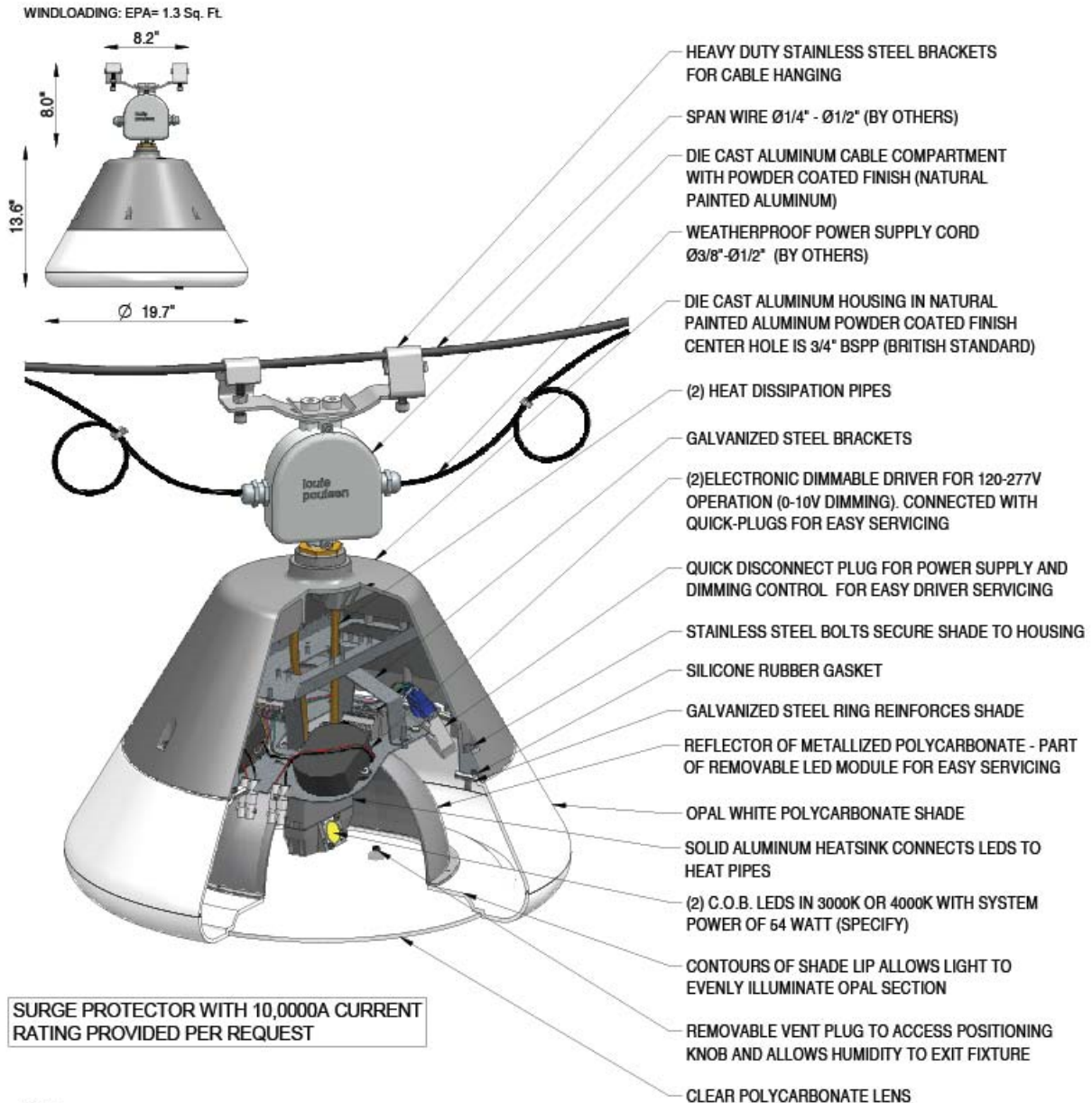
Product Code	Light source	Voltage	Finish	Electric shock protect.	Distribution/Trim	Reflector/Optics	Features
MO-500-CH	54W LED/3000K	120-277V	NAT PAINT ALU	NOT APPLICABLE	T2	MATTE	DIM 0-10V
	54W LED/4000K			SURGE PROTECTOR	T3	POLISHED	

# MO 500 Cable Hanger

MO500-CH BI-SYM (T2)

PRODUCT SPECIFICATION

## Material description



NOTE:  
LED TECHNOLOGY IS RAPIDLY CHANGING. LEDS ARE MADE IN LOTS AND SORTED INTO BINS BASED ON WAVELENGTHS RANGES THAT ACHIEVE COLORS. PRODUCTS ORDERED AT DIFFERENT TIMES MAY NOT HAVE THE SAME COLOR APPEARANCE.

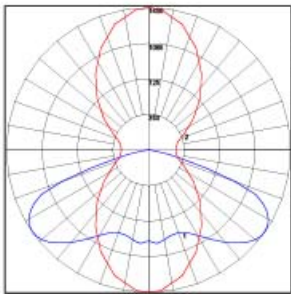
# MO 500 Cable Hanger

MO500-CH BI-SYM (T2)

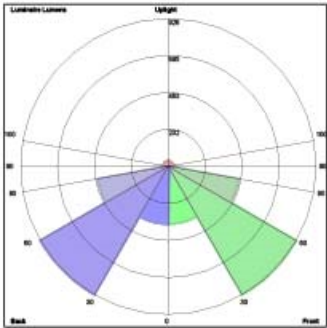
PRODUCT SPECIFICATION

## Light Measurements

Photometric Report: MO-500-PT-54W-LED-T2  
Report No: IFL82187  
Poulsen Report No: MO-500-PT-54W-LED-T2  
Luminaire: MO-500-PT  
Lamp: 54W/LED/4000K  
Description: All data shown are per 3527 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	928
5	924
15	852
25	721
35	576
45	421
55	278
65	158
75	65
90	4
120	5
150	6
180	5



Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0-20	337.88	N.A.	9.60
0-30	717.57	N.A.	20.30
0-40	1226.31	N.A.	34.80
0-60	2569.84	N.A.	72.90
0-80	3465.3	N.A.	98.30
0-90	3491.17	N.A.	99.00
10-90	3402.25	N.A.	96.50
20-40	888.43	N.A.	25.20
20-50	1523.58	N.A.	43.20
40-70	1994.02	N.A.	56.50
60-80	895.45	N.A.	25.40
70-80	244.97	N.A.	6.90
80-90	25.87	N.A.	0.70
90-110	10.82	N.A.	0.30
90-120	16.38	N.A.	0.50
90-130	21.77	N.A.	0.60
90-150	30.63	N.A.	0.90
90-180	35.43	N.A.	1.00
110-180	24.60	N.A.	0.70
0-180	3526.59	N.A.	100.00

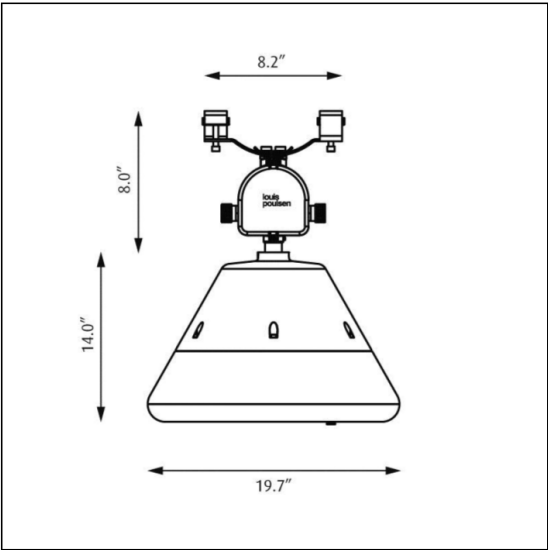
LUMINAIRE CLASSIFICATION SYSTEM (LCS)			
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	358.8	N.A.	10.2
FM - Front-Medium (30-60)	926.1	N.A.	26.3
FH - Front-High (60-80)	447.7	N.A.	12.7
FVH - Front-Very High (80-90)	12.9	N.A.	0.4
BL - Back-Low (0-30)	358.8	N.A.	10.2
BM - Back-Medium (30-60)	926.1	N.A.	26.3
BH - Back-High (60-80)	447.7	N.A.	12.7
BVH - Back-Very High (80-90)	12.9	N.A.	0.4
UL - Uplight-Low (90-100)	5.2	N.A.	0.1
UH - Uplight-High (100-180)	30.3	N.A.	0.9
Total	3526.5	N.A.	100.0
BUG Rating	B1-U2-G1		

# MO 500 Cable Hanger

MO500-CH ASYM (T3)

PRODUCT SPECIFICATION

## Product description



Design Mads Odgård

Concept Light Concept: The fixture provides direct downward illumination. Depending on the choice of reflector, the downward lighting characteristics will vary. The reflector types have been designed in two variations to provide either a fixed type 2 (bi-symmetrical) or an asymmetrical distribution of light. The asymmetric reflector can be adjusted to have either fully T2 or T3 distributions or four intermediate positions between.

Finish Natural painted aluminum, powder coated.

Material Shade: Opal white polycarbonate. Reflector: High pressure molded polycarbonate with either matte or polished finish. Housing: Die cast aluminum. Lens: Clear polycarbonate.

Mounting Suspension type: Suspended from a through wiring cable hanger provided and by suspension cables by others.

Weight Max. 22 lbs.

Label cULus listed, wet location, IBEW

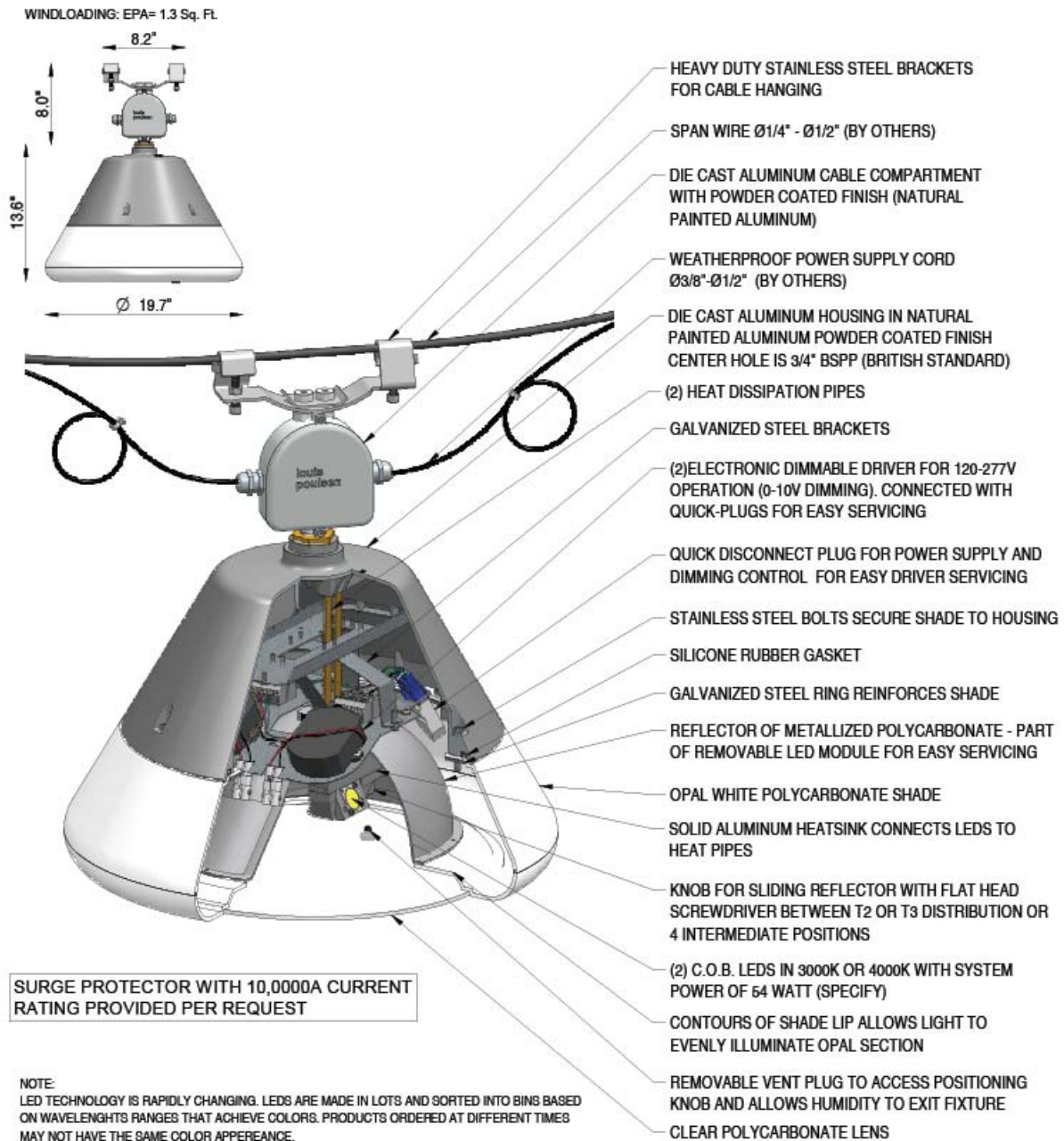
Product Code	Light source	Voltage	Finish	Electric shock protect.	Distribution/Trim	Reflector/Optics	Features
MO-500-CH	54W LED/3000K	120-277V	NAT PAINT ALU	NOT APPLICABLE	T2	MATTE	DIM 0-10V
	54W LED/4000K			SURGE PROTECTOR	T3	POLISHED	

# MO 500 Cable Hanger

MO500-CH ASYM (T3)

PRODUCT SPECIFICATION

## Material description



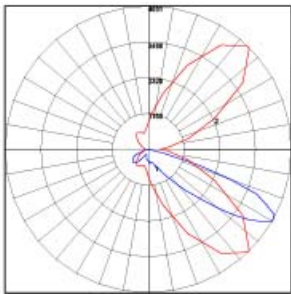
# MO 500 Cable Hanger

MO500-CH ASYM (T3)

PRODUCT SPECIFICATION

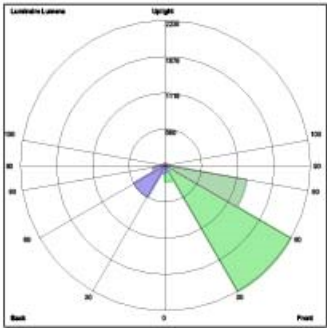
## Light Measurements

Photometric Report: MO-500-PT-54W-LED-T3 P-6  
Report No: IFL82191  
Poulsen Report No: MO-500-PT-54W-LED-T3 P-6  
Luminaire: MO-500-PT  
Lamp: 54W/LED/4000K  
Description: All data shown are per 3503 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	618
5	660
15	1003
25	1210
35	1466
45	1608
55	1327
65	604
75	139
90	6
120	7
150	7
180	5

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0-20	242.04	N.A.	6.90
0-30	557.53	N.A.	15.90
0-40	1035.59	N.A.	29.60
0-60	2504.9	N.A.	71.50
0-80	3440.1	N.A.	98.20
0-90	3464.1	N.A.	98.90
10-90	3405.05	N.A.	97.20
20-40	793.55	N.A.	22.70
20-50	1469.4	N.A.	41.90
40-70	2160.09	N.A.	61.70
60-80	935.21	N.A.	26.70
70-80	244.42	N.A.	7.00
80-90	24.00	N.A.	0.70
90-110	11.68	N.A.	0.30
90-120	17.77	N.A.	0.50
90-130	23.62	N.A.	0.70
90-150	33.35	N.A.	1.00
90-180	38.67	N.A.	1.10
110-180	26.99	N.A.	0.80
0-180	3502.77	N.A.	100.00

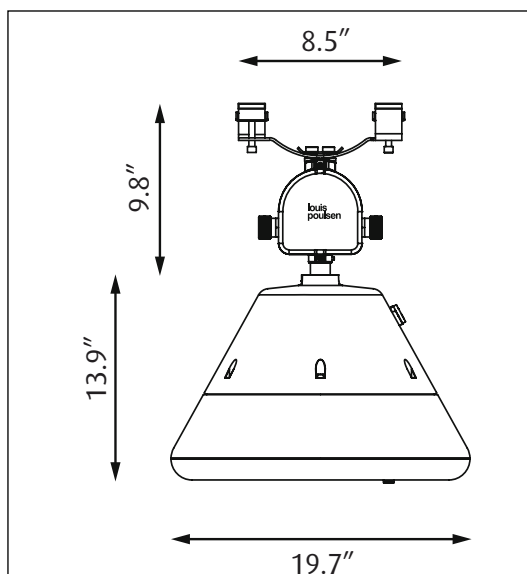


LUMINAIRE CLASSIFICATION SYSTEM (LCS)			
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	347.1	N.A.	9.9
FM - Front-Medium (30-60)	1489.0	N.A.	41.9
FH - Front-High (60-80)	732.3	N.A.	20.9
FVH - Front-Very High (80-90)	17.5	N.A.	0.5
BL - Back-Low (0-30)	210.4	N.A.	6.0
BM - Back-Medium (30-60)	478.3	N.A.	13.7
BH - Back-High (60-80)	202.9	N.A.	5.8
BVH - Back-Very High (80-90)	6.5	N.A.	0.2
UL - Uplight-Low (90-100)	5.7	N.A.	0.2
UH - Uplight-High (100-180)	33.0	N.A.	0.9
Total	3502.7	N.A.	100.0
BUG Rating	B1-U2-G1		



# M0 500 Bisymmetric Cable/top mounting

Design Mads Odgård



Light source	Voltage	Weight	Electric shock protection	Ingress protection
<b>LED</b>	<b>Max 120-277V</b>	<b>18.3 Lbs</b>	<b>Cl. I</b>	<b>IP 66, wet location</b>

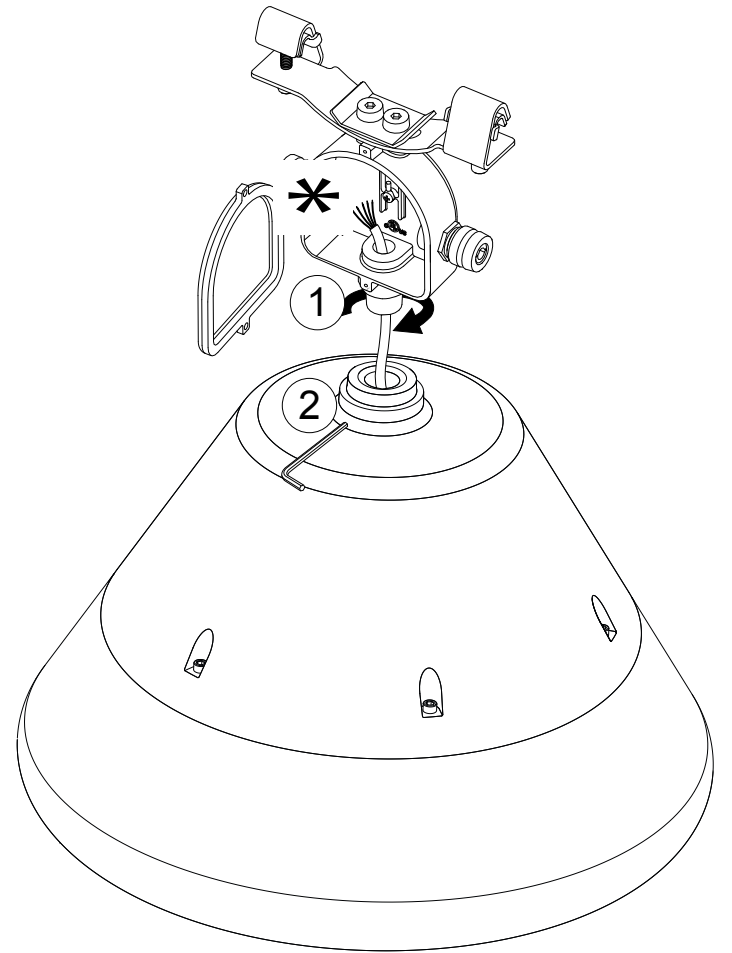
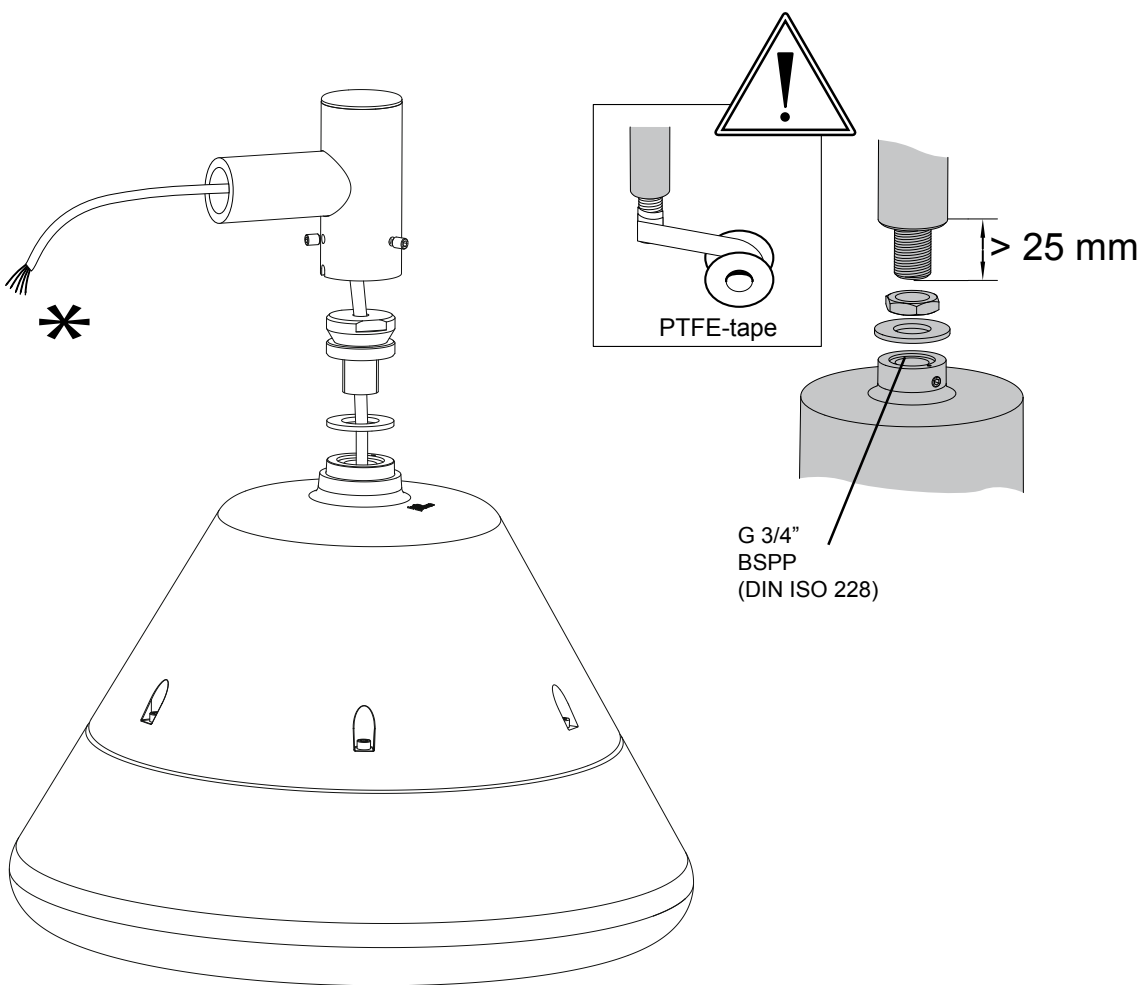
Recommended cleaning substances:

Wipe off dust with a dry, soft cloth. Remove greasy spots etc. with a soft cloth dampened in lukewarm water (<122° F/ 50° C) with a mild detergent.

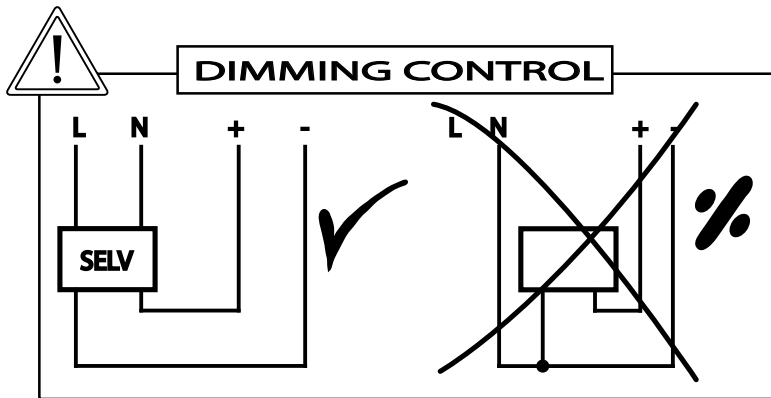
Warning: Scouring powder and similar substances will scratch surfaces.

All installation is subject to local code and jurisdiction. Consult a qualified electrician to ensure correct branch circuit conductor.

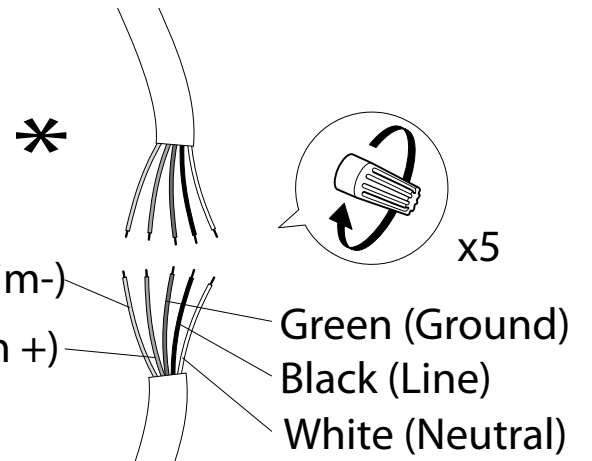




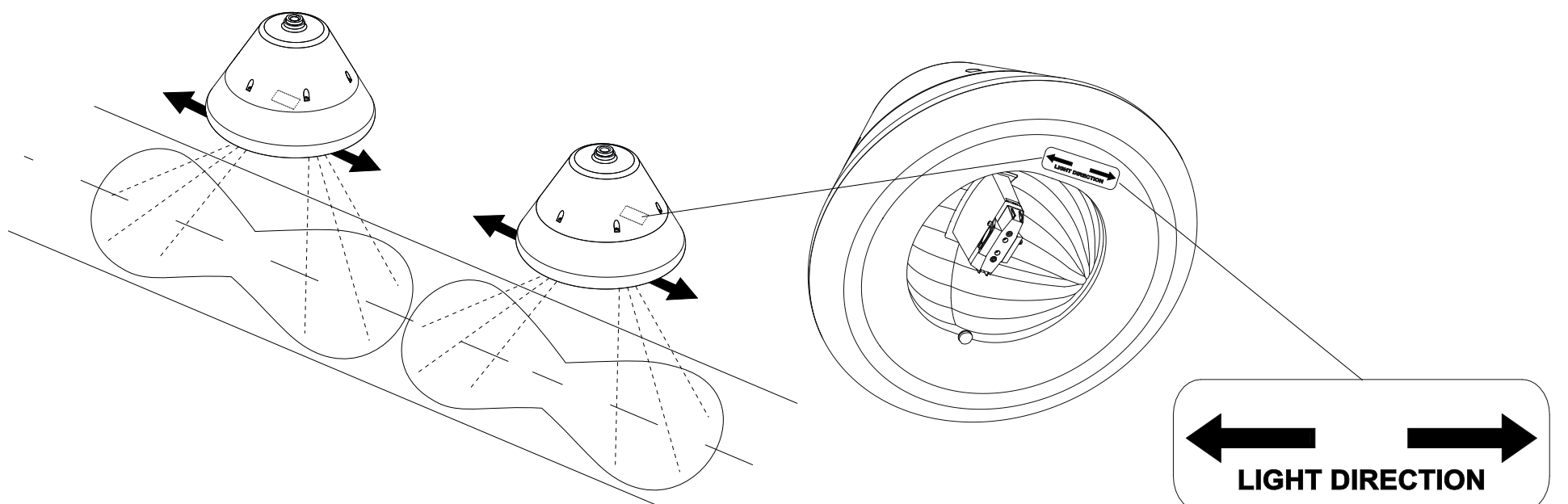
For dimming wires use class 1 wiring methods. Cap dimming wires (separately) if not used



Refer to the instructions included with the Cable Hanger for mounting and wiring instructions



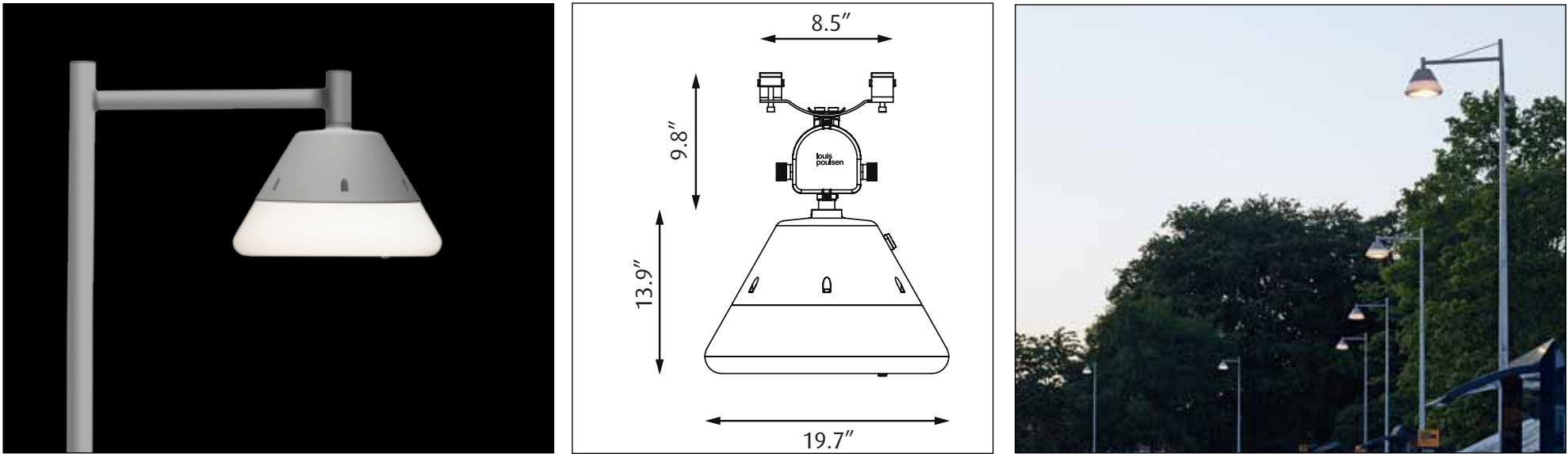
Grey - (0-10V Dim-)  
Violet + (0-10V Dim +)  
Green (Ground)  
Black (Line)  
White (Neutral)



M0 500 Asymmetric Cablehanger mounting

louis  
poulsen

Design Mads Odgård

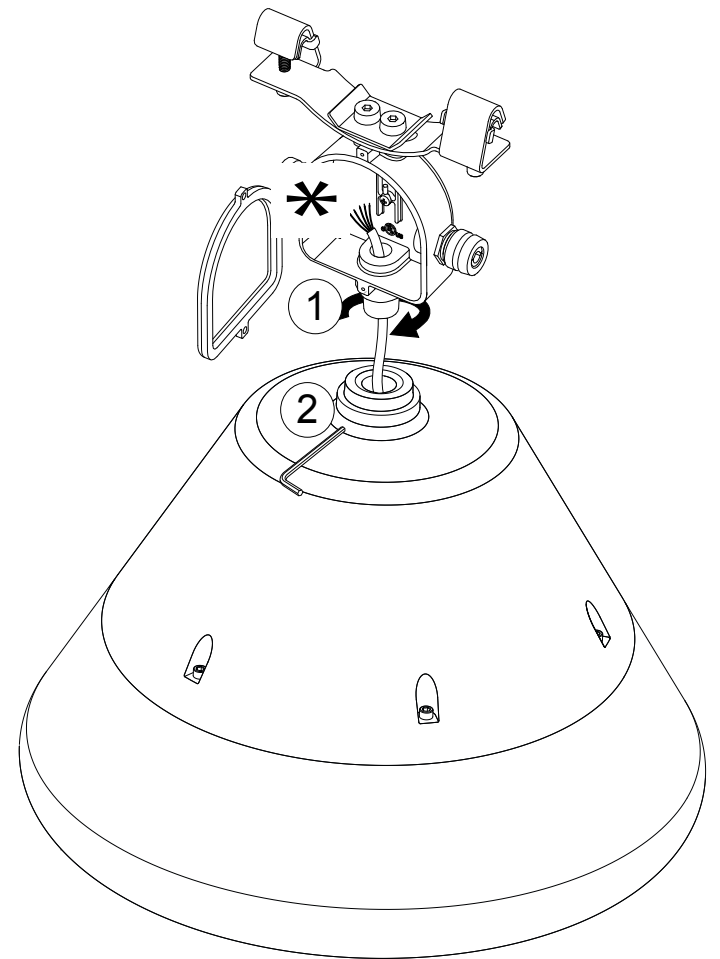
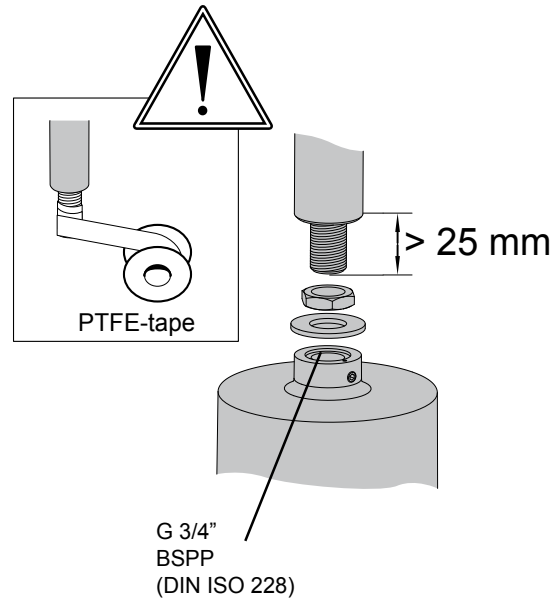
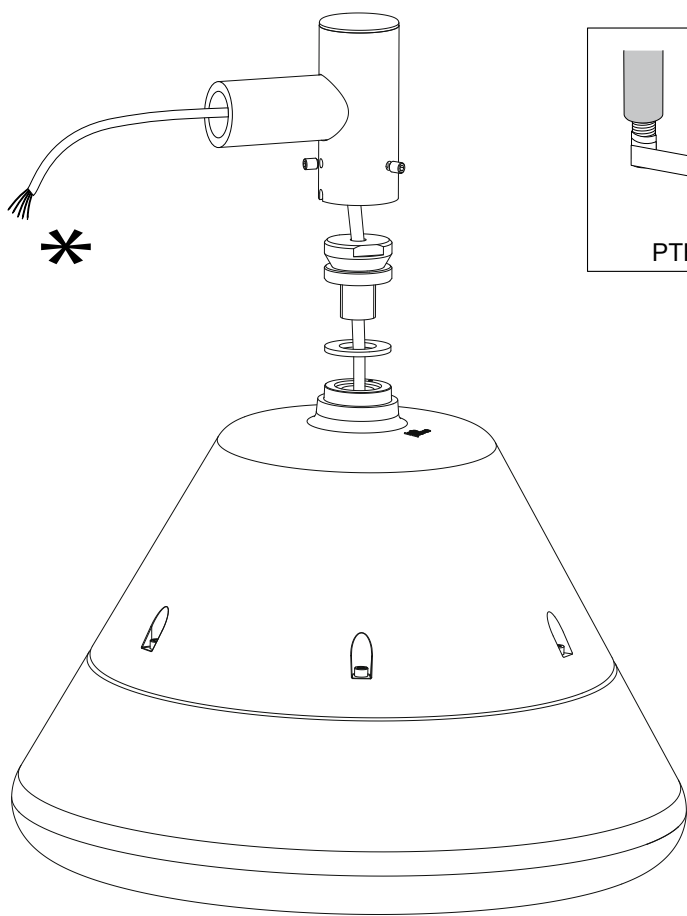


Light source	Voltage	Weight	Electric shock protection	Ingress protection
LED	Max 120-277V	18.3 Lbs	Cl. I	IP 66, wet location

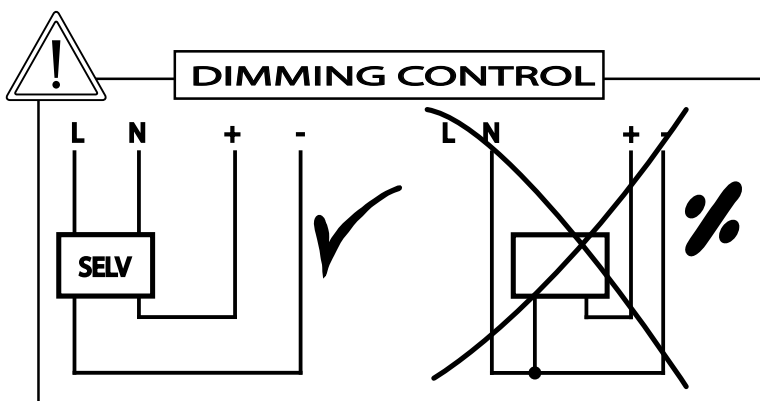
Recommended cleaning substances:  
Wipe off dust with a dry, soft cloth. Remove greasy spots etc. with a soft cloth dampened in lukewarm water (<122° F/ 50° C) with a mild detergent.

Warning: Scouring powder and similar substances will scratch surfaces.

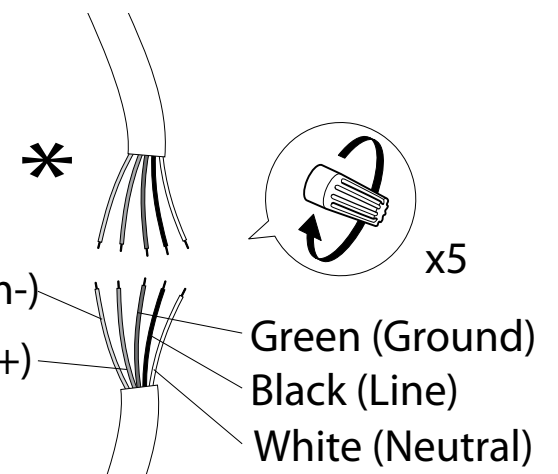
All installation is subject to local code and jurisdiction. Consult a qualified electrician to ensure correct branch circuit conductor.



For dimming wires use  
class 1 wiring methods.  
Cap dimming wires  
(separately) if not used

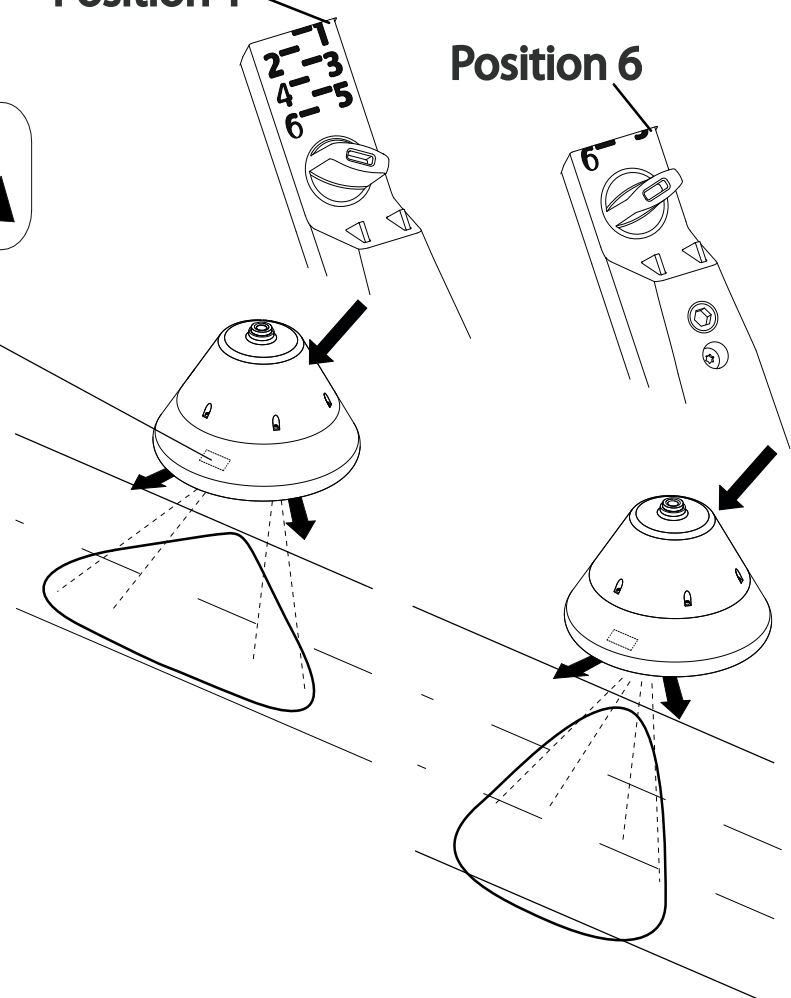
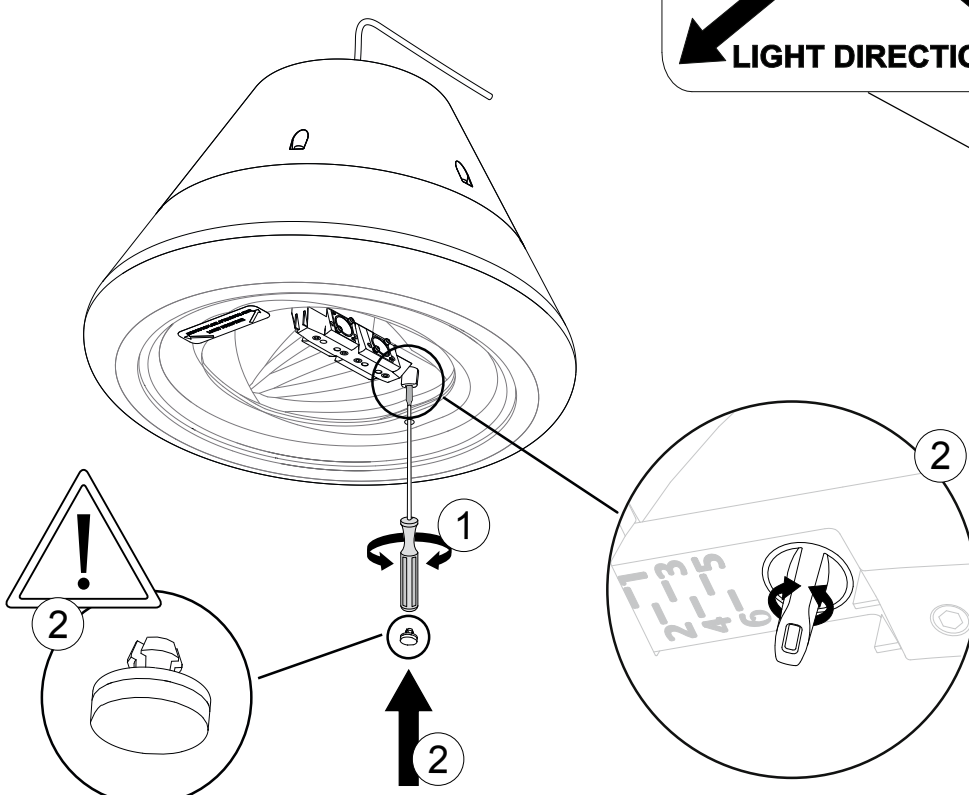


Refer to the instructions  
included with the Cable  
Hanger for mounting and  
wiring instructions



Position 1

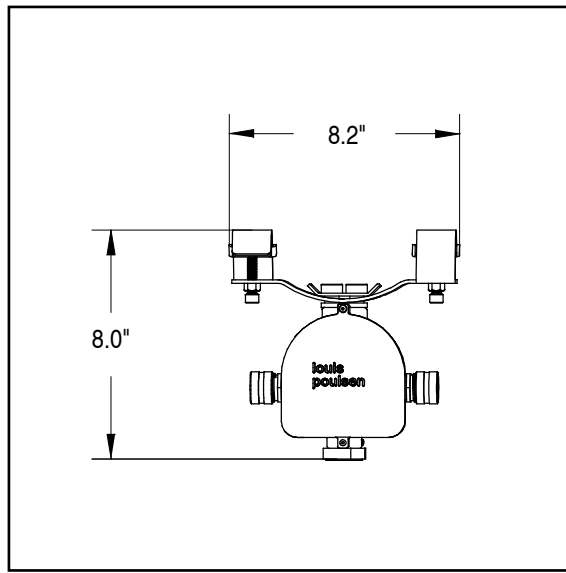
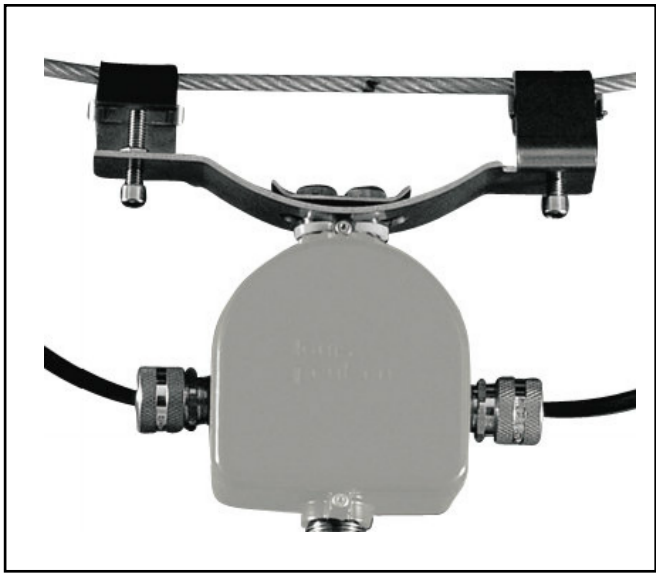
Position 6



# Cable hanger

**louis  
poulsen**

Design Alfred Homann



1440116000

Recommended cleaning substances:

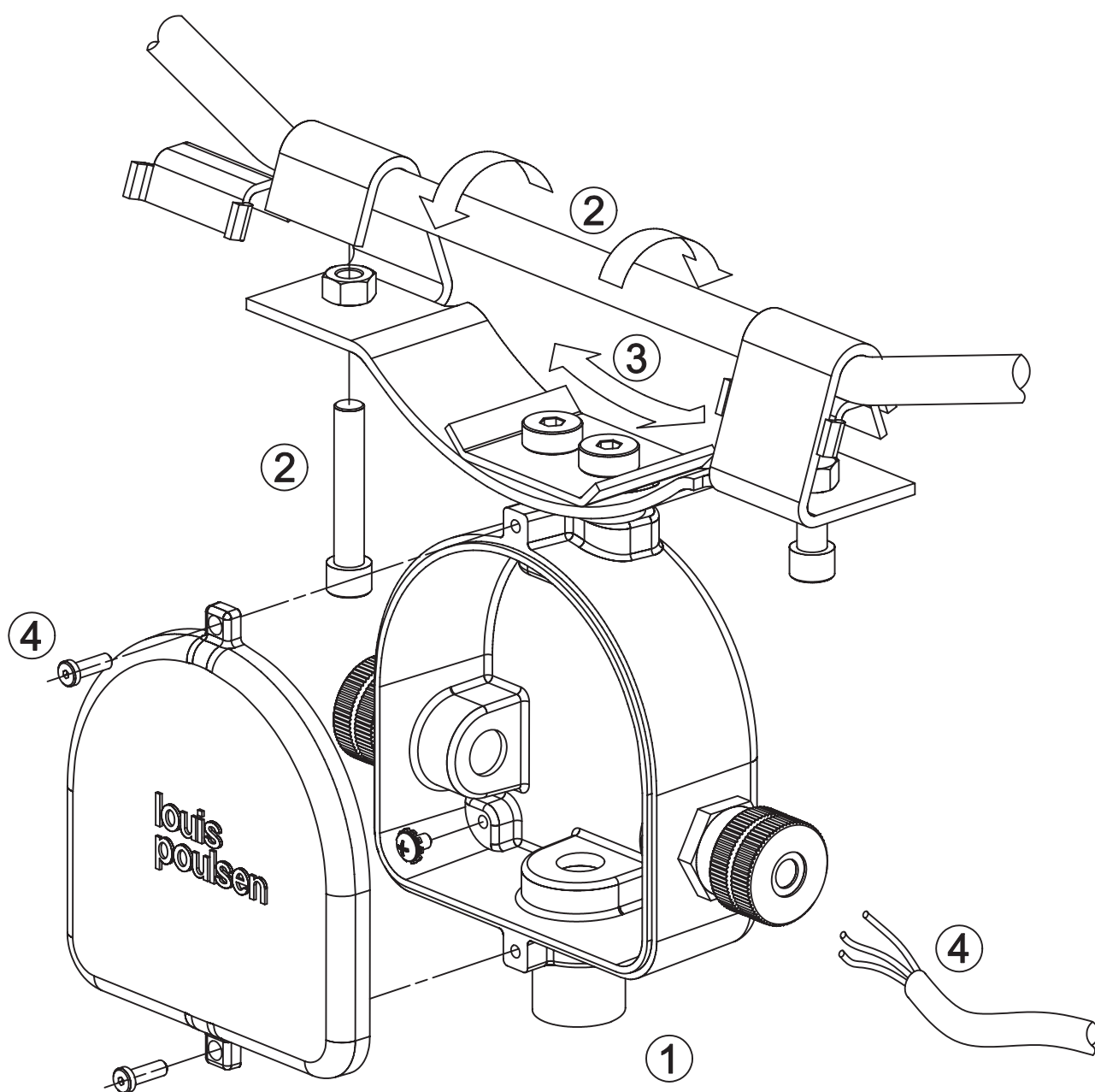
Wipe off dust with a dry, soft cloth. Remove greasy spots etc. with a soft cloth dampened in lukewarm water (<122° F/ 50° C) with a mild detergent.

Warning: Scouring powder and similar substances will scratch surfaces.

All installation is subject to local code and jurisdiction.

Consult a qualified electrician to ensure correct branch circuit conductor.

The installer must ensure that the foundation is stable and can support the luminaire's weight.



**Step 1:**  
Attach Wiring Compartment to top of luminaire and bring wires into Wire Compartment through lower nipple.

**Step 2:**  
Loosen span wire clamping bolts and engage mounting bracket over span wire (By others). Let luminaire hang free and then tighten clamping bolts. Use hex nuts to lock clamping bolts in tight position.

**Step 3:**  
Loosen hanging bolts one turn and let luminaire hang free. Tighten hanging bolts again.

**Step 4:**  
Open Wiring Compartment . Bring sow cable (By others) through water tight fitting. Wire luminaire according to enclosed wiring diagram. Close Wiring Compartment making sure gasket is properly seated.

**NOTE:** Water tight fitting uses different inserts for four different size ranges of cable O.D. (See wiring diagram)

**WARNING:** Hanging Bracket is designed to accept span wires from 1/4" O.D. to 1/2" O.D.. It is the installer's responsibility to make sure that the span wire selected is appropriate for the static and dynamic loads imposed by the luminaire and its attachments. Wiring Compartment is designed for attachment to a single luminaire head up to 60 Lb..

## WIRING DIAGRAM

