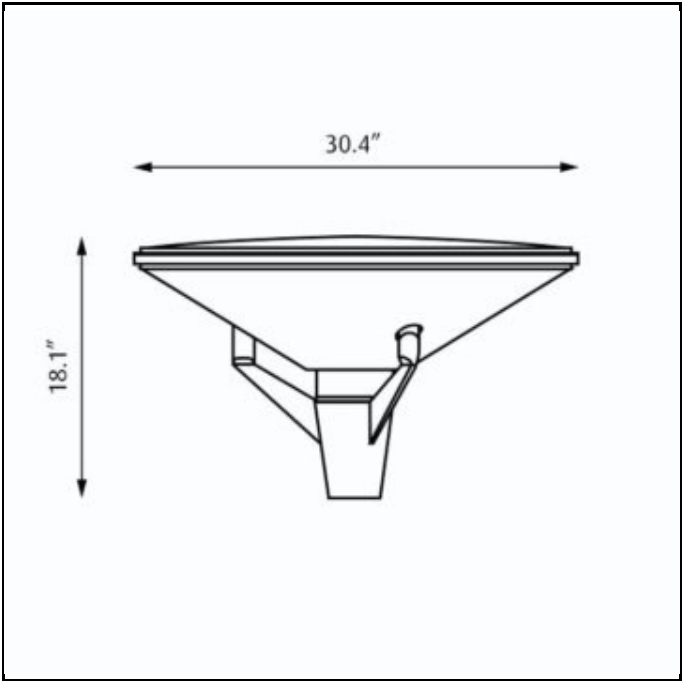


Kipp Post



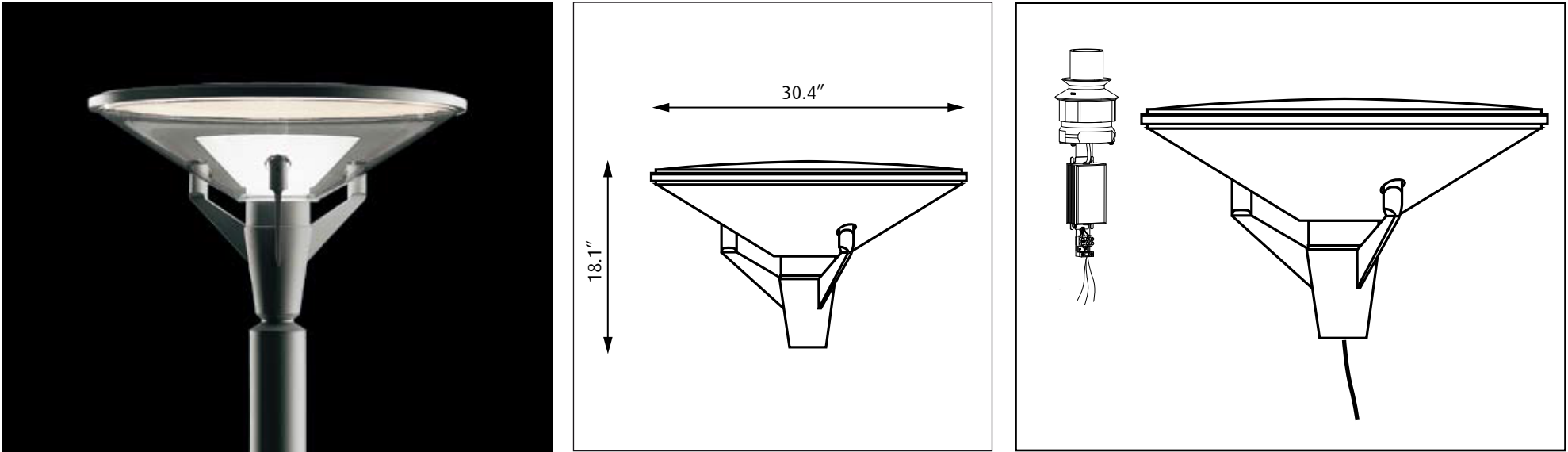
Design	Alfred Homann
Concept	The fixture emits symmetrical light directed downwards. The angle of the internal diffuser, together with the slightly curved top shade, ensures a wide band of glare-free, uniform lighting.
Finish	Black or natural painted aluminum, powder coated.
Material	Diffuser: Injection molded white opal acrylic. Top shade: Black or white, injection molded ASA. Enclosure: Injection molded U.V. stabilized clear polycarbonate. Frame: Die cast aluminum.
Mounting	Post top: Mounted on dual round aluminum (DRA) or round straight aluminum (RSA) pole.
Weight	Max. 29 lbs.
Label	cULus, Wet location. IBEW.

Product Code	Light source	Voltage	Finish	Electric shock protection cl.	Transition to pole	Options
KIP-PT	1/150W/CMH/T-6 G12	120/277V	BLK	NOT APPLICABLE	T-DRA-5"-3"	DIM 0-10V
	1/150W/MH/ED-17 medium	120-277V	NAT PAINT ALU	SURGE PROTECTOR	T-RSA-4.5"	DYNADIMMER
	1/85W/QL 2700 K	120V				NOT APPLICABLE
	104W LED/3000K	277V				
	104W LED/4000K					

Specification notes

- a. QL light source only available with 120V or 277V HF generator and only with T-RSA-4.5" transition to pole
- b. QL light source not available with surge and/or dimming options
- c. CMH or MH or LED light source with 120-277V ballast is only available with T-RSA-4.5" transition to pole
- d. CMH or MH light source with 120/277V ballast is only available with T-DRA-5"-3" transition to pole
- e. CMH or MH with surge and/or dimming options only available with T-RSA-4.5" transition to pole

Design Alfred Homann



Light source	Spannung/frequenz	Weight	Electric shock protection	Ingress protection
1/85W/QL 2700 K	120V or 277V	Max. 24 lbs	Cl. I	IP 66, Wet Location

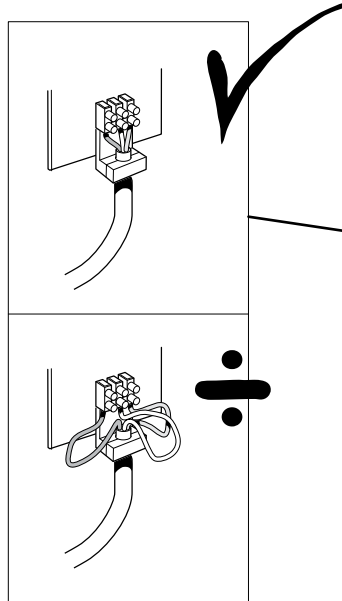
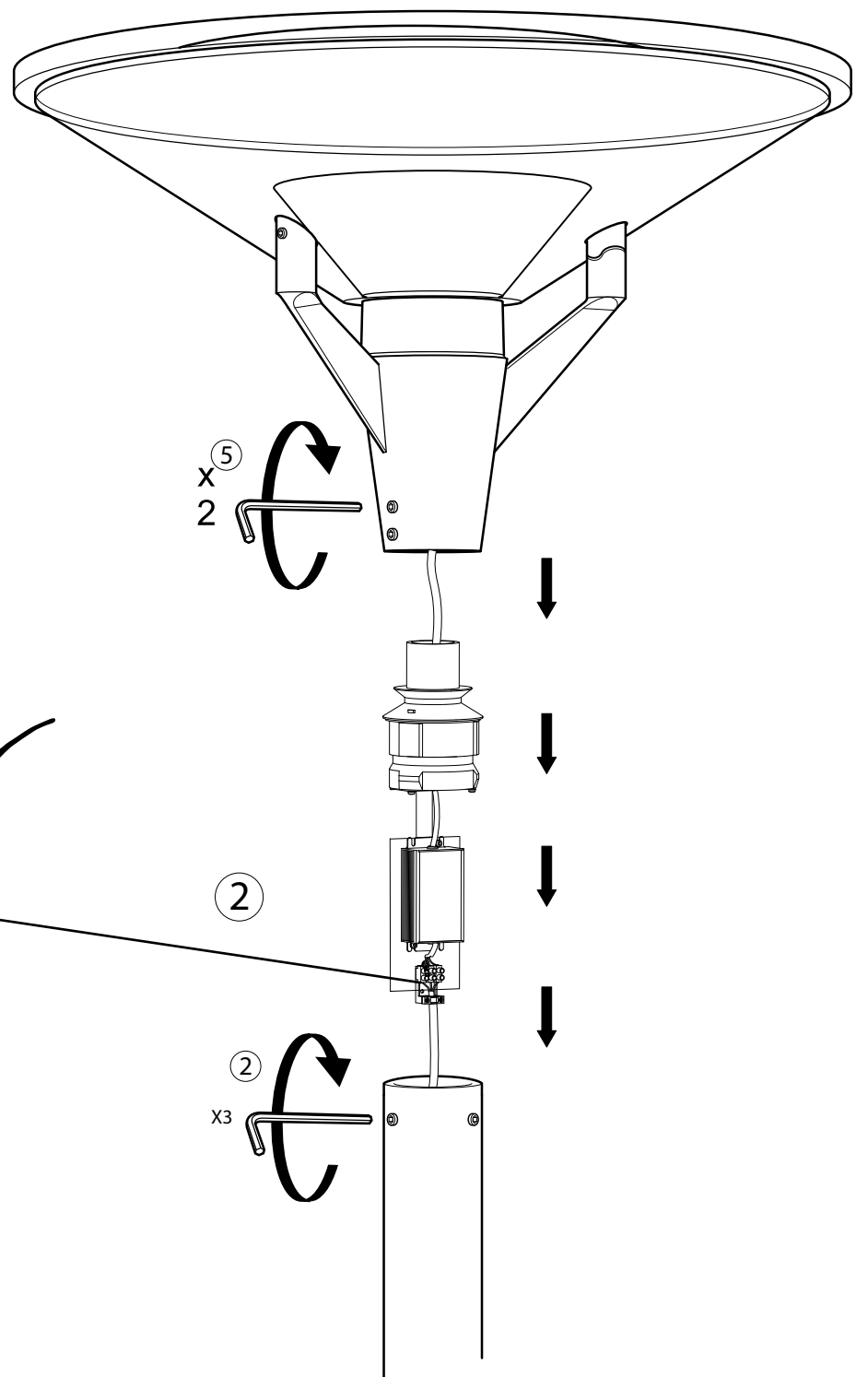
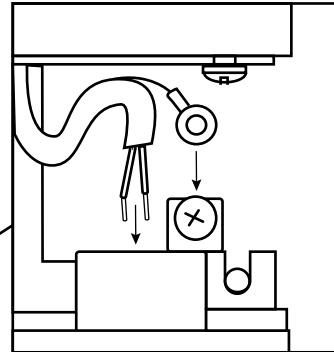
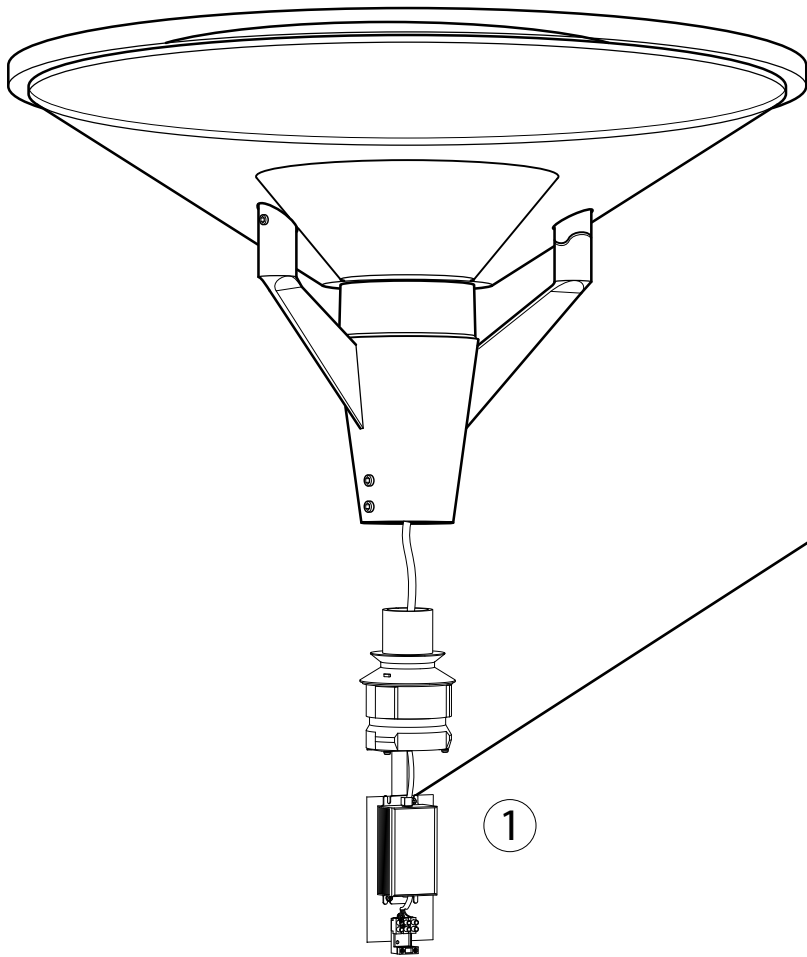
US It is recommended to use the supplied gloves when handling the glass directly! The luminaire may only be lifted/carried by the wire and never by the cable! The glassware in this luminaire is handcrafted. To ensure the intended lighting comfort, our glassware is blown. The process may generate air bubbles in the glass, just as its thickness may vary.

Recommended cleaning substances: Alcohol, detergent, water max. (122 °F /50 °C)
Warning: Scouring powder and similar substanices will scratch glass surfaces.



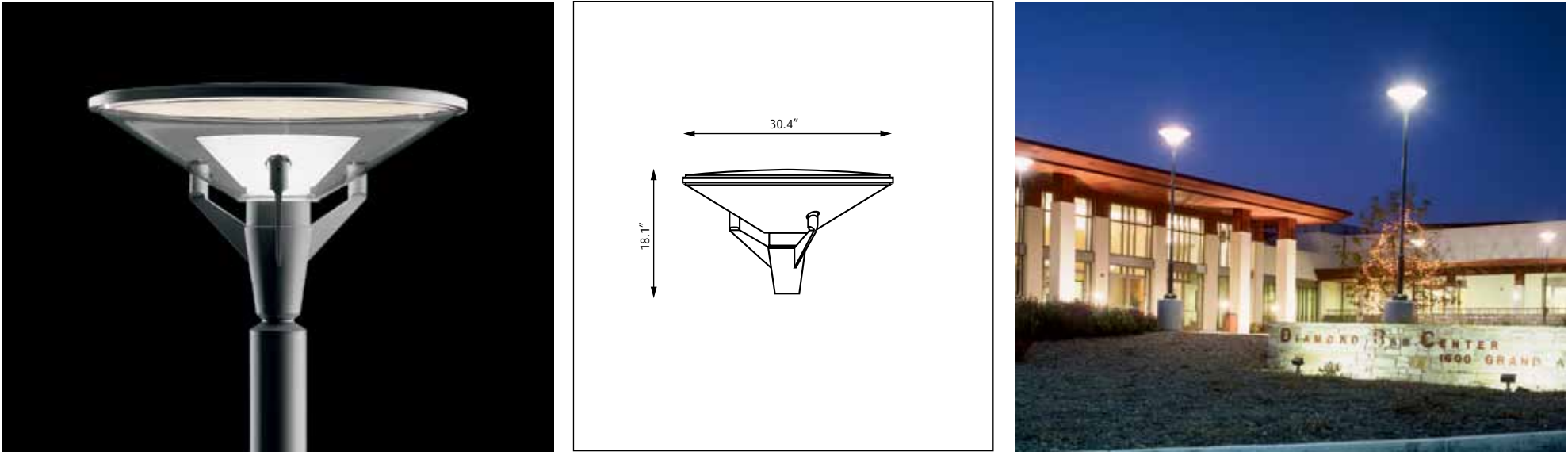
4mm

59780-54



NB! USE THE PROVIDED TENON

Design Alfred Homann



Light source	Voltage	Weight	Electric shock protection	Ingress protection
LED	Max 120-277V	29 Lbs	Cl. I	IP 66 Wet location

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

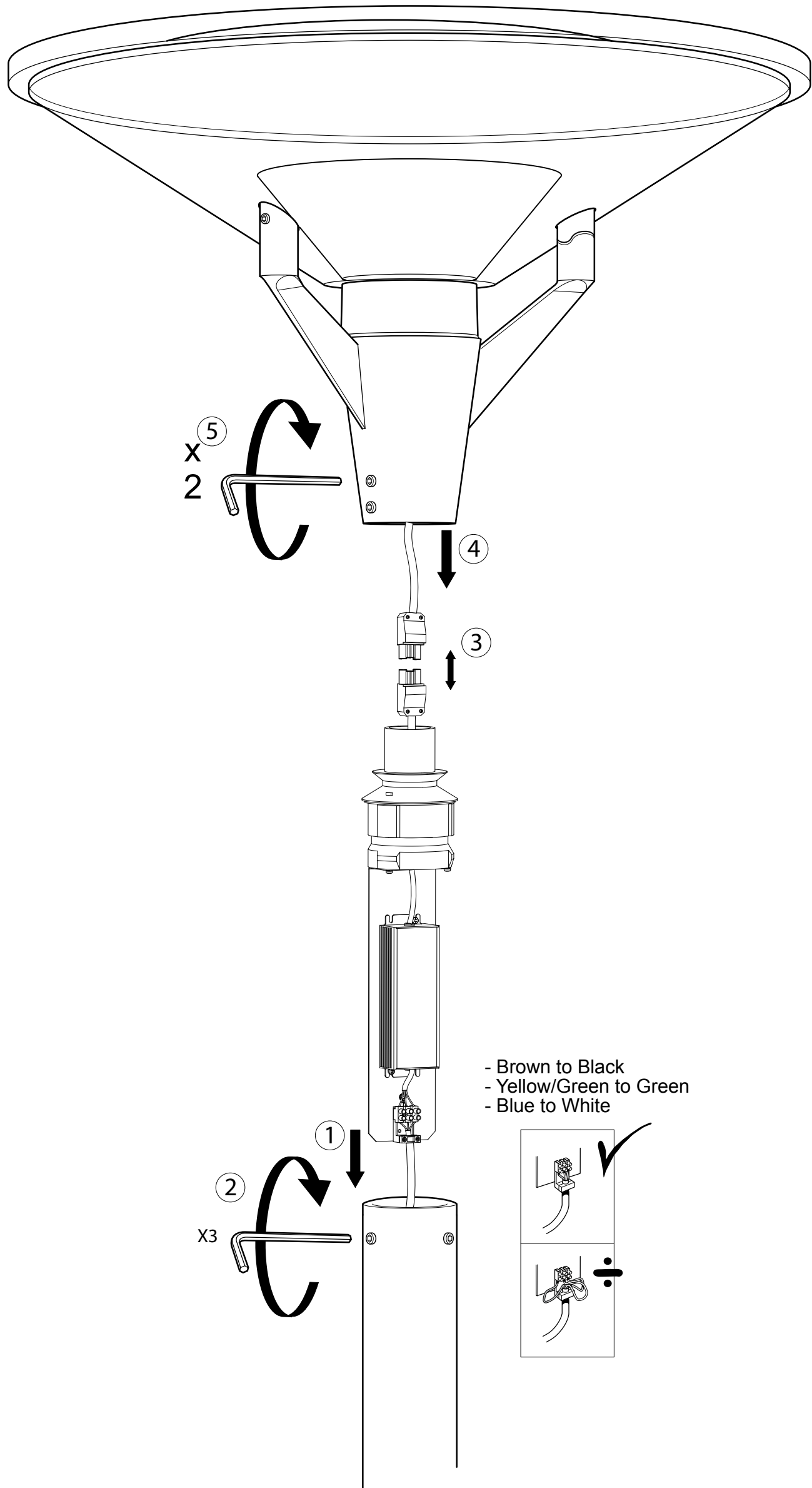
Warning: Scouring powder and similar substances will scratch surfaces.

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

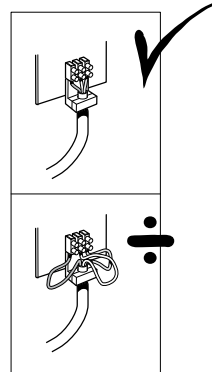


4mm

59583-I1

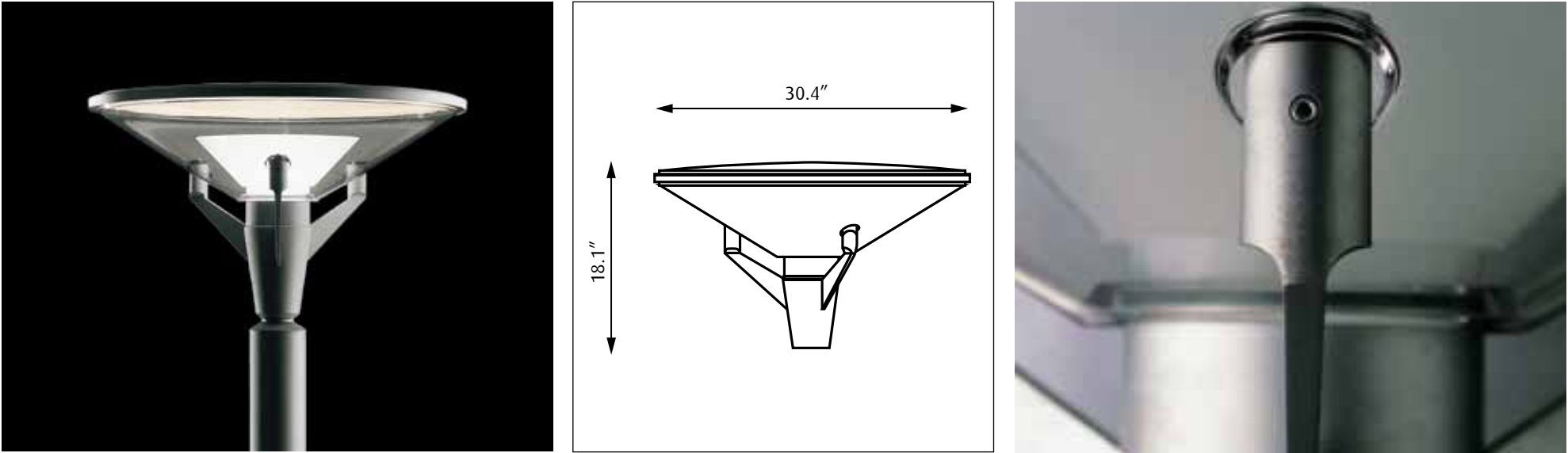


- Brown to Black
- Yellow/Green to Green
- Blue to White



NB! USE THE PROVIDED TENON

Design Alfred Homann



Light source	Voltage	Weight	Electric shock protection	Ingress protection
1/175W/MH/ED-17 medium 1/150W/CMH/T-6 G12	120/277V 120/277V	24 Lbs	Cl. I	IP 66, wet location

Recommended cleaning substances:

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

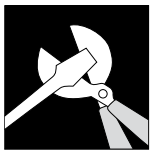
Warning: Scouring powder and similar substances will scratch surfaces.

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 luminiare’s
weight.

The Installer must use proper means to secure the luminiare to the ground.



6mm

59825-I1

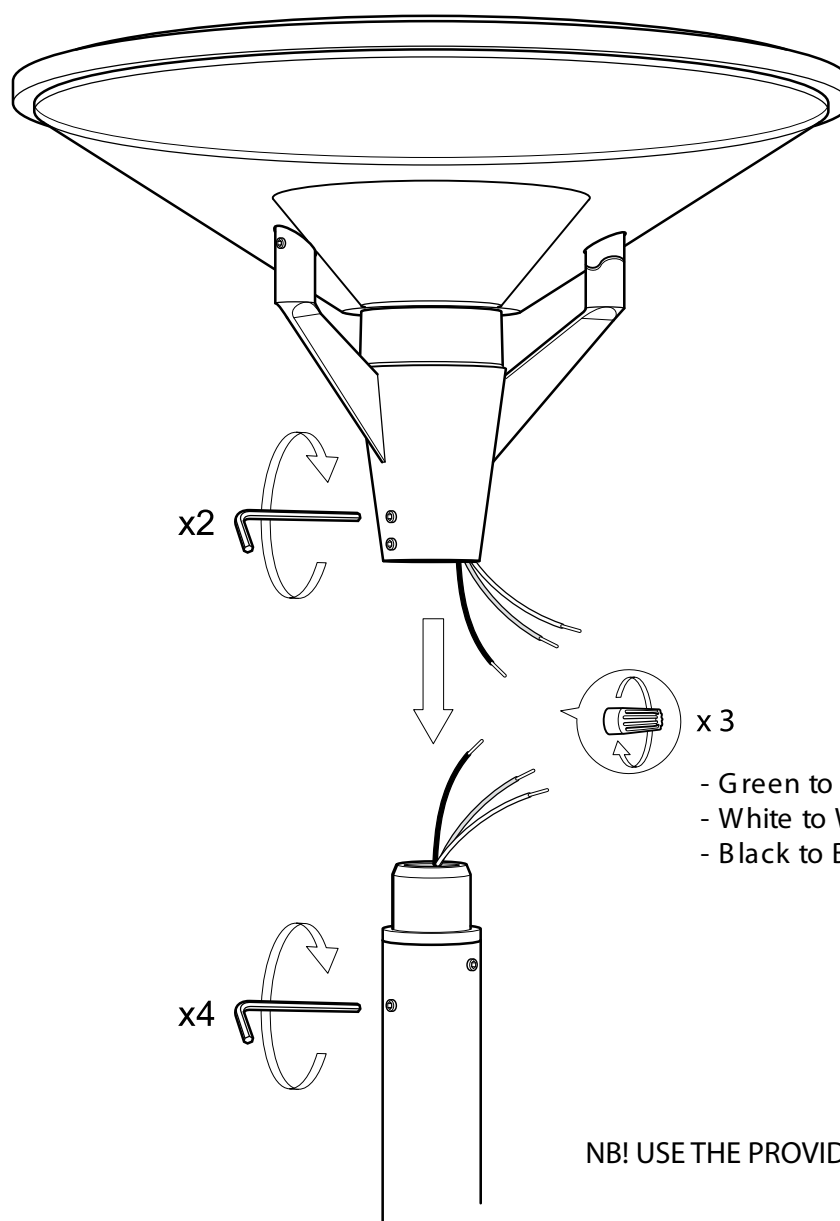


Lamp replacement Labels

This luminaire may have different light source options.

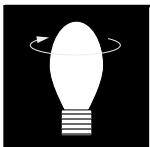
The installer must ensure that the lamp Replacement Label on the luminaire represents the appropriate light source and control gear.

During installation the installer must delete, with permanent marker, the lamp wattages that do not apply.

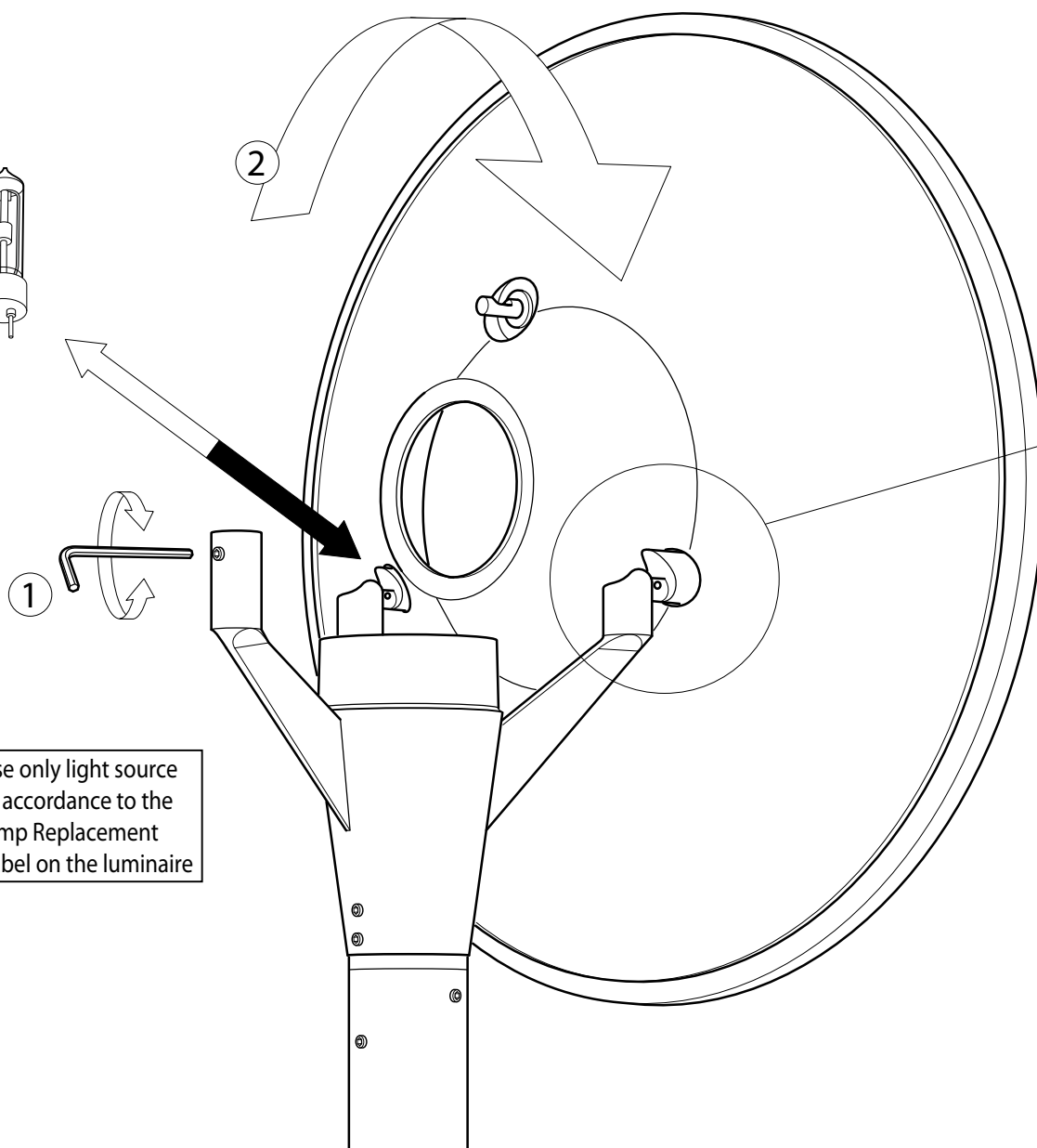
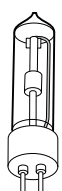
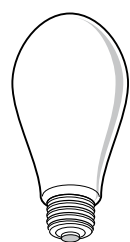


- Green to Green (ground)
- White to White
- Black to Black

NB! USE THE PROVIDED TENON



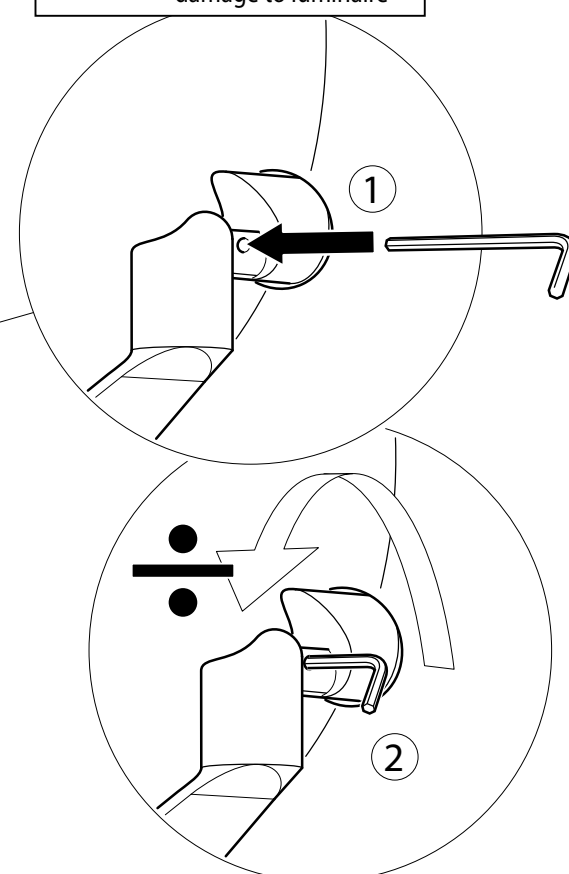
6mm



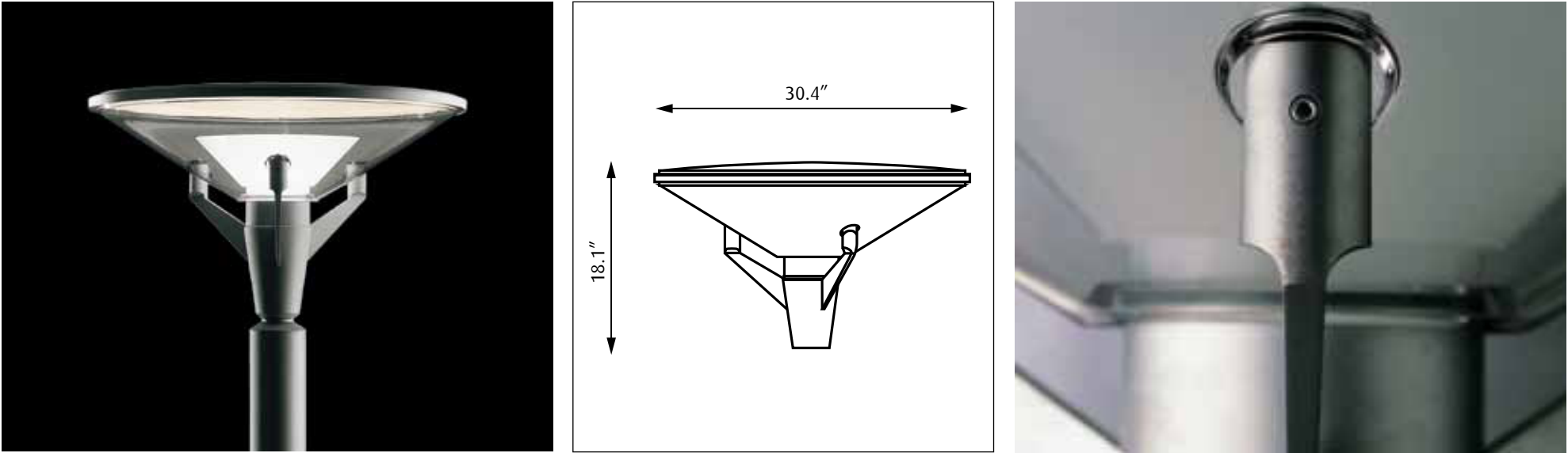
Use only light source in accordance to the lamp Replacement Label on the luminaire



Always lock tilt to prevent injury to installer and/or damage to luminaire



Design Alfred Homann



Light source	Voltage	Weight	Ingress protection
1/150W/MH/ED-17 medium 1/150W/CMH/T-6 G12 60W LED/3000K 60W LED/4000K 104W LED/3000K 104W LED/4000K	120V - 277V	24 Lbs	IP 66, wet location

Recommended cleaning substances:

Wipe off dust wiht a dry, soft cloth. Remove greasy spots etc. with a soft cloth dampe-
ned 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 luminiare’s
weight.

The Installer must use proper means to secure the luminiare to the ground.



6mm



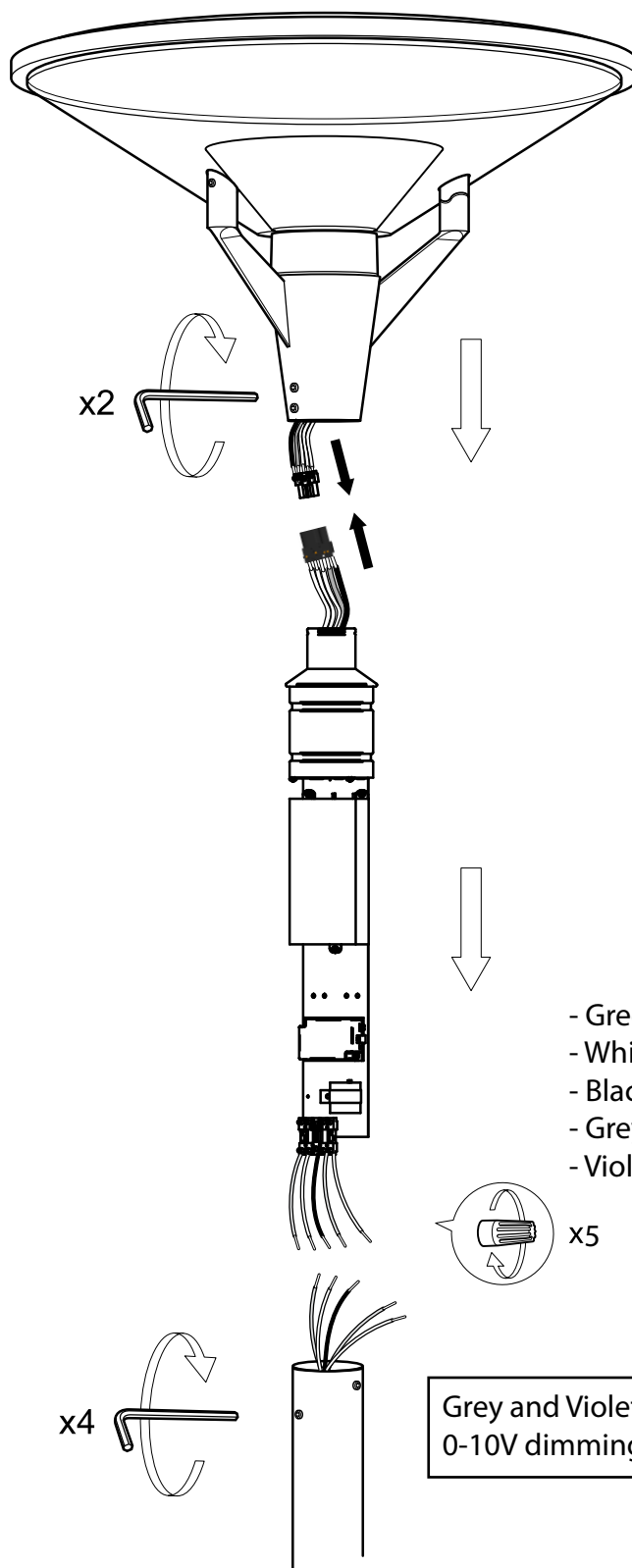
Lamp replacement Labels

This luminaire may have different light source options.

The installer must ensure that the lamp Replacement Label on the luminaire represents the appropriate light source and control gear.

During installation the installer must delete, with permanent marker, the lamp wattages that do not apply.

NB! USE THE PROVIDED TENON

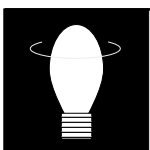


- Green to Green (ground)
- White to White (neutral)
- Black to Black (line)
- Grey to Grey (Dim-)
- Violet to Violet (Dim+)

x5

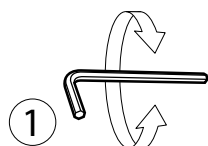
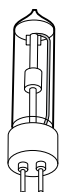
x4

Grey and Violet only to be connected to a 0-10V dimming signal, otherwise cap them.

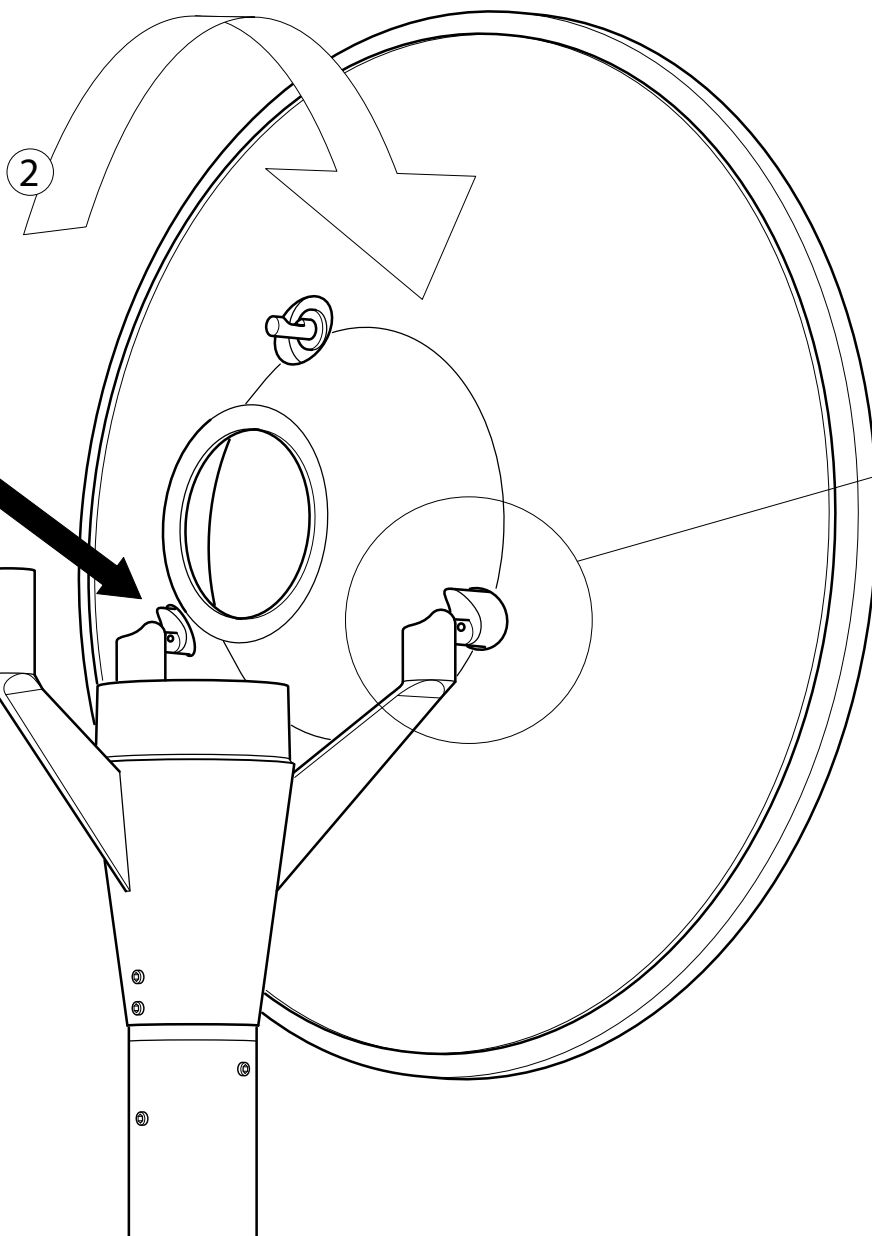


HID ONLY

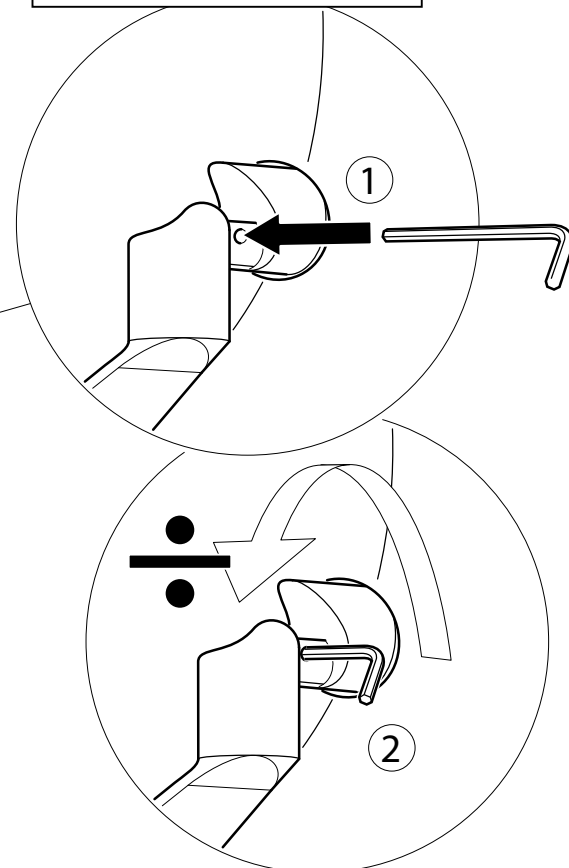
6mm



Use only light source in accordance to the lamp Replacement Label on the luminaire



Always lock tilt to prevent injury to installer and/or damage to luminaire

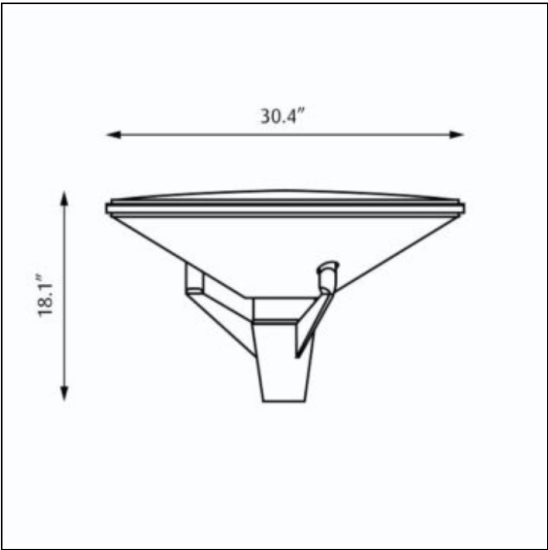


Kipp Post

KIP-PT-QL

PRODUCT SPECIFICATION

Product description



Design	Alfred Homann					
Concept	The fixture emits symmetrical light directed downwards. The angle of the internal diffuser, together with the slightly curved top shade, ensures a wide band of glare-free, uniform lighting.					
Finish	Black or natural painted aluminum, powder coated.					
Material	Diffuser: Injection molded white opal acrylic. Top shade: Black or white, injection molded ASA. Enclosure: Injection molded U.V. stabilized clear polycarbonate. Frame: Die cast aluminum.					
Mounting	Post top: Mounted on dual round aluminum (DRA) or round straight aluminum (RSA) pole.					
Weight	Max. 29 lbs.					
Label	cULus, Wet location. IBEW.					

Product Code	Light source	Voltage	Finish	Electric shock protection cl.	Transition to pole	Options
KIP-PT	1/150W/CMH/T-6 G12	120/277V	BLK	NOT APPLICABLE	T-DRA-5"-3"	DIM 0-10V
	1/150W/MH/ED-17 medium	120-277V	NAT PAINT ALU	SURGE PROTECTOR	T-RSA-4.5"	DYNADIMMER
	1/85W/QL 2700 K	120V				NOT APPLICABLE
	104W LED/3000K	277V				
	104W LED/4000K					

Specification notes

a. QL light source only available with 120V or 277V HF generator and only with T-RSA-4.5" transition to pole

b. QL light source not available with surge and/or dimming options

c. CMH or MH or LED light source with 120-277V ballast is only available with T-RSA-4.5" transition to pole

d. CMH or MH light source with 120/277V ballast is only available with T-DRA-5"-3" transition to pole

e. CMH or MH with surge and/or dimming options only available with T-RSA-4.5" transition to pole

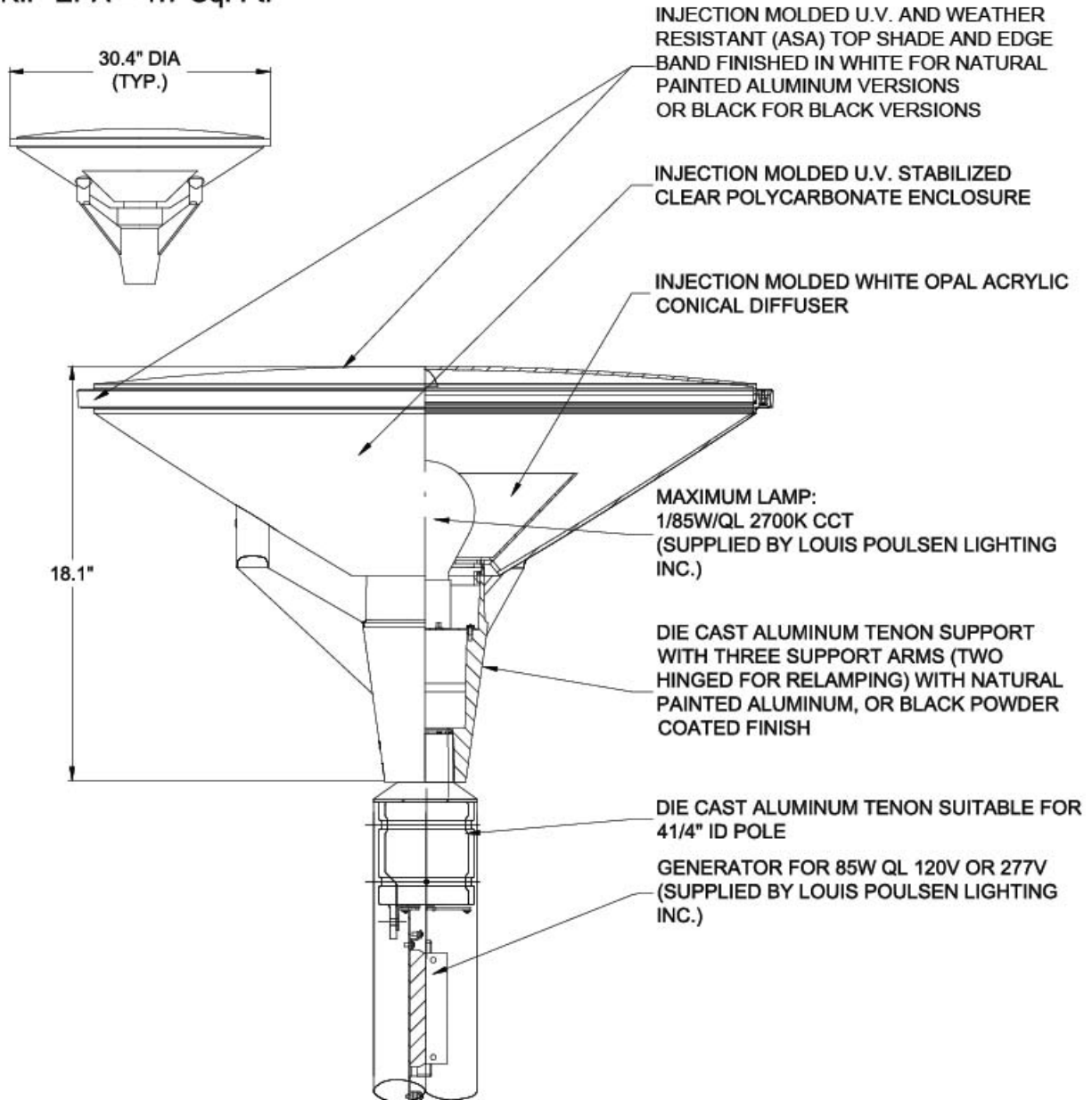
Kipp Post

KIP-PT-QL

PRODUCT SPECIFICATION

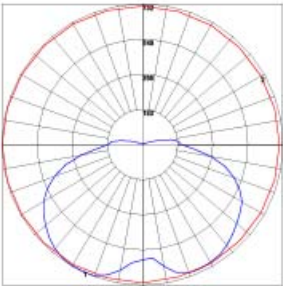
Material description

KIP-EPA = 1.7 Sq. Ft.



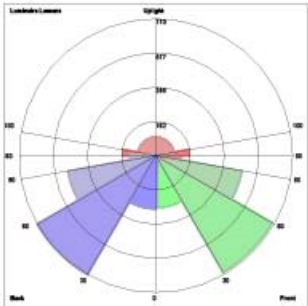
Light Measurements

Photometric Report: KIP-1-85W-QL
Report No: LP2790
Poulsen Report No: KIP-1-85W-QL
Luminaire: KIPP POST
Lamp: 1/85W/QL
Efficiency: 61%
Description: All data shown are per 6000 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	602
5	594
15	602
25	714
35	701
45	663
55	620
65	559
75	446
90	201
120	2
150	2
180	2

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0-20	254.93	4.20	6.90
0-30	587.60	9.80	16.00
0-40	1032.87	17.20	28.10
0-60	2111.9	35.20	57.50
0-80	3103.03	51.70	84.50
0-90	3385.62	56.40	92.20
10-90	3326.39	55.40	90.60
20-40	777.94	13.00	21.20
20-50	1299.4	21.70	35.40
40-70	1622.06	27.00	44.20
60-80	991.14	16.50	27.00
70-80	448.11	7.50	12.20
80-90	282.59	4.70	7.70
90-110	270.19	4.50	7.40
90-120	282.64	4.70	7.70
90-130	283.77	4.70	7.70
90-150	285.58	4.80	7.80
90-180	287.19	4.80	7.80
110-180	17.00	0.30	0.50
0-180	3672.81	61.20	100.00



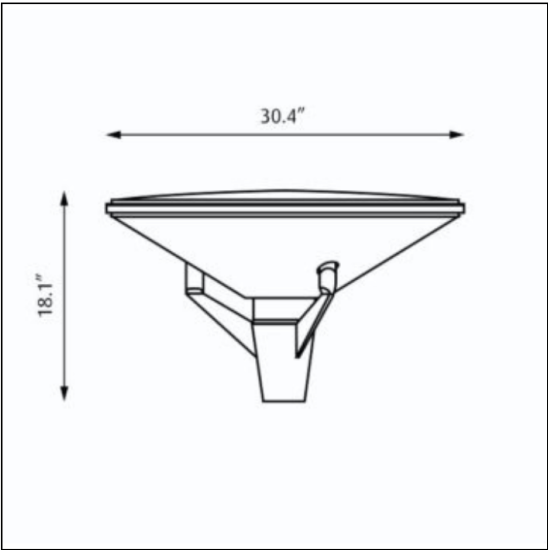
LUMINAIRE CLASSIFICATION SYSTEM (LCS)			
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	291.5	4.9	7.9
FM - Front-Medium (30-60)	754.8	12.6	20.6
FH - Front-High (60-80)	490.0	8.2	13.3
FVH - Front-Very High (80-90)	139.2	2.3	3.8
BL - Back-Low (0-30)	298.1	4.9	8.1
BM - Back-Medium (30-60)	769.5	12.8	21.0
BH - Back-High (60-80)	501.1	8.4	13.6
BVH - Back-Very High (80-90)	143.4	2.4	3.9
UL - Uplight-Low (90-100)	186.4	3.1	5.1
UH - Uplight-High (100-180)	100.8	1.7	2.7
Total	3672.8	61.3	100.0
BUG Rating	B2-U3-G2		

Kipp Post

KIP-PT-LED-V3-SURGE PROT+DYNA

PRODUCT SPECIFICATION

Product description



Design	Alfred Homann
Concept	The fixture emits symmetrical light directed downwards. The angle of the internal diffuser, together with the slightly curved top shade, ensures a wide band of glare-free, uniform lighting.
Finish	Black or natural painted aluminum, powder coated.
Material	Diffuser: Injection molded white opal acrylic. Top shade: Black or white, injection molded ASA. Enclosure: Injection molded U.V. stabilized clear polycarbonate. Frame: Die cast aluminum.
Mounting	Post top: Mounted on dual round aluminum (DRA) or round straight aluminum (RSA) pole.
Weight	Max. 29 lbs.
Label	cULus, Wet location. IBEW.

Product Code	Light source	Voltage	Finish	Electric shock protection cl.	Transition to pole	Options
KIP-PT	1/150W/CMH/T-6 G12	120/277V	BLK	NOT APPLICABLE	T-DRA-5"-3"	DIM 0-10V
	1/150W/MH/ED-17 medium	120-277V	NAT PAINT ALU	SURGE PROTECTOR	T-RSA-4.5"	DYNADIMMER
	1/85W/QL 2700 K	120V				NOT APPLICABLE
	104W LED/3000K	277V				
	104W LED/4000K					

Specification notes

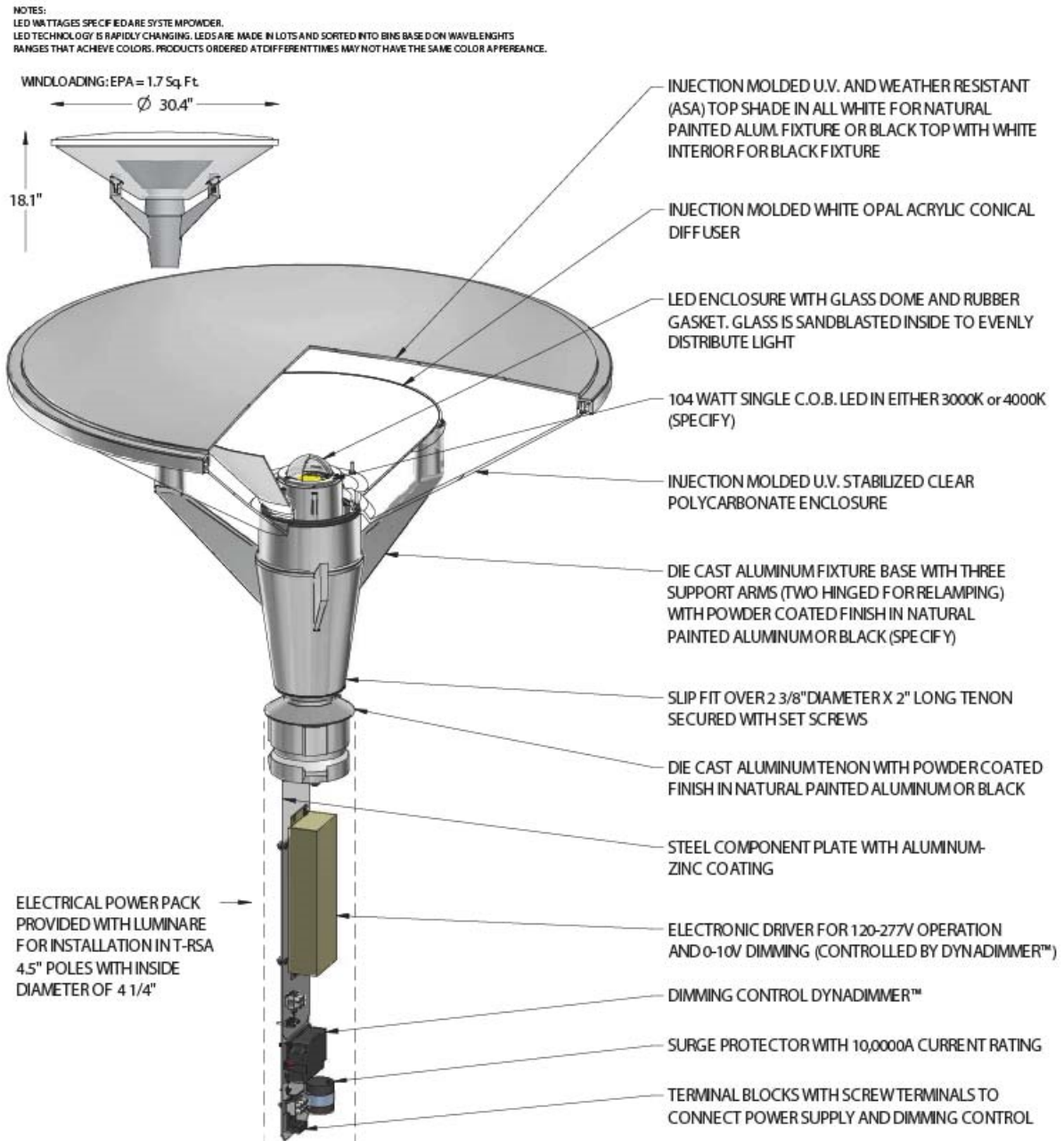
- a. QL light source only available with 120V or 277V HF generator and only with T-RSA-4.5" transition to pole
- b. QL light source not available with surge and/or dimming options
- c. CMH or MH or LED light source with 120-277V ballast is only available with T-RSA-4.5" transition to pole
- d. CMH or MH light source with 120/277V ballast is only available with T-DRA-5"-3" transition to pole
- e. CMH or MH with surge and/or dimming options only available with T-RSA-4.5" transition to pole

Kipp Post

KIP-PT-LED-V3-SURGE PROT+DYNA

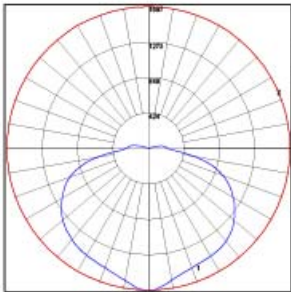
PRODUCT SPECIFICATION

Material description

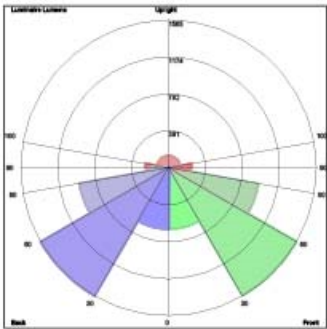


Light Measurements

Photometric Report: KIP-PT-104W LED-V3
Report No: ITL80589
Poulsen Report No: KIP-PT-104W LED-V3
Luminaire: KIP POST
Lamp: 104W/LED/4000K
Description: All data shown are per 7129 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	1697
5	1664
15	1549
25	1500
35	1474
45	1401
55	1261
65	1071
75	786
90	216
120	0
150	0
180	0



Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0-20	596.15	N.A.	8.40
0-30	1289.58	N.A.	18.10
0-40	2208.54	N.A.	31.00
0-60	4415.58	N.A.	61.90
0-80	6338.33	N.A.	88.90
0-90	6762.95	N.A.	94.90
10-90	6606.12	N.A.	92.70
20-40	1612.4	N.A.	22.60
20-50	2688.6	N.A.	37.70
40-70	3278.28	N.A.	46.00
60-80	1922.76	N.A.	27.00
70-80	851.51	N.A.	11.90
80-90	424.62	N.A.	6.00
90-110	357.44	N.A.	5.00
90-120	366.33	N.A.	5.10
90-130	366.33	N.A.	5.10
90-150	366.33	N.A.	5.10
90-180	366.33	N.A.	5.10
110-180	8.89	N.A.	0.10
0-180	7129.28	N.A.	100.00

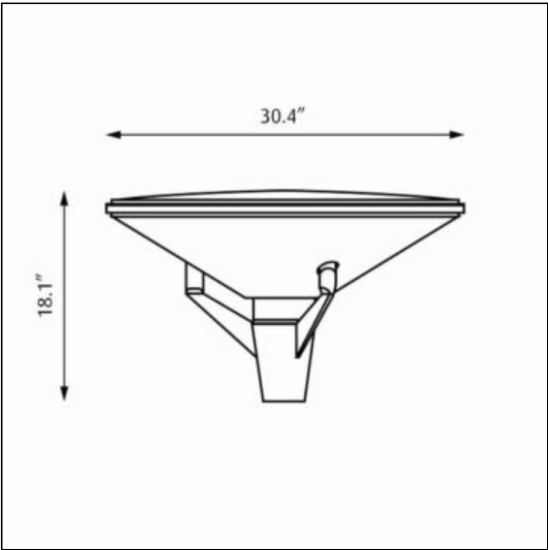
LUMINAIRE CLASSIFICATION SYSTEM (LCS)			
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	645.1	N.A.	9.0
FM - Front-Medium (30-60)	1561.3	N.A.	21.9
FH - Front-High (60-80)	964.3	N.A.	13.5
FVH - Front-Very High (80-90)	213.1	N.A.	3.0
BL - Back-Low (0-30)	644.5	N.A.	9.0
BM - Back-Medium (30-60)	1564.7	N.A.	21.9
BH - Back-High (60-80)	958.5	N.A.	13.4
BVH - Back-Very High (80-90)	211.5	N.A.	3.0
UL - Uplight-Low (90-100)	243.4	N.A.	3.4
UH - Uplight-High (100-180)	122.9	N.A.	
Total	7129.3	N.A.	100.0
BUG Rating	B2-U3-G2		

Kipp Post

KIP-PT-LED-V3-SURGE PROT

PRODUCT SPECIFICATION

Product description



Design	Alfred Homann
Concept	The fixture emits symmetrical light directed downwards. The angle of the internal diffuser, together with the slightly curved top shade, ensures a wide band of glare-free, uniform lighting.
Finish	Black or natural painted aluminum, powder coated.
Material	Diffuser: Injection molded white opal acrylic. Top shade: Black or white, injection molded ASA. Enclosure: Injection molded U.V. stabilized clear polycarbonate. Frame: Die cast aluminum.
Mounting	Post top: Mounted on dual round aluminum (DRA) or round straight aluminum (RSA) pole.
Weight	Max. 29 lbs.
Label	cULus, Wet location. IBEW.

Product Code	Light source	Voltage	Finish	Electric shock protection cl.	Transition to pole	Options
KIP-PT	1/150W/CMH/T-6 G12	120/277V	BLK	NOT APPLICABLE	T-DRA-5"-3"	DIM 0-10V
	1/150W/MH/ED-17 medium	120-277V	NAT PAINT ALU	SURGE PROTECTOR	T-RSA-4.5"	DYNADIMMER
	1/85W/QL 2700 K	120V				NOT APPLICABLE
	104W LED/3000K	277V				
	104W LED/4000K					

Specification notes

a. QL light source only available with 120V or 277V HF generator and only with T-RSA-4.5" transition to pole

b. QL light source not available with surge and/or dimming options

c. CMH or MH or LED light source with 120-277V ballast is only available with T-RSA-4.5" transition to pole

d. CMH or MH light source with 120/277V ballast is only available with T-DRA-5"-3" transition to pole

e. CMH or MH with surge and/or dimming options only available with T-RSA-4.5" transition to pole

Kipp Post

KIP-PT-LED-V3-SURGE PROT

PRODUCT SPECIFICATION

Material description

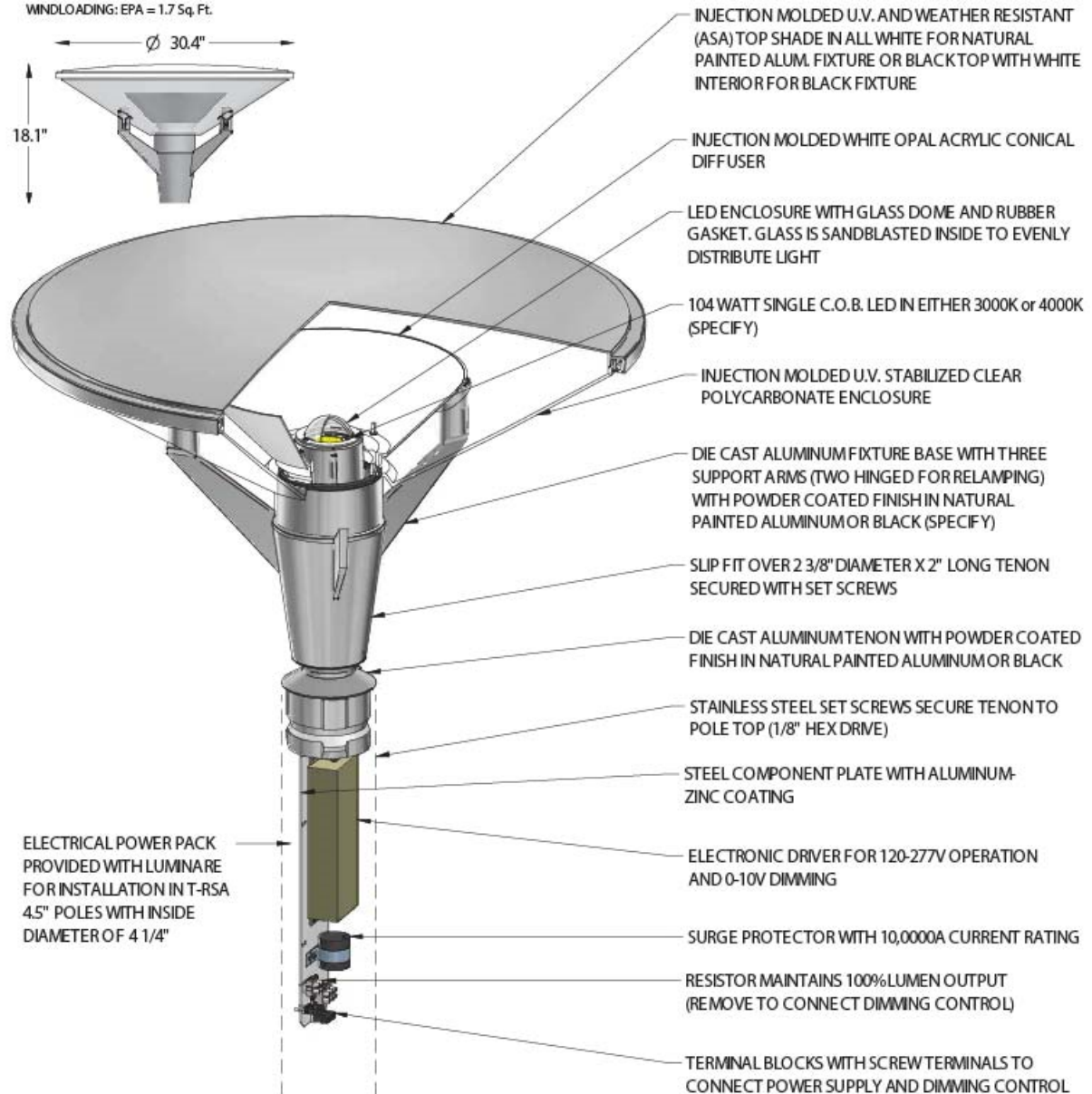
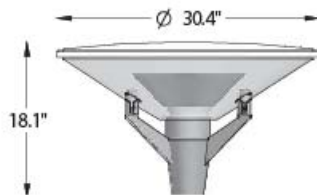
NOTES:

LED WATTAGES SPECIFIED ARE SYSTEM POWDER.

LED TECHNOLOGY IS RAPIDLY CHANGING. LEDs ARE MADE IN LOTS AND SORTED INTO BINS BASED ON WAVELENGTHS

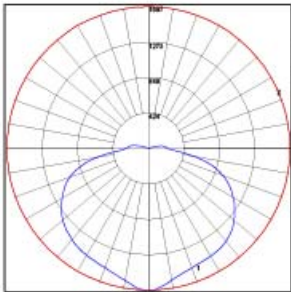
RANGES THAT ACHIEVE COLORS. PRODUCTS ORDERED AT DIFFERENT TIMES MAY NOT HAVE THE SAME COLOR APPEARANCE.

WINDLOADING: EPA = 1.7 Sq. Ft.

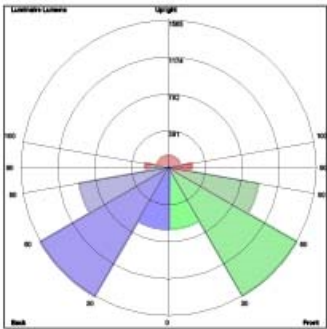


Light Measurements

Photometric Report: KIP-PT-104W LED-V3
Report No: ITL80589
Poulsen Report No: KIP-PT-104W LED-V3
Luminaire: KIP POST
Lamp: 104W/LED/4000K
Description: All data shown are per 7129 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	1697
5	1664
15	1549
25	1500
35	1474
45	1401
55	1261
65	1071
75	786
90	216
120	0
150	0
180	0



Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0-20	596.15	N.A.	8.40
0-30	1289.58	N.A.	18.10
0-40	2208.54	N.A.	31.00
0-60	4415.58	N.A.	61.90
0-80	6338.33	N.A.	88.90
0-90	6762.95	N.A.	94.90
10-90	6606.12	N.A.	92.70
20-40	1612.4	N.A.	22.60
20-50	2688.6	N.A.	37.70
40-70	3278.28	N.A.	46.00
60-80	1922.76	N.A.	27.00
70-80	851.51	N.A.	11.90
80-90	424.62	N.A.	6.00
90-110	357.44	N.A.	5.00
90-120	366.33	N.A.	5.10
90-130	366.33	N.A.	5.10
90-150	366.33	N.A.	5.10
90-180	366.33	N.A.	5.10
110-180	8.89	N.A.	0.10
0-180	7129.28	N.A.	100.00

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

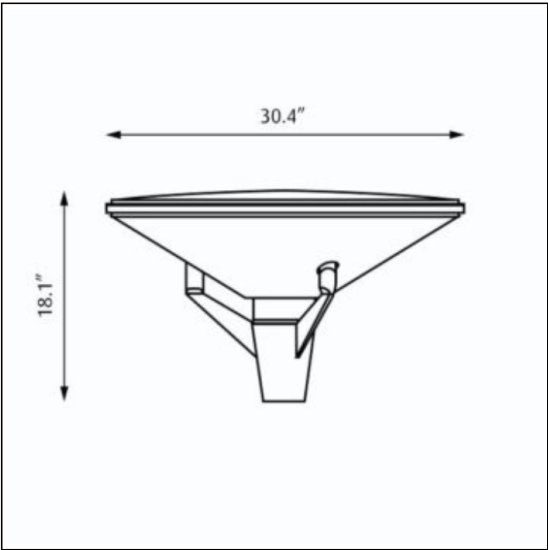
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	845.1	N.A.	9.0
FM - Front-Medium (30-60)	1561.3	N.A.	21.9
FH - Front-High (60-80)	964.3	N.A.	13.5
FVH - Front-Very High (80-90)	213.1	N.A.	3.0
BL - Back-Low (0-30)	644.5	N.A.	9.0
BM - Back-Medium (30-60)	1564.7	N.A.	21.9
BH - Back-High (60-80)	958.5	N.A.	13.4
BVH - Back-Very High (80-90)	211.5	N.A.	3.0
UL - Uplight-Low (90-100)	243.4	N.A.	3.4
UH - Uplight-High (100-180)	122.9	N.A.	
Total	7129.3	N.A.	100.0
BUG Rating	B2-U3-G2		

Kipp Post

KIP-PT-LED-V3-DYNA

PRODUCT SPECIFICATION

Product description



Design	Alfred Homann
Concept	The fixture emits symmetrical light directed downwards. The angle of the internal diffuser, together with the slightly curved top shade, ensures a wide band of glare-free, uniform lighting.
Finish	Black or natural painted aluminum, powder coated.
Material	Diffuser: Injection molded white opal acrylic. Top shade: Black or white, injection molded ASA. Enclosure: Injection molded U.V. stabilized clear polycarbonate. Frame: Die cast aluminum.
Mounting	Post top: Mounted on dual round aluminum (DRA) or round straight aluminum (RSA) pole.
Weight	Max. 29 lbs.
Label	cULus, Wet location. IBEW.

Product Code	Light source	Voltage	Finish	Electric shock protection cl.	Transition to pole	Options
KIP-PT	1/150W/CMH/T-6 G12	120/277V	BLK	NOT APPLICABLE	T-DRA-5"-3"	DIM 0-10V
	1/150W/MH/ED-17 medium	120-277V	NAT PAINT ALU	SURGE PROTECTOR	T-RSA-4.5"	DYNADIMMER
	1/85W/QL 2700 K	120V				NOT APPLICABLE
	104W LED/3000K	277V				
	104W LED/4000K					

Specification notes

- a. QL light source only available with 120V or 277V HF generator and only with T-RSA-4.5" transition to pole
- b. QL light source not available with surge and/or dimming options
- c. CMH or MH or LED light source with 120-277V ballast is only available with T-RSA-4.5" transition to pole
- d. CMH or MH light source with 120/277V ballast is only available with T-DRA-5"-3" transition to pole
- e. CMH or MH with surge and/or dimming options only available with T-RSA-4.5" transition to pole

Kipp Post

KIP-PT-LED-V3-DYNA

PRODUCT SPECIFICATION

Material description

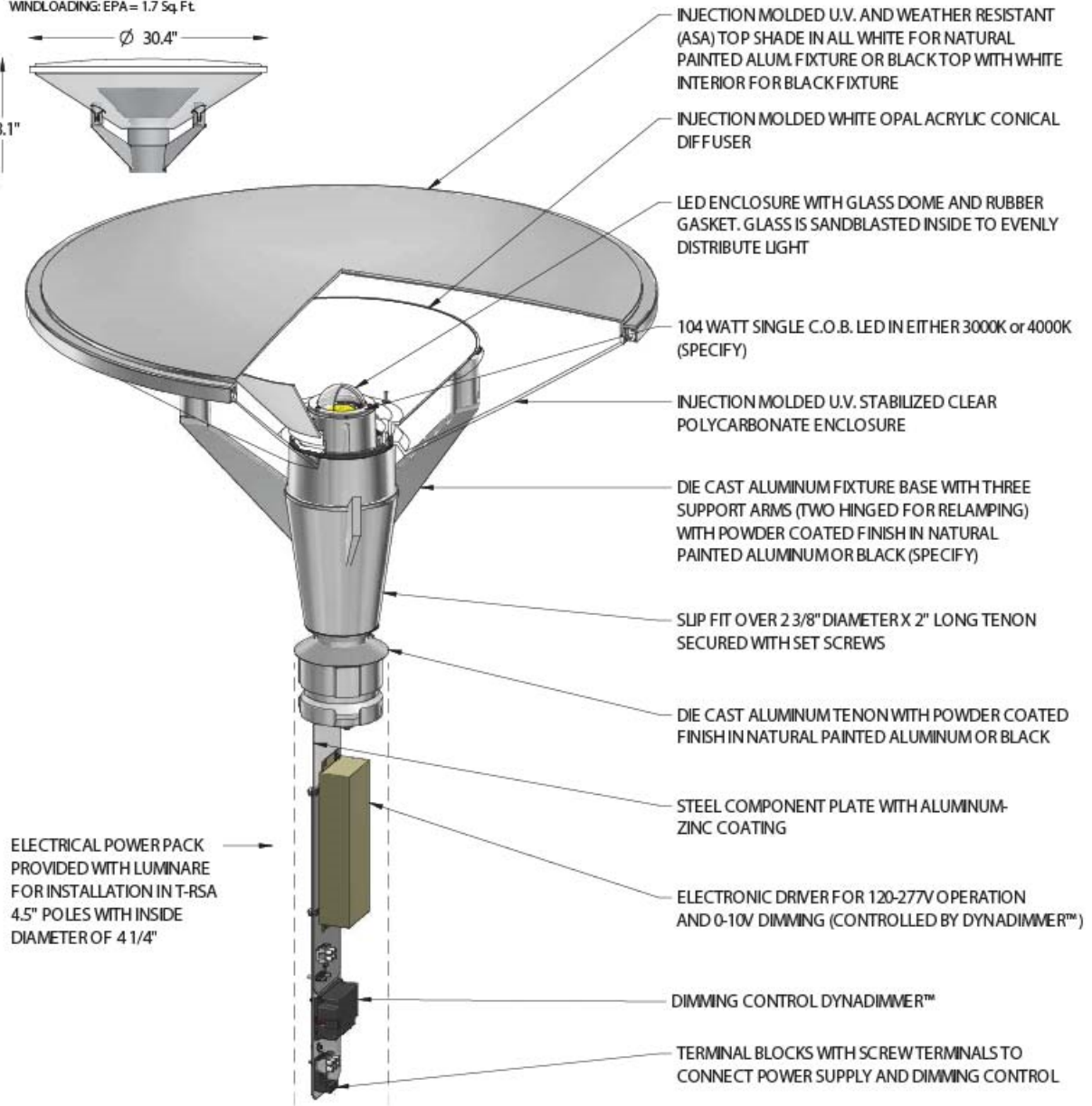
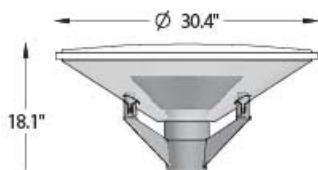
NOTES:

LED WATTAGES SPECIFIED ARE SYSTEM POWDER.

LED TECHNOLOGY IS RAPIDLY CHANGING. LEDs ARE MADE IN LOTS AND SORTED INTO BINS BASED ON WAVELENGTHS

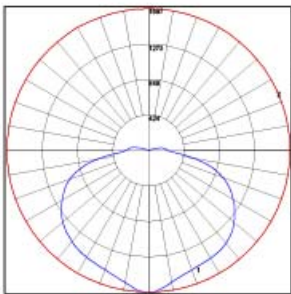
RANGES THAT ACHIEVE COLORS. PRODUCTS ORDERED AT DIFFERENT TIMES MAY NOT HAVE THE SAME COLOR APPEARANCE.

WINDLOADING: EPA = 1.7 Sq. Ft.

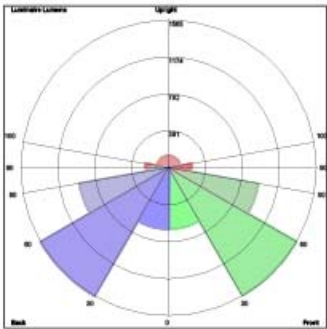


Light Measurements

Photometric Report: KIP-PT-104W LED-V3
Report No: ITL80589
Poulsen Report No: KIP-PT-104W LED-V3
Luminaire: KIP POST
Lamp: 104W/LED/4000K
Description: All data shown are per 7129 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	1697
5	1664
15	1549
25	1500
35	1474
45	1401
55	1261
65	1071
75	786
90	216
120	0
150	0
180	0



Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0-20	596.15	N.A.	8.40
0-30	1289.58	N.A.	18.10
0-40	2208.54	N.A.	31.00
0-60	4415.58	N.A.	61.90
0-80	6338.33	N.A.	88.90
0-90	6762.95	N.A.	94.90
10-90	6606.12	N.A.	92.70
20-40	1612.4	N.A.	22.60
20-50	2688.6	N.A.	37.70
40-70	3278.28	N.A.	46.00
60-80	1922.76	N.A.	27.00
70-80	851.51	N.A.	11.90
80-90	424.62	N.A.	6.00
90-110	357.44	N.A.	5.00
90-120	366.33	N.A.	5.10
90-130	366.33	N.A.	5.10
90-150	366.33	N.A.	5.10
90-180	366.33	N.A.	5.10
110-180	8.89	N.A.	0.10
0-180	7129.28	N.A.	100.00

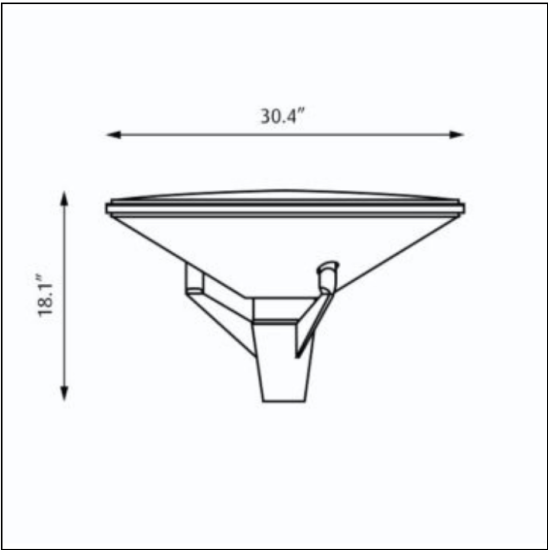
LUMINAIRE CLASSIFICATION SYSTEM (LCS)			
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	845.1	N.A.	9.0
FM - Front-Medium (30-60)	1561.3	N.A.	21.9
FH - Front-High (60-80)	964.3	N.A.	13.5
FVH - Front-Very High (80-90)	213.1	N.A.	3.0
BL - Back-Low (0-30)	844.5	N.A.	9.0
BM - Back-Medium (30-60)	1564.7	N.A.	21.9
BH - Back-High (60-80)	958.5	N.A.	13.4
BVH - Back-Very High (80-90)	211.5	N.A.	3.0
UL - Uplight-Low (90-100)	243.4	N.A.	3.4
UH - Uplight-High (100-180)	122.9	N.A.	
Total	7129.3	N.A.	100.0
BUG Rating	B2-U3-G2		

Kipp Post

KIP-PT-LED-V3

PRODUCT SPECIFICATION

Product description



Design	Alfred Homann
Concept	The fixture emits symmetrical light directed downwards. The angle of the internal diffuser, together with the slightly curved top shade, ensures a wide band of glare-free, uniform lighting.
Finish	Black or natural painted aluminum, powder coated.
Material	Diffuser: Injection molded white opal acrylic. Top shade: Black or white, injection molded ASA. Enclosure: Injection molded U.V. stabilized clear polycarbonate. Frame: Die cast aluminum.
Mounting	Post top: Mounted on dual round aluminum (DRA) or round straight aluminum (RSA) pole.
Weight	Max. 29 lbs.
Label	cULus, Wet location. IBEW.

Product Code	Light source	Voltage	Finish	Electric shock protection cl.	Transition to pole	Options
KIP-PT	1/150W/CMH/T-6 G12	120/277V	BLK	NOT APPLICABLE	T-DRA-5"-3"	DIM 0-10V
	1/150W/MH/ED-17 medium	120-277V	NAT PAINT ALU	SURGE PROTECTOR	T-RSA-4.5"	DYNADIMMER
	1/85W/QL 2700 K	120V				NOT APPLICABLE
	104W LED/3000K	277V				
	104W LED/4000K					

Specification notes

- a. QL light source only available with 120V or 277V HF generator and only with T-RSA-4.5" transition to pole
- b. QL light source not available with surge and/or dimming options
- c. CMH or MH or LED light source with 120-277V ballast is only available with T-RSA-4.5" transition to pole
- d. CMH or MH light source with 120/277V ballast is only available with T-DRA-5"-3" transition to pole
- e. CMH or MH with surge and/or dimming options only available with T-RSA-4.5" transition to pole

Kipp Post

KIP-PT-LED-V3

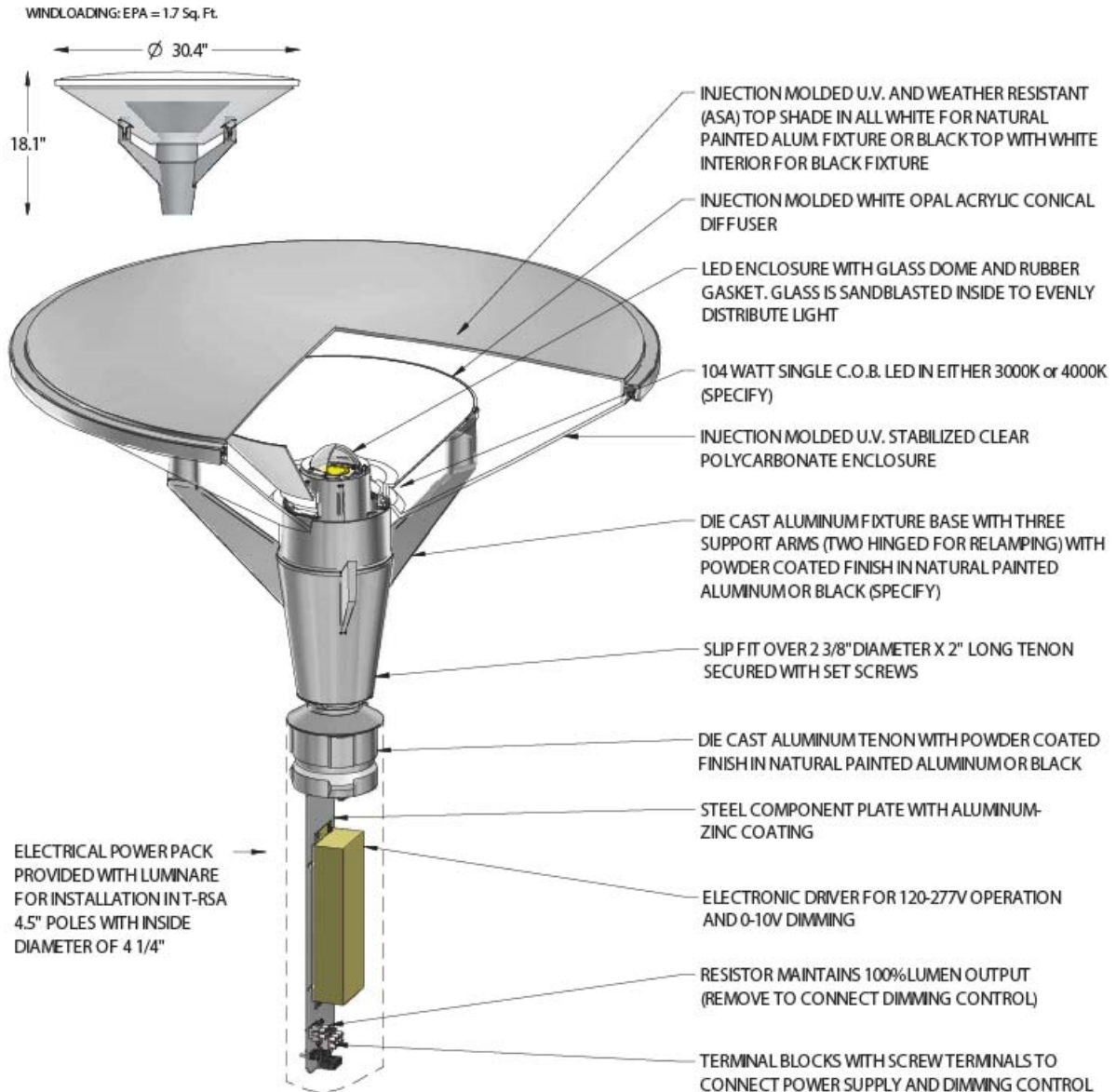
PRODUCT SPECIFICATION

Material description

NOTES:

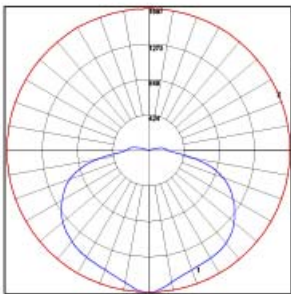
LED WATTAGES SPECIFIED ARE SYSTEM POWDER.

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.

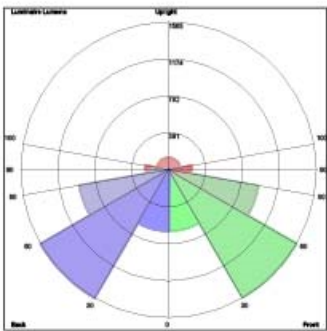


Light Measurements

Photometric Report: KIP-PT-104W LED-V3
Report No: ITL80589
Poulsen Report No: KIP-PT-104W LED-V3
Luminaire: KIP POST
Lamp: 104W/LED/4000K
Description: All data shown are per 7129 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	1697
5	1664
15	1549
25	1500
35	1474
45	1401
55	1261
65	1071
75	786
90	216
120	0
150	0
180	0



Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0-20	596.15	N.A.	8.40
0-30	1289.58	N.A.	18.10
0-40	2208.54	N.A.	31.00
0-60	4415.58	N.A.	61.90
0-80	6338.33	N.A.	88.90
0-90	6762.95	N.A.	94.90
10-90	6606.12	N.A.	92.70
20-40	1612.4	N.A.	22.60
20-50	2688.6	N.A.	37.70
40-70	3278.28	N.A.	46.00
60-80	1922.76	N.A.	27.00
70-80	851.51	N.A.	11.90
80-90	424.62	N.A.	6.00
90-110	357.44	N.A.	5.00
90-120	366.33	N.A.	5.10
90-130	366.33	N.A.	5.10
90-150	366.33	N.A.	5.10
90-180	366.33	N.A.	5.10
110-180	8.89	N.A.	0.10
0-180	7129.28	N.A.	100.00

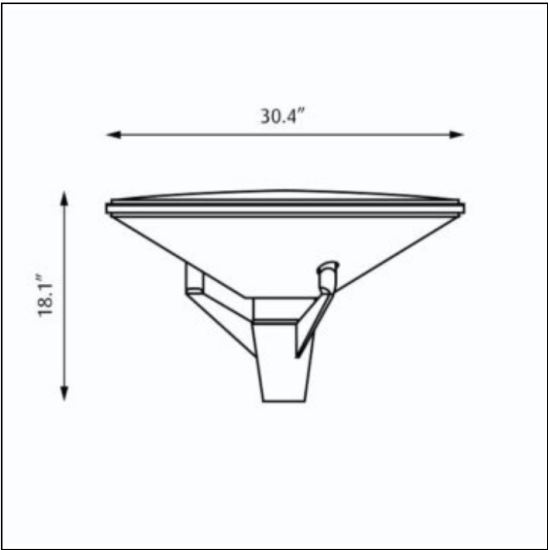
LUMINAIRE CLASSIFICATION SYSTEM (LCS)			
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	645.1	N.A.	9.0
FM - Front-Medium (30-60)	1561.3	N.A.	21.9
FH - Front-High (60-80)	964.3	N.A.	13.5
FVH - Front-Very High (80-90)	213.1	N.A.	3.0
BL - Back-Low (0-30)	644.5	N.A.	9.0
BM - Back-Medium (30-60)	1564.7	N.A.	21.9
BH - Back-High (60-80)	958.5	N.A.	13.4
BVH - Back-Very High (80-90)	211.5	N.A.	3.0
UL - Uplight-Low (90-100)	243.4	N.A.	3.4
UH - Uplight-High (100-180)	122.9	N.A.	
Total	7129.3	N.A.	100.0
BUG Rating	B2-U3-G2		

Kipp Post

KIP-PT-150W-MH-RSA

PRODUCT SPECIFICATION

Product description



- Design** Alfred Homann
- Concept** The fixture emits symmetrical light directed downwards. The angle of the internal diffuser, together with the slightly curved top shade, ensures a wide band of glare-free, uniform lighting.
- Finish** Black or natural painted aluminum, powder coated.
- Material** Diffuser: Injection molded white opal acrylic. Top shade: Black or white, injection molded ASA. Enclosure: Injection molded U.V. stabilized clear polycarbonate. Frame: Die cast aluminum.
- Mounting** Post top: Mounted on dual round aluminum (DRA) or round straight aluminum (RSA) pole.
- Weight** Max. 29 lbs.
- Label** cULus, Wet location. IBEW.

Product Code	Light source	Voltage	Finish	Electric shock protection cl.	Transition to pole	Options
KIP-PT	1/150W/CMH/T-6 G12	120/277V	BLK	NOT APPLICABLE	T-DRA-5"-3"	DIM 0-10V
	1/150W/MH/ED-17 medium	120-277V	NAT PAINT ALU	SURGE PROTECTOR	T-RSA-4.5"	DYNADIMMER
	1/85W/QL 2700 K	120V				NOT APPLICABLE
	104W LED/3000K	277V				
	104W LED/4000K					

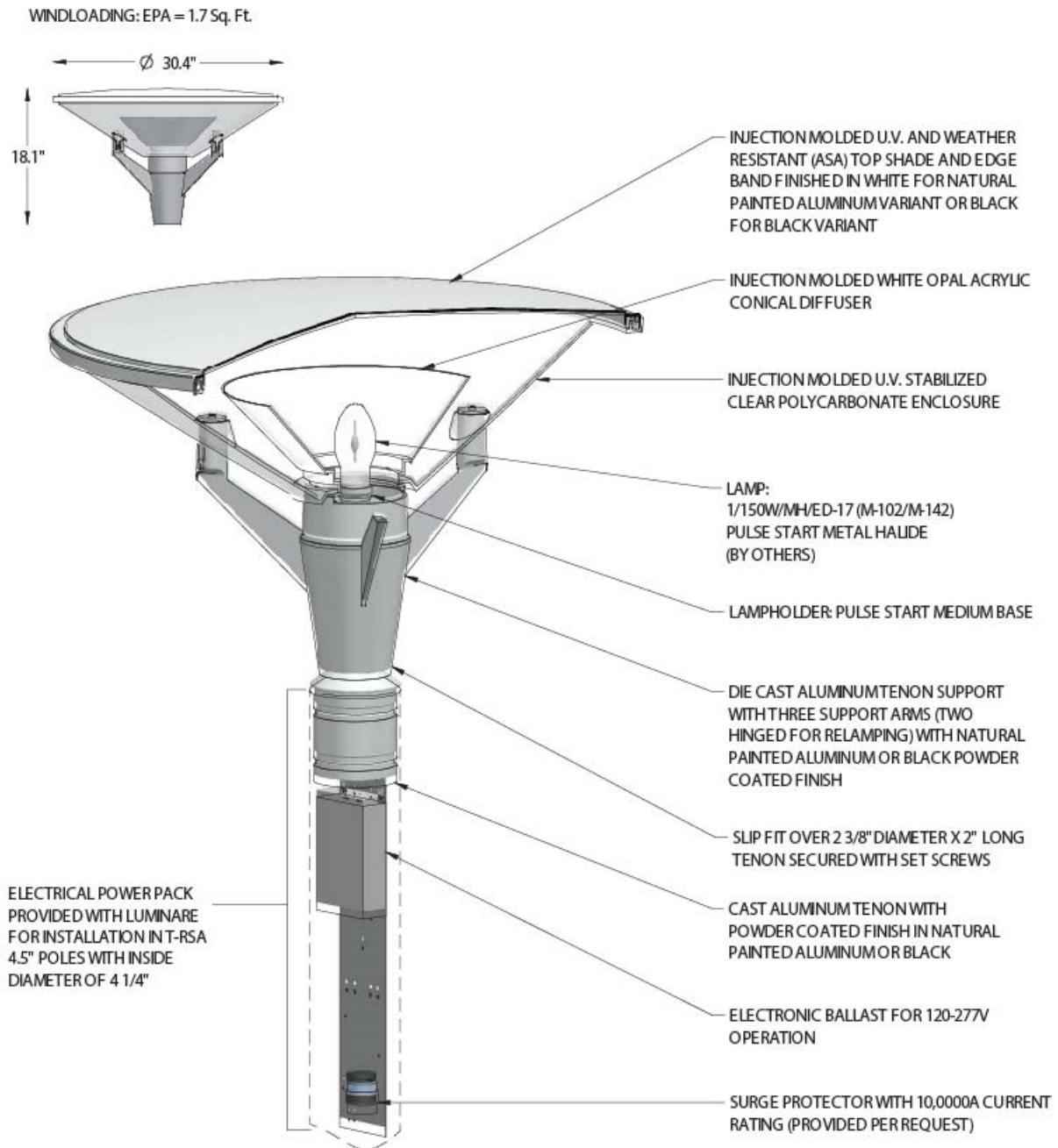
- Specification notes**
- a. QL light source only available with 120V or 277V HF generator and only with T-RSA-4.5" transition to pole
- b. QL light source not available with surge and/or dimming options
- c. CMH or MH or LED light source with 120-277V ballast is only available with T-RSA-4.5" transition to pole
- d. CMH or MH light source with 120/277V ballast is only available with T-DRA-5"-3" transition to pole
- e. CMH or MH with surge and/or dimming options only available with T-RSA-4.5" transition to pole

Kipp Post

KIP-PT-150W-MH-RSA

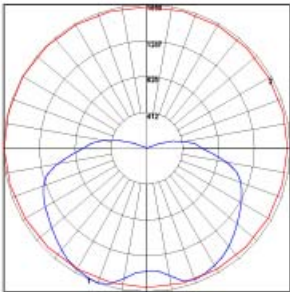
PRODUCT SPECIFICATION

Material description



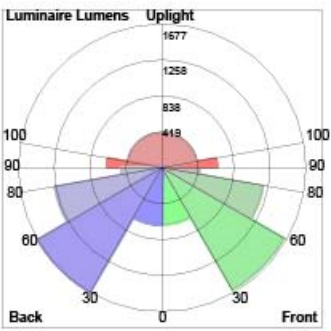
Light Measurements

Photometric Report: KIP-1-150W-MH
Report No: LP2668
Poulsen Report No: KIP-1-150W-MH
Luminaire: KIPP POST
Lamp: 1/150W/MH/ED17
Efficiency: 65%
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.



Candlepower Distribution	
Vertical Angle	Candela
0	1414
5	1411
15	1595
25	1590
35	1518
45	1428
55	1348
65	1282
75	1158
90	703
120	3
150	2
180	1

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0-20	584.78	4.20	6.50
0-30	1327.86	9.50	14.70
0-40	2299.82	16.40	25.40
0-60	4644.89	33.20	51.30
0-80	7112.75	50.80	78.50
0-90	8018.73	57.30	88.50
10-90	7880.91	56.30	87.00
20-40	1715.04	12.30	18.90
20-50	2836.57	20.30	31.30
40-70	3615.96	25.80	39.90
60-80	2467.86	17.60	27.30
70-80	1196.98	8.50	13.20
80-90	905.97	6.50	10.00
90-110	979.80	7.00	10.80
90-120	1033.25	7.40	11.40
90-130	1034.47	7.40	11.40
90-150	1035.91	7.40	11.40
90-180	1037.33	7.40	11.50
110-180	57.53	0.40	0.60
0-180	9056.06	64.70	100.00



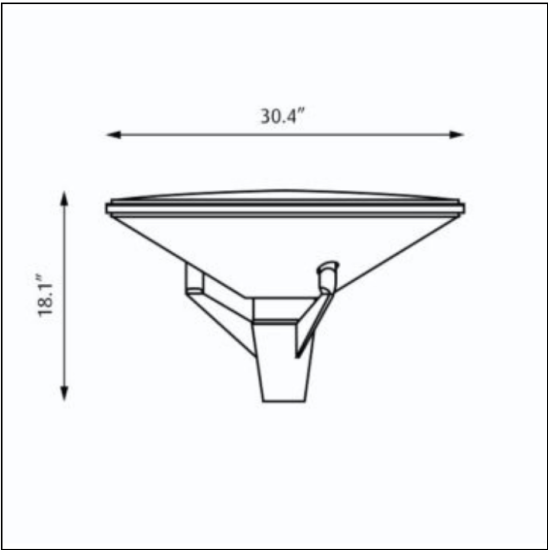
LUMINAIRE CLASSIFICATION SYSTEM (LCS)			
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	661.4	4.7	7.3
FM - Front-Medium (30-60)	1640.3	11.7	18.1
FH - Front-High (60-80)	1197.1	8.6	13.2
FVH - Front-Very High (80-90)	432.5	3.1	4.8
BL - Back-Low (0-30)	666.4	4.8	7.4
BM - Back-Medium (30-60)	1676.7	12.0	18.5
BH - Back-High (60-80)	1270.8	9.1	14.0
BVH - Back-Very High (80-90)	473.5	3.4	5.2
UL - Uplight-Low (90-100)	638.8	4.6	7.1
UH - Uplight-High (100-180)	398.5	2.8	4.4
Total	9056.0	64.8	100.0
BUG Rating	B3-U4-G3		

Kipp Post

KIP-PT-150W-MH-DYNA

PRODUCT SPECIFICATION

Product description



Design	Alfred Homann
Concept	The fixture emits symmetrical light directed downwards. The angle of the internal diffuser, together with the slightly curved top shade, ensures a wide band of glare-free, uniform lighting.
Finish	Black or natural painted aluminum, powder coated.
Material	Diffuser: Injection molded white opal acrylic. Top shade: Black or white, injection molded ASA. Enclosure: Injection molded U.V. stabilized clear polycarbonate. Frame: Die cast aluminum.
Mounting	Post top: Mounted on dual round aluminum (DRA) or round straight aluminum (RSA) pole.
Weight	Max. 29 lbs.
Label	cULus, Wet location. IBEW.

Product Code	Light source	Voltage	Finish	Electric shock protection cl.	Transition to pole	Options
KIP-PT	1/150W/CMH/T-6 G12	120/277V	BLK	NOT APPLICABLE	T-DRA-5"-3"	DIM 0-10V
	1/150W/MH/ED-17 medium	120-277V	NAT PAINT ALU	SURGE PROTECTOR	T-RSA-4.5"	DYNADIMMER
	1/85W/QL 2700 K	120V				NOT APPLICABLE
	104W LED/3000K	277V				
	104W LED/4000K					

Specification notes

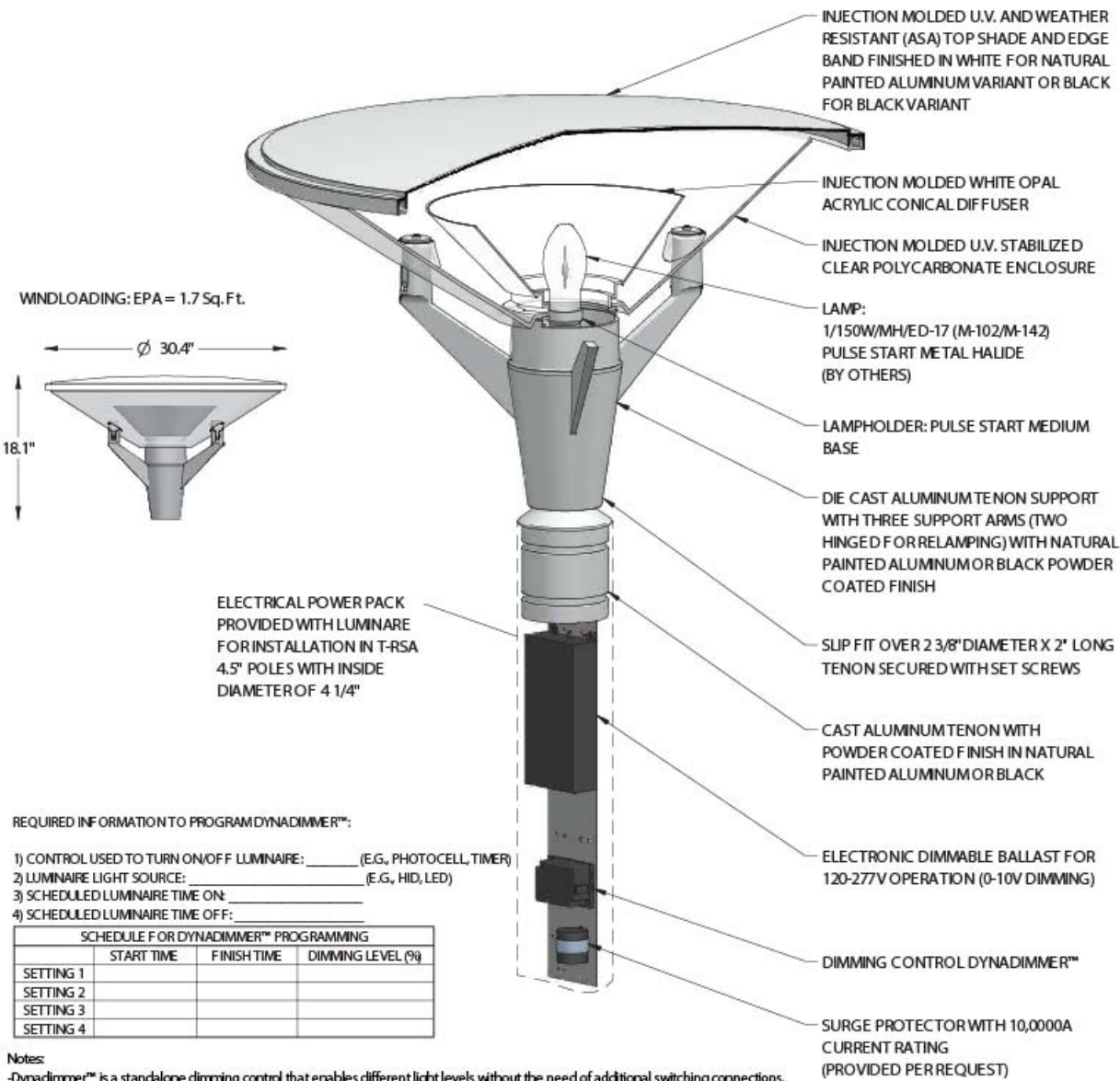
- a. QL light source only available with 120V or 277V HF generator and only with T-RSA-4.5" transition to pole
- b. QL light source not available with surge and/or dimming options
- c. CMH or MH or LED light source with 120-277V ballast is only available with T-RSA-4.5" transition to pole
- d. CMH or MH light source with 120/277V ballast is only available with T-DRA-5"-3" transition to pole
- e. CMH or MH with surge and/or dimming options only available with T-RSA-4.5" transition to pole

Kipp Post

KIP-PT-150W-MH-DYNA

PRODUCT SPECIFICATION

Material description

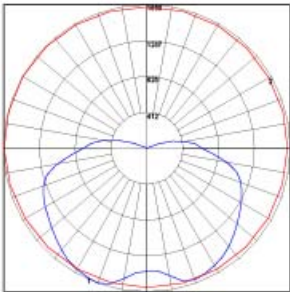


Notes:

- Dynadimmer™ is a standalone dimming control that enables different light levels without the need of additional switching connections.
- Dynadimmer™ will be programmed at the factory
- Dynadimmer™ does not have an integral real time clock. The time is based on the luminaire's on/off time and the programming. Controls such as timers and photocells are needed to turn on/off.
- For proper performance of Dynadimmer™, luminaire needs to be on for a minimum of 4 hours and a maximum of 22 hours.
- Minimum duration of each setting is 15 minutes
- Dynadimmer™ will start working after the third day, the luminaire will work full power in the meantime.
- On and off luminaire times should not vary more than 1 hour from day to day to maintain schedule. Otherwise, Dynadimmer™ schedule will be automatically changed based on new on/off times and programming.

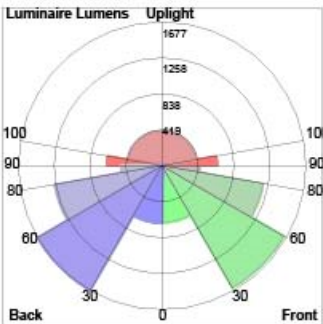
Light Measurements

Photometric Report: KIP-1-150W-MH
Report No: LP2668
Poulsen Report No: KIP-1-150W-MH
Luminaire: KIPP POST
Lamp: 1/150W/MH/ED17
Efficiency: 65%
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.



Candlepower Distribution	
Vertical Angle	Candela
0	1414
5	1411
15	1595
25	1590
35	1518
45	1428
55	1348
65	1282
75	1158
90	703
120	3
150	2
180	1

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0-20	584.78	4.20	6.50
0-30	1327.86	9.50	14.70
0-40	2299.82	16.40	25.40
0-60	4644.89	33.20	51.30
0-80	7112.75	50.80	78.50
0-90	8018.73	57.30	88.50
10-90	7880.91	56.30	87.00
20-40	1715.04	12.30	18.90
20-50	2836.57	20.30	31.30
40-70	3615.96	25.80	39.90
60-80	2467.86	17.60	27.30
70-80	1196.98	8.50	13.20
80-90	905.97	6.50	10.00
90-110	979.80	7.00	10.80
90-120	1033.25	7.40	11.40
90-130	1034.47	7.40	11.40
90-150	1035.91	7.40	11.40
90-180	1037.33	7.40	11.50
110-180	57.53	0.40	0.60
0-180	9056.06	64.70	100.00



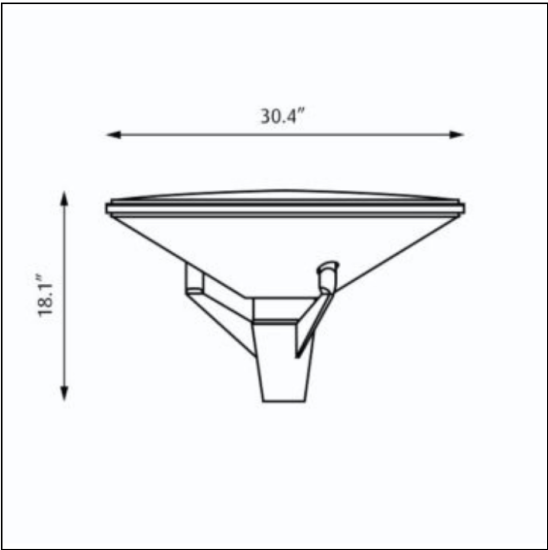
LUMINAIRE CLASSIFICATION SYSTEM (LCS)			
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	661.4	4.7	7.3
FM - Front-Medium (30-60)	1640.3	11.7	18.1
FH - Front-High (60-80)	1197.1	8.6	13.2
FVH - Front-Very High (80-90)	432.5	3.1	4.8
BL - Back-Low (0-30)	666.4	4.8	7.4
BM - Back-Medium (30-60)	1676.7	12.0	18.5
BH - Back-High (60-80)	1270.8	9.1	14.0
BVH - Back-Very High (80-90)	473.5	3.4	5.2
UL - Uplight-Low (90-100)	638.8	4.6	7.1
UH - Uplight-High (100-180)	398.5	2.8	4.4
Total	9056.0	64.8	100.0
BUG Rating	B3-U4-G3		

Kipp Post

KIP-PT-150W-MH-DRA

PRODUCT SPECIFICATION

Product description



Design	Alfred Homann
Concept	The fixture emits symmetrical light directed downwards. The angle of the internal diffuser, together with the slightly curved top shade, ensures a wide band of glare-free, uniform lighting.
Finish	Black or natural painted aluminum, powder coated.
Material	Diffuser: Injection molded white opal acrylic. Top shade: Black or white, injection molded ASA. Enclosure: Injection molded U.V. stabilized clear polycarbonate. Frame: Die cast aluminum.
Mounting	Post top: Mounted on dual round aluminum (DRA) or round straight aluminum (RSA) pole.
Weight	Max. 29 lbs.
Label	cULus, Wet location. IBEW.

Product Code	Light source	Voltage	Finish	Electric shock protection cl.	Transition to pole	Options
KIP-PT	1/150W/CMH/T-6 G12	120/277V	BLK	NOT APPLICABLE	T-DRA-5"-3"	DIM 0-10V
	1/150W/MH/ED-17 medium	120-277V	NAT PAINT ALU	SURGE PROTECTOR	T-RSA-4.5"	DYNADIMMER
	1/85W/QL 2700 K	120V				NOT APPLICABLE
	104W LED/3000K	277V				
	104W LED/4000K					

Specification notes

- a. QL light source only available with 120V or 277V HF generator and only with T-RSA-4.5" transition to pole
- b. QL light source not available with surge and/or dimming options
- c. CMH or MH or LED light source with 120-277V ballast is only available with T-RSA-4.5" transition to pole
- d. CMH or MH light source with 120/277V ballast is only available with T-DRA-5"-3" transition to pole
- e. CMH or MH with surge and/or dimming options only available with T-RSA-4.5" transition to pole

Kipp Post

KIP-PT-150W-MH-DRA

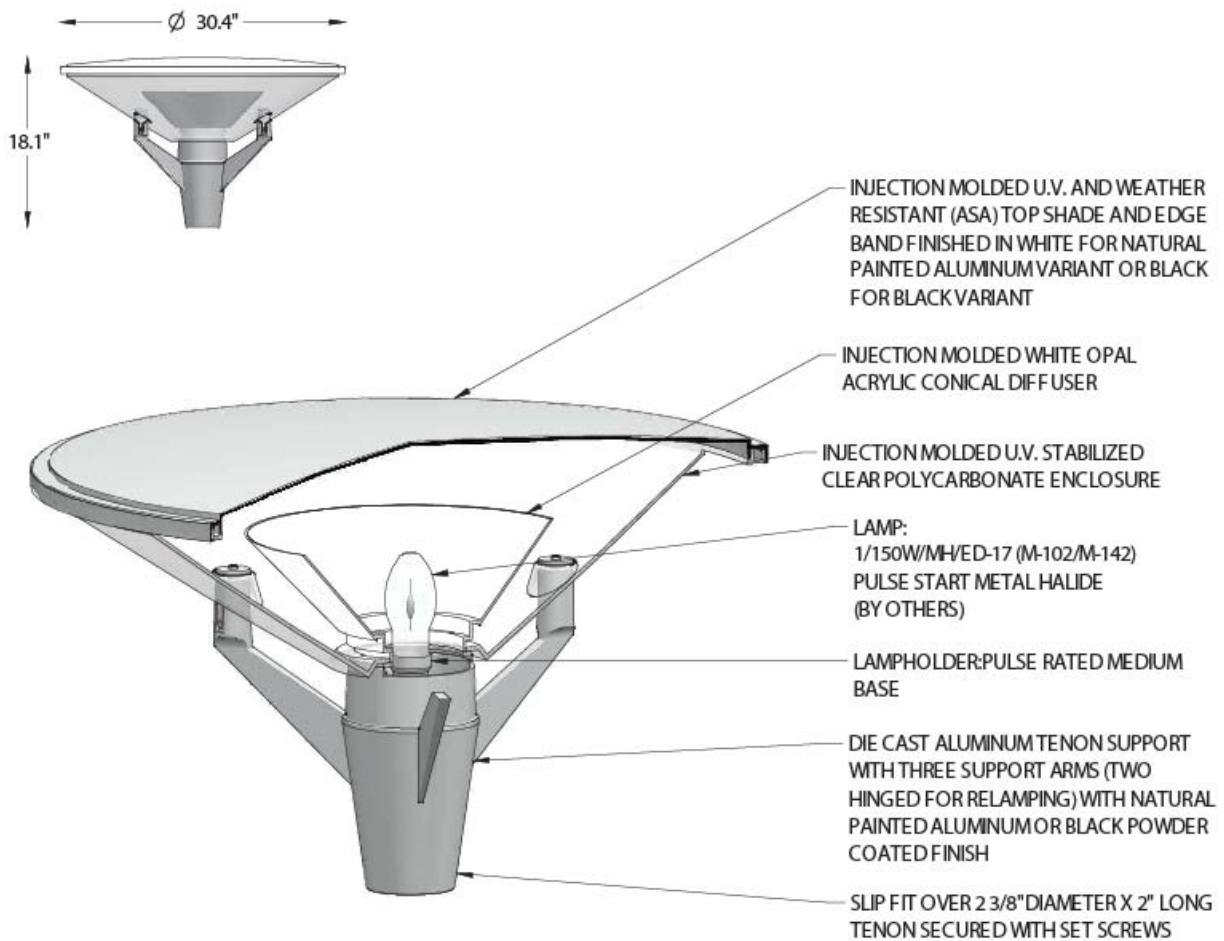
PRODUCT SPECIFICATION

Material description

NOTES:

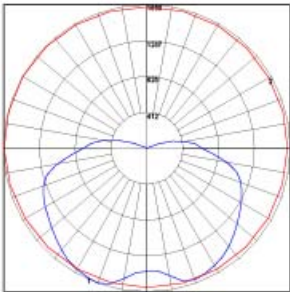
1. PROVIDED STANDARD WITH ONE 120/277V F-CAN STYLE BALLAST FOR INSTALLATION IN T-DRA-5"-3" POLES
2. MAXIMUM BALLAST TO LAMP DISTANCE 50FT.

WINDLOADING: EPA = 1.7 Sq. Ft.



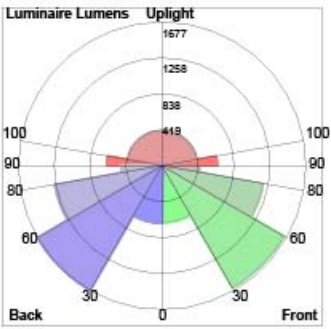
Light Measurements

Photometric Report: KIP-1-150W-MH
Report No: LP2668
Poulsen Report No: KIP-1-150W-MH
Luminaire: KIPP POST
Lamp: 1/150W/MH/ED17
Efficiency: 65%
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.



Candlepower Distribution	
Vertical Angle	Candela
0	1414
5	1411
15	1595
25	1590
35	1518
45	1428
55	1348
65	1282
75	1158
90	703
120	3
150	2
180	1

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0-20	584.78	4.20	6.50
0-30	1327.86	9.50	14.70
0-40	2299.82	16.40	25.40
0-60	4644.89	33.20	51.30
0-80	7112.75	50.80	78.50
0-90	8018.73	57.30	88.50
10-90	7880.91	56.30	87.00
20-40	1715.04	12.30	18.90
20-50	2836.57	20.30	31.30
40-70	3615.96	25.80	39.90
60-80	2467.86	17.60	27.30
70-80	1196.98	8.50	13.20
80-90	905.97	6.50	10.00
90-110	979.80	7.00	10.80
90-120	1033.25	7.40	11.40
90-130	1034.47	7.40	11.40
90-150	1035.91	7.40	11.40
90-180	1037.33	7.40	11.50
110-180	57.53	0.40	0.60
0-180	9056.06	64.70	100.00



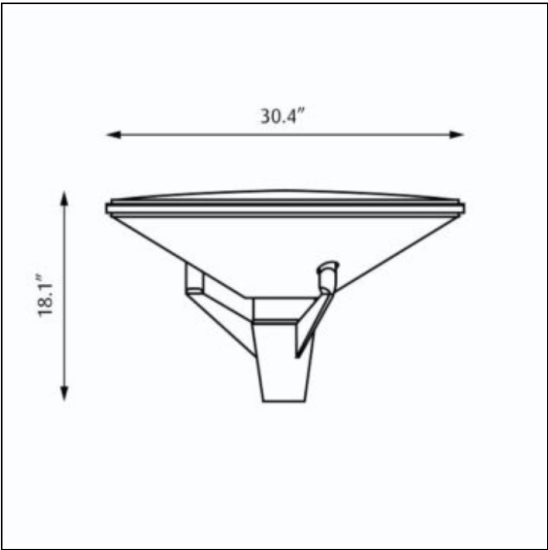
LUMINAIRE CLASSIFICATION SYSTEM (LCS)			
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	661.4	4.7	7.3
FM - Front-Medium (30-60)	1640.3	11.7	18.1
FH - Front-High (60-80)	1197.1	8.6	13.2
FVH - Front-Very High (80-90)	432.5	3.1	4.8
BL - Back-Low (0-30)	666.4	4.8	7.4
BM - Back-Medium (30-60)	1676.7	12.0	18.5
BH - Back-High (60-80)	1270.8	9.1	14.0
BVH - Back-Very High (80-90)	473.5	3.4	5.2
UL - Uplight-Low (90-100)	638.8	4.6	7.1
UH - Uplight-High (100-180)	398.5	2.8	4.4
Total	9056.0	64.8	100.0
BUG Rating	B3-U4-G3		

Kipp Post

KIP-PT-150W-MH-DIM

PRODUCT SPECIFICATION

Product description



Design	Alfred Homann					
Concept	The fixture emits symmetrical light directed downwards. The angle of the internal diffuser, together with the slightly curved top shade, ensures a wide band of glare-free, uniform lighting.					
Finish	Black or natural painted aluminum, powder coated.					
Material	Diffuser: Injection molded white opal acrylic. Top shade: Black or white, injection molded ASA. Enclosure: Injection molded U.V. stabilized clear polycarbonate. Frame: Die cast aluminum.					
Mounting	Post top: Mounted on dual round aluminum (DRA) or round straight aluminum (RSA) pole.					
Weight	Max. 29 lbs.					
Label	cULus, Wet location. IBEW.					

Product Code	Light source	Voltage	Finish	Electric shock protection cl.	Transition to pole	Options
KIP-PT	1/150W/CMH/T-6 G12	120/277V	BLK	NOT APPLICABLE	T-DRA-5"-3"	DIM 0-10V
	1/150W/MH/ED-17 medium	120-277V	NAT PAINT ALU	SURGE PROTECTOR	T-RSA-4.5"	DYNADIMMER
	1/85W/QL 2700 K	120V				NOT APPLICABLE
	104W LED/3000K	277V				
	104W LED/4000K					

Specification notes

a. QL light source only available with 120V or 277V HF generator and only with T-RSA-4.5" transition to pole

b. QL light source not available with surge and/or dimming options

c. CMH or MH or LED light source with 120-277V ballast is only available with T-RSA-4.5" transition to pole

d. CMH or MH light source with 120/277V ballast is only available with T-DRA-5"-3" transition to pole

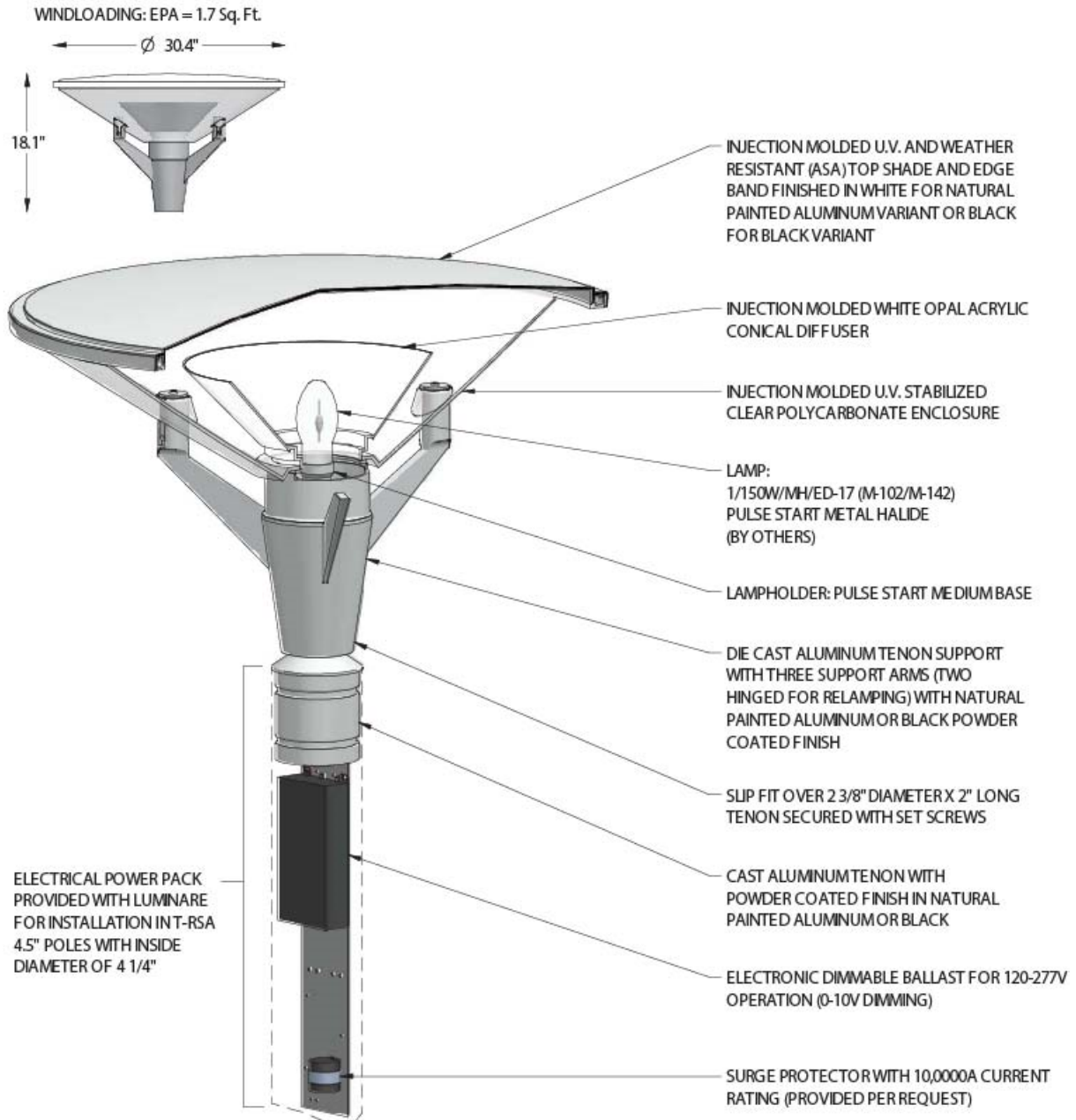
e. CMH or MH with surge and/or dimming options only available with T-RSA-4.5" transition to pole

Kipp Post

KIP-PT-150W-MH-DIM

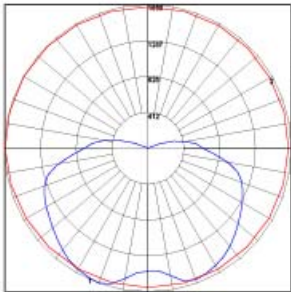
PRODUCT SPECIFICATION

Material description



Light Measurements

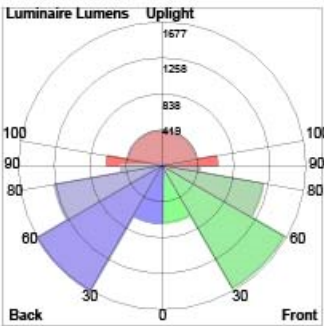
Photometric Report: KIP-1-150W-MH
Report No: LP2668
Poulsen Report No: KIP-1-150W-MH
Luminaire: KIPP POST
Lamp: 1/150W/MH/ED17
Efficiency: 65%
Description: All data shown are per 14000 lumens. This report can be used for calculation on all versions listed below. Use only actual lumen data calculating.



Candlepower Distribution	
Vertical Angle	Candela
0	1414
5	1411
15	1595
25	1590
35	1518
45	1428
55	1348
65	1282
75	1158
90	703
120	3
150	2
180	1

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0-20	584.78	4.20	6.50
0-30	1327.86	9.50	14.70
0-40	2299.82	16.40	25.40
0-60	4644.89	33.20	51.30
0-80	7112.75	50.80	78.50
0-90	8018.73	57.30	88.50
10-90	7880.91	56.30	87.00
20-40	1715.04	12.30	18.90
20-50	2836.57	20.30	31.30
40-70	3615.96	25.80	39.90
60-80	2467.86	17.60	27.30
70-80	1196.98	8.50	13.20
80-90	905.97	6.50	10.00
90-110	979.80	7.00	10.80
90-120	1033.25	7.40	11.40
90-130	1034.47	7.40	11.40
90-150	1035.91	7.40	11.40
90-180	1037.33	7.40	11.50
110-180	57.53	0.40	0.60
0-180	9056.06	64.70	100.00



LUMINAIRE CLASSIFICATION SYSTEM (LCS)

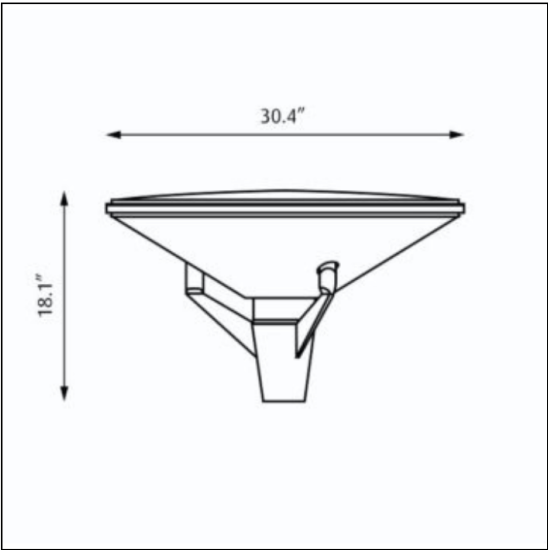
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	661.4	4.7	7.3
FM - Front-Medium (30-60)	1640.3	11.7	18.1
FH - Front-High (60-80)	1197.1	8.6	13.2
FVH - Front-Very High (80-90)	432.5	3.1	4.8
BL - Back-Low (0-30)	666.4	4.8	7.4
BM - Back-Medium (30-60)	1676.7	12.0	18.5
BH - Back-High (60-80)	1270.8	9.1	14.0
BVH - Back-Very High (80-90)	473.5	3.4	5.2
UL - Uplight-Low (90-100)	638.8	4.6	7.1
UH - Uplight-High (100-180)	398.5	2.8	4.4
Total	9056.0	64.8	100.0
BUG Rating	B3-U4-G3		

Kipp Post

KIP-PT-150W-CMH-RSA

PRODUCT SPECIFICATION

Product description



Design	Alfred Homann
Concept	The fixture emits symmetrical light directed downwards. The angle of the internal diffuser, together with the slightly curved top shade, ensures a wide band of glare-free, uniform lighting.
Finish	Black or natural painted aluminum, powder coated.
Material	Diffuser: Injection molded white opal acrylic. Top shade: Black or white, injection molded ASA. Enclosure: Injection molded U.V. stabilized clear polycarbonate. Frame: Die cast aluminum.
Mounting	Post top: Mounted on dual round aluminum (DRA) or round straight aluminum (RSA) pole.
Weight	Max. 29 lbs.
Label	cULus, Wet location. IBEW.

Product Code	Light source	Voltage	Finish	Electric shock protection cl.	Transition to pole	Options
KIP-PT	1/150W/CMH/T-6 G12	120/277V	BLK	NOT APPLICABLE	T-DRA-5"-3"	DIM 0-10V
	1/150W/MH/ED-17 medium	120-277V	NAT PAINT ALU	SURGE PROTECTOR	T-RSA-4.5"	DYNADIMMER
	1/85W/QL 2700 K	120V				NOT APPLICABLE
	104W LED/3000K	277V				
	104W LED/4000K					

Specification notes

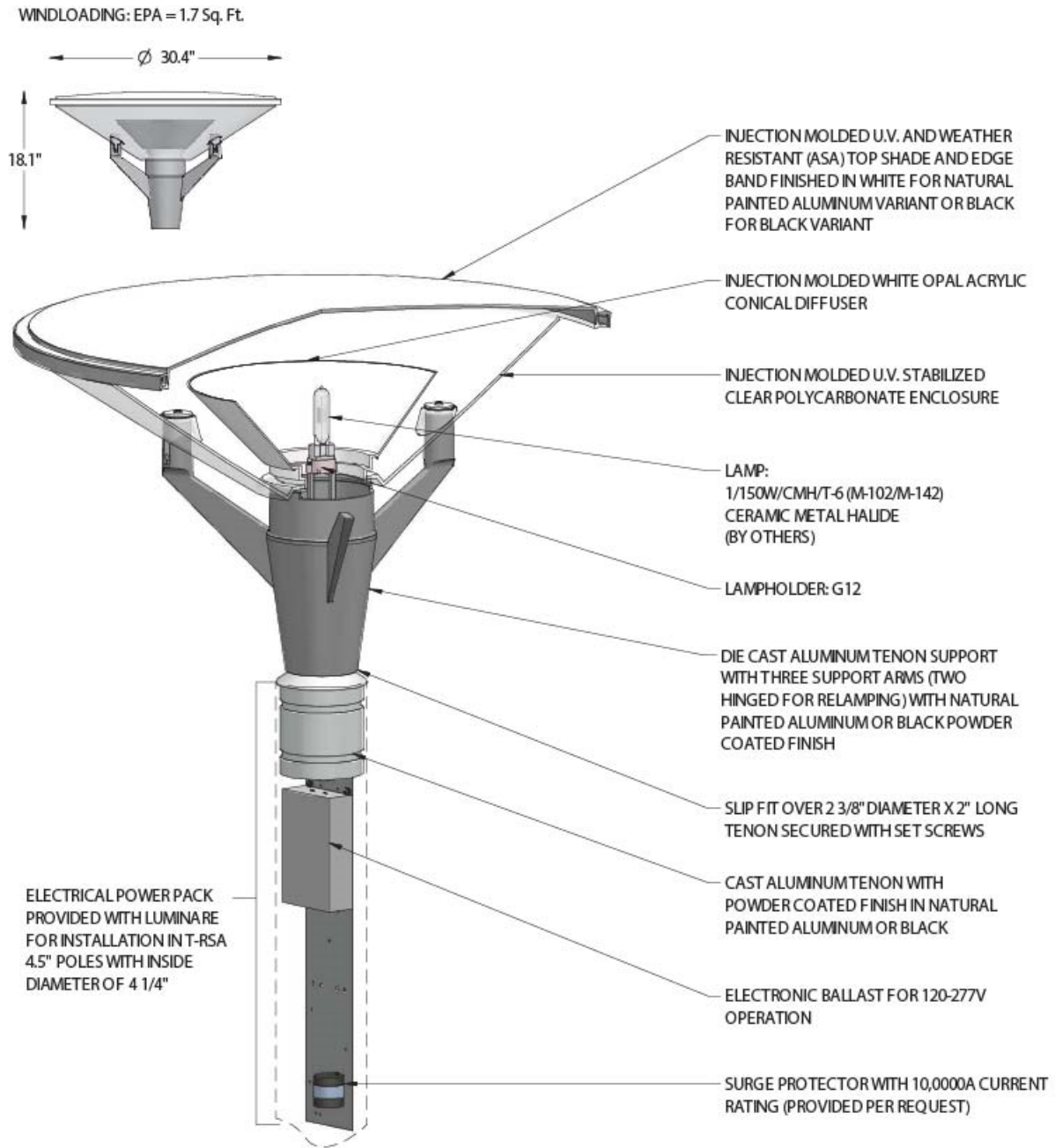
- a. QL light source only available with 120V or 277V HF generator and only with T-RSA-4.5" transition to pole
- b. QL light source not available with surge and/or dimming options
- c. CMH or MH or LED light source with 120-277V ballast is only available with T-RSA-4.5" transition to pole
- d. CMH or MH light source with 120/277V ballast is only available with T-DRA-5"-3" transition to pole
- e. CMH or MH with surge and/or dimming options only available with T-RSA-4.5" transition to pole

Kipp Post

KIP-PT-150W-CMH-RSA

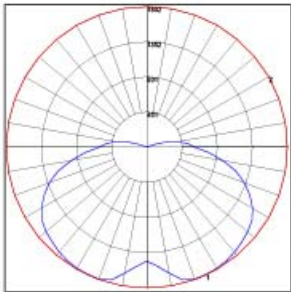
PRODUCT SPECIFICATION

Material description

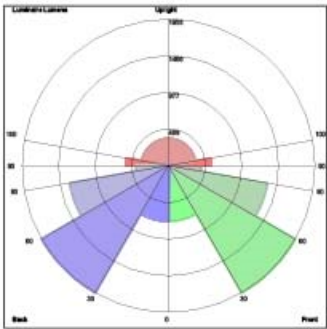


Light Measurements

Photometric Report: KIP-1-150W-CMH
Report No.: 6040001055 Louis Poulsen Lighting A/S
Poulsen Report No.: KIP-1-150W-CMH
Luminaire: KIPP POST
Lamp: 1/150W/CMH/T-6 G12
Efficiency: 70%
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.



Candlepower Distribution	
Vertical Angle	Candela
0	1462.6
5	1532.9
15	1757.3
25	1802.3
35	1778.0
45	1718.9
55	1642.3
65	1455.2
75	1178.5
90	606.9
120	10.4
150	9.3
180	5.6



Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0-20	643.67	4.60	6.50
0-30	1476.24	10.50	15.00
0-40	2590.75	18.50	26.30
0-60	5385.46	38.50	54.60
0-80	8061.69	57.60	81.80
0-90	8930.33	63.80	90.60
10-90	8781.12	62.70	89.10
20-40	1947.08	13.90	19.80
20-50	3277.32	23.40	33.20
40-70	4234.59	30.20	43.00
60-80	2676.24	19.10	27.10
70-80	1236.35	8.80	12.50
80-90	868.63	6.20	8.80
90-110	857.23	6.10	8.70
90-120	903.40	6.50	9.20
90-130	910.85	6.50	9.20
90-150	921.59	6.60	9.30
90-180	927.38	6.60	9.40
110-180	70.16	0.50	0.70
0-180	9857.71	70.40	100.00

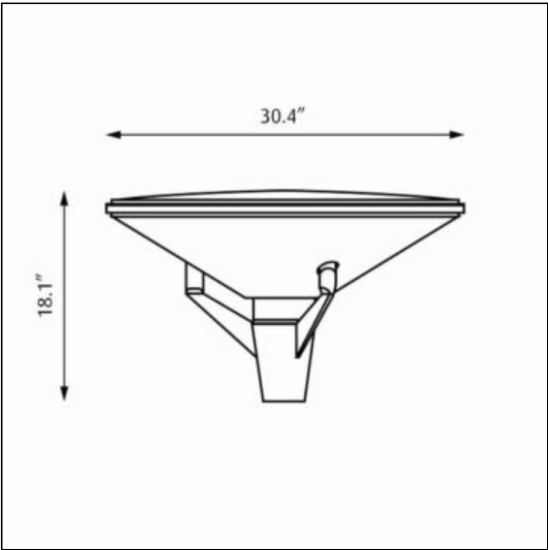
LUMINAIRE CLASSIFICATION SYSTEM (LCS)			
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	738.1	5.3	7.5
FM - Front-Medium (30-60)	1954.6	14.0	19.8
FH - Front-High (60-80)	1338.1	9.6	13.6
FVH - Front-Very High (80-90)	434.3	3.1	4.4
BL - Back-Low (0-30)	738.1	5.3	7.5
BM - Back-Medium (30-60)	1954.6	14.0	19.8
BH - Back-High (60-80)	1338.1	9.6	13.6
BVH - Back-Very High (80-90)	434.3	3.1	4.4
UL - Uplight-Low (90-100)	568.5	4.1	5.8
UH - Uplight-High (100-180)	358.9	2.6	3.6
Total	9857.6	70.7	100.0
BUG Rating	B3-U4-G3		

Kipp Post

KIP-PT-150W-CMH-DYNA

PRODUCT SPECIFICATION

Product description

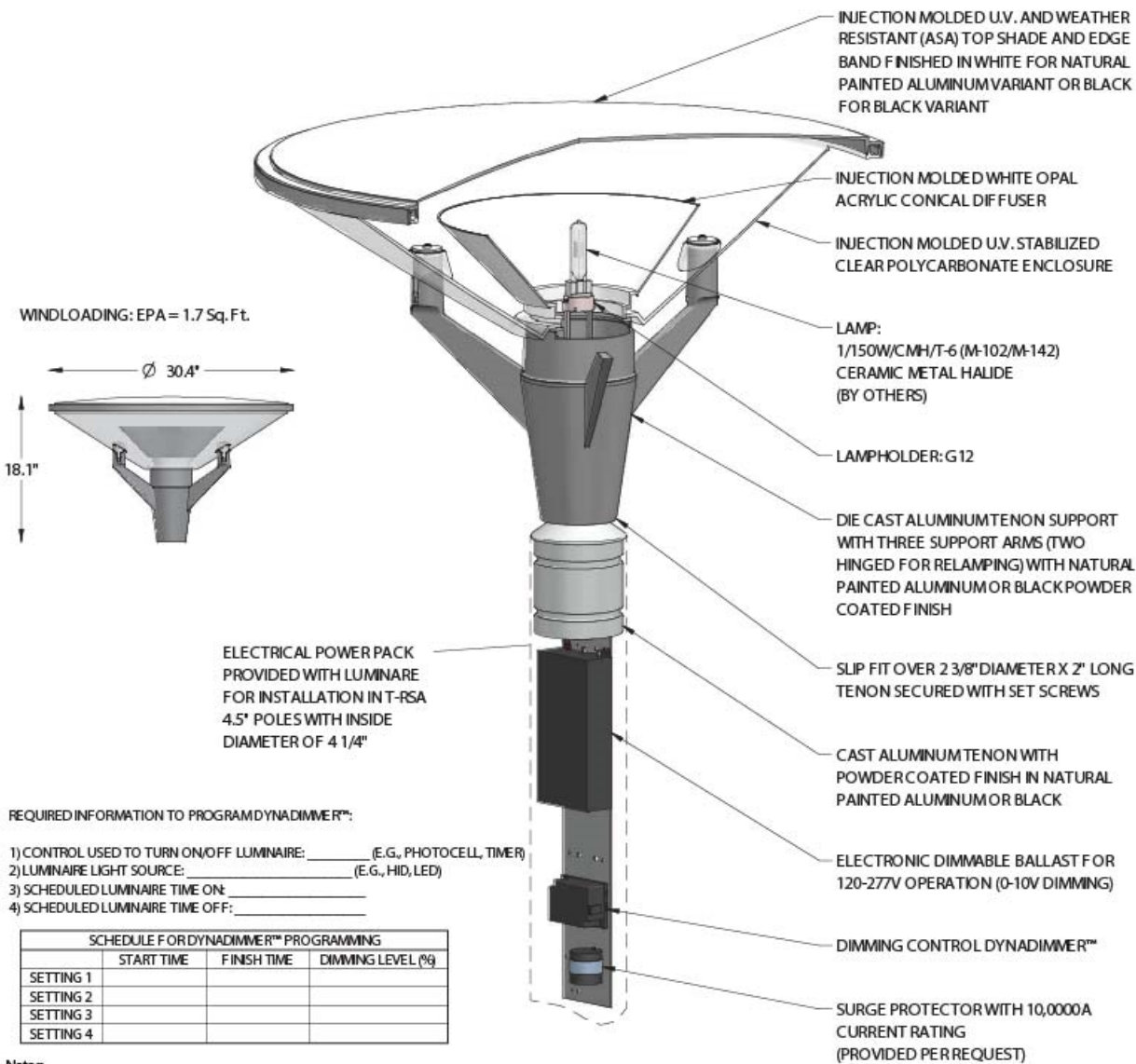


- Design** Alfred Homann
- Concept** The fixture emits symmetrical light directed downwards. The angle of the internal diffuser, together with the slightly curved top shade, ensures a wide band of glare-free, uniform lighting.
- Finish** Black or natural painted aluminum, powder coated.
- Material** Diffuser: Injection molded white opal acrylic. Top shade: Black or white, injection molded ASA. Enclosure: Injection molded U.V. stabilized clear polycarbonate. Frame: Die cast aluminum.
- Mounting** Post top: Mounted on dual round aluminum (DRA) or round straight aluminum (RSA) pole.
- Weight** Max. 29 lbs.
- Label** cULus, Wet location. IBEW.

Product Code	Light source	Voltage	Finish	Electric shock protection cl.	Transition to pole	Options
KIP-PT	1/150W/CMH/T-6 G12	120/277V	BLK	NOT APPLICABLE	T-DRA-5"-3"	DIM 0-10V
	1/150W/MH/ED-17 medium	120-277V	NAT PAINT ALU	SURGE PROTECTOR	T-RSA-4.5"	DYNADIMMER
	1/85W/QL 2700 K	120V				NOT APPLICABLE
	104W LED/3000K	277V				
	104W LED/4000K					

- Specification notes**
- a. QL light source only available with 120V or 277V HF generator and only with T-RSA-4.5" transition to pole
 - b. QL light source not available with surge and/or dimming options
 - c. CMH or MH or LED light source with 120-277V ballast is only available with T-RSA-4.5" transition to pole
 - d. CMH or MH light source with 120/277V ballast is only available with T-DRA-5"-3" transition to pole
 - e. CMH or MH with surge and/or dimming options only available with T-RSA-4.5" transition to pole

Material description

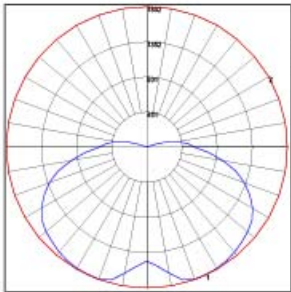


Notes:

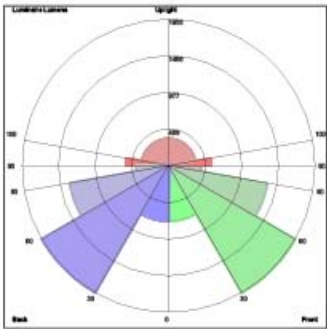
- Dynadimmer™ is a star
- Dynadimmer™ will be programmed at the factory
- Dynadimmer™ does not have an integral real time clock. The time is based on the luminaire's on/off time and the programming. Controls such as timers and photocells are needed to turn on/off.
- For proper performance of Dynadimmer™, luminaire needs to be on for a minimum of 4 hours and a maximum of 22 hours.
- Minimum duration of each setting is 15 minutes
- Dynadimmer™ will start working after the third day, the luminaire will work full power in the meantime.
- On and off luminaire times should not vary more than 1 hour from day to day to maintain schedule. Otherwise, Dynadimmer™ schedule will be automatically changed based on new on/off times and programming.

Light Measurements

Photometric Report: KIP-1-150W-CMH
Report No.: 6040001055 Louis Poulsen Lighting A/S
Poulsen Report No.: KIP-1-150W-CMH
Luminaire: KIPP POST
Lamp: 1/150W/CMH/T-6 G12
Efficiency: 70%
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.



Candlepower Distribution	
Vertical Angle	Candela
0	1462.6
5	1532.9
15	1757.3
25	1802.3
35	1778.0
45	1718.9
55	1642.3
65	1455.2
75	1178.5
90	606.9
120	10.4
150	9.3
180	5.6



Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0-20	643.67	4.60	6.50
0-30	1476.24	10.50	15.00
0-40	2590.75	18.50	26.30
0-60	5385.46	38.50	54.60
0-80	8061.69	57.60	81.80
0-90	8930.33	63.80	90.60
10-90	8781.12	62.70	89.10
20-40	1947.08	13.90	19.80
20-50	3277.32	23.40	33.20
40-70	4234.59	30.20	43.00
60-80	2676.24	19.10	27.10
70-80	1236.35	8.80	12.50
80-90	868.63	6.20	8.80
90-110	857.23	6.10	8.70
90-120	903.40	6.50	9.20
90-130	910.85	6.50	9.20
90-150	921.59	6.60	9.30
90-180	927.38	6.60	9.40
110-180	70.16	0.50	0.70
0-180	9857.71	70.40	100.00

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

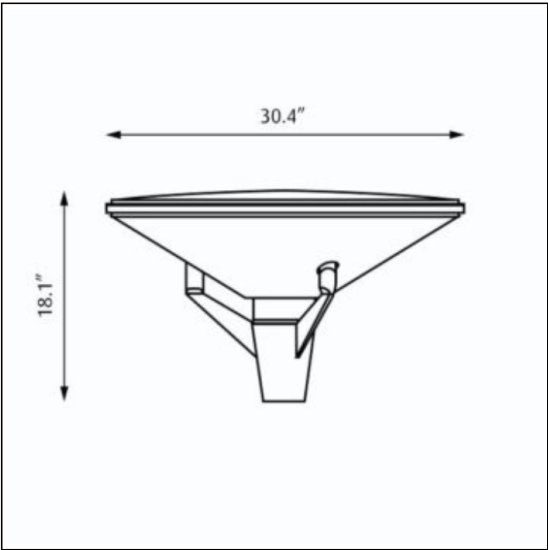
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	738.1	5.3	7.5
FM - Front-Medium (30-60)	1954.6	14.0	19.8
FH - Front-High (60-80)	1338.1	9.6	13.6
FVH - Front-Very High (80-90)	434.3	3.1	4.4
BL - Back-Low (0-30)	738.1	5.3	7.5
BM - Back-Medium (30-60)	1954.6	14.0	19.8
BH - Back-High (60-80)	1338.1	9.6	13.6
BVH - Back-Very High (80-90)	434.3	3.1	4.4
UL - Uplight-Low (90-100)	568.5	4.1	5.8
UH - Uplight-High (100-180)	358.9	2.6	3.6
Total	9857.6	70.7	100.0
BUG Rating	B3-U4-G3		

Kipp Post

KIP-PT-150W-CMH-DRA

PRODUCT SPECIFICATION

Product description



Design	Alfred Homann					
Concept	The fixture emits symmetrical light directed downwards. The angle of the internal diffuser, together with the slightly curved top shade, ensures a wide band of glare-free, uniform lighting.					
Finish	Black or natural painted aluminum, powder coated.					
Material	Diffuser: Injection molded white opal acrylic. Top shade: Black or white, injection molded ASA. Enclosure: Injection molded U.V. stabilized clear polycarbonate. Frame: Die cast aluminum.					
Mounting	Post top: Mounted on dual round aluminum (DRA) or round straight aluminum (RSA) pole.					
Weight	Max. 29 lbs.					
Label	cULus, Wet location. IBEW.					

Product Code	Light source	Voltage	Finish	Electric shock protection cl.	Transition to pole	Options
KIP-PT	1/150W/CMH/T-6 G12	120/277V	BLK	NOT APPLICABLE	T-DRA-5"-3"	DIM 0-10V
	1/150W/MH/ED-17 medium	120-277V	NAT PAINT ALU	SURGE PROTECTOR	T-RSA-4.5"	DYNADIMMER
	1/85W/QL 2700 K	120V				NOT APPLICABLE
	104W LED/3000K	277V				
	104W LED/4000K					

Specification notes

a. QL light source only available with 120V or 277V HF generator and only with T-RSA-4.5" transition to pole

b. QL light source not available with surge and/or dimming options

c. CMH or MH or LED light source with 120-277V ballast is only available with T-RSA-4.5" transition to pole

d. CMH or MH light source with 120/277V ballast is only available with T-DRA-5"-3" transition to pole

e. CMH or MH with surge and/or dimming options only available with T-RSA-4.5" transition to pole

Kipp Post

KIP-PT-150W-CMH-DRA

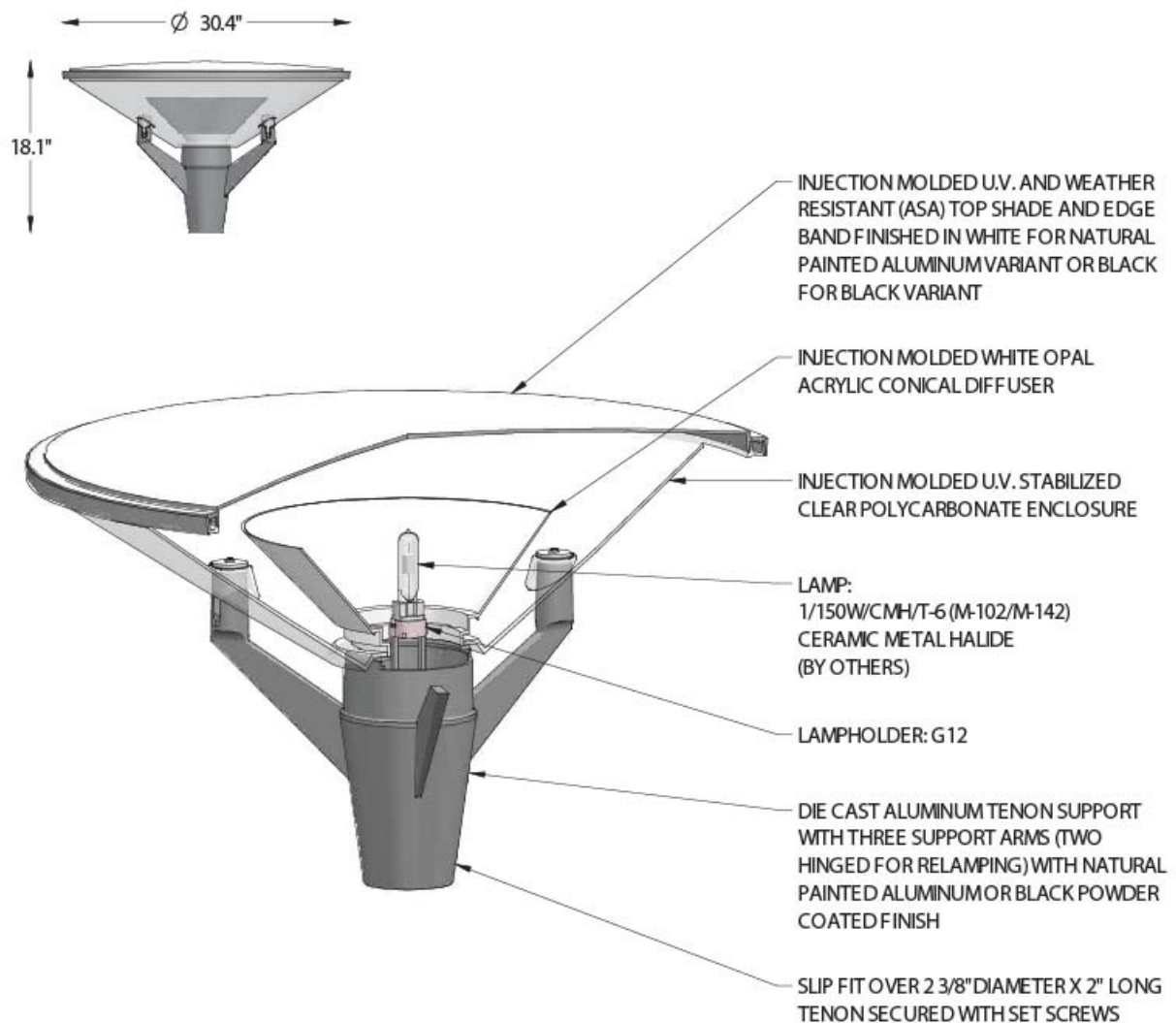
PRODUCT SPECIFICATION

Material description

NOTES:

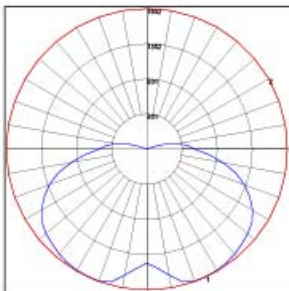
1. PROVIDED STANDARD WITH ONE 120/277V F-CAN STYLE BALLAST FOR INSTALLATION IN T-DRA-5"-3" POLES
2. MAXIMUM BALLAST TO LAMP DISTANCE 50FT.

WINDLOADING: EPA = 1.7 Sq. Ft.

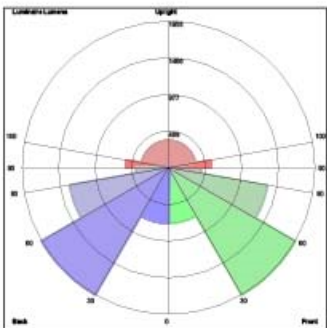


Light Measurements

Photometric Report: KIP-1-150W-CMH
Report No.: 6040001055 Louis Poulsen Lighting A/S
Poulsen Report No.: KIP-1-150W-CMH
Luminaire: KIPP POST
Lamp: 1/150W/CMH/T-6 G12
Efficiency: 70%
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.



Candlepower Distribution	
Vertical Angle	Candela
0	1462.6
5	1532.9
15	1757.3
25	1802.3
35	1778.0
45	1718.9
55	1642.3
65	1455.2
75	1178.5
90	606.9
120	10.4
150	9.3
180	5.6



Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0-20	643.67	4.60	6.50
0-30	1476.24	10.50	15.00
0-40	2590.75	18.50	26.30
0-60	5385.46	38.50	54.60
0-80	8061.69	57.60	81.80
0-90	8930.33	63.80	90.60
10-90	8781.12	62.70	89.10
20-40	1947.08	13.90	19.80
20-50	3277.32	23.40	33.20
40-70	4234.59	30.20	43.00
60-80	2676.24	19.10	27.10
70-80	1236.35	8.80	12.50
80-90	868.63	6.20	8.80
90-110	857.23	6.10	8.70
90-120	903.40	6.50	9.20
90-130	910.85	6.50	9.20
90-150	921.59	6.60	9.30
90-180	927.38	6.60	9.40
110-180	70.16	0.50	0.70
0-180	9857.71	70.40	100.00

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

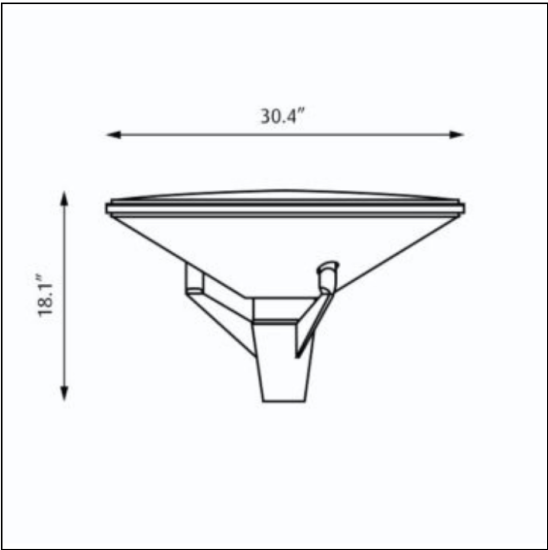
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	738.1	5.3	7.5
FM - Front-Medium (30-60)	1954.6	14.0	19.8
FH - Front-High (60-80)	1338.1	9.6	13.6
FVH - Front-Very High (80-90)	434.3	3.1	4.4
BL - Back-Low (0-30)	738.1	5.3	7.5
BM - Back-Medium (30-60)	1954.6	14.0	19.8
BH - Back-High (60-80)	1338.1	9.6	13.6
BVH - Back-Very High (80-90)	434.3	3.1	4.4
UL - Uplight-Low (90-100)	568.5	4.1	5.8
UH - Uplight-High (100-180)	358.9	2.6	3.6
Total	9857.6	70.7	100.0
BUG Rating	B3-U4-G3		

Kipp Post

KIP-PT-150W-CMH-DIM

PRODUCT SPECIFICATION

Product description



Design	Alfred Homann					
Concept	The fixture emits symmetrical light directed downwards. The angle of the internal diffuser, together with the slightly curved top shade, ensures a wide band of glare-free, uniform lighting.					
Finish	Black or natural painted aluminum, powder coated.					
Material	Diffuser: Injection molded white opal acrylic. Top shade: Black or white, injection molded ASA. Enclosure: Injection molded U.V. stabilized clear polycarbonate. Frame: Die cast aluminum.					
Mounting	Post top: Mounted on dual round aluminum (DRA) or round straight aluminum (RSA) pole.					
Weight	Max. 29 lbs.					
Label	cULus, Wet location. IBEW.					

Product Code	Light source	Voltage	Finish	Electric shock protection cl.	Transition to pole	Options
KIP-PT	1/150W/CMH/T-6 G12	120/277V	BLK	NOT APPLICABLE	T-DRA-5"-3"	DIM 0-10V
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	1/85W/QL 2700 K	120V				NOT APPLICABLE
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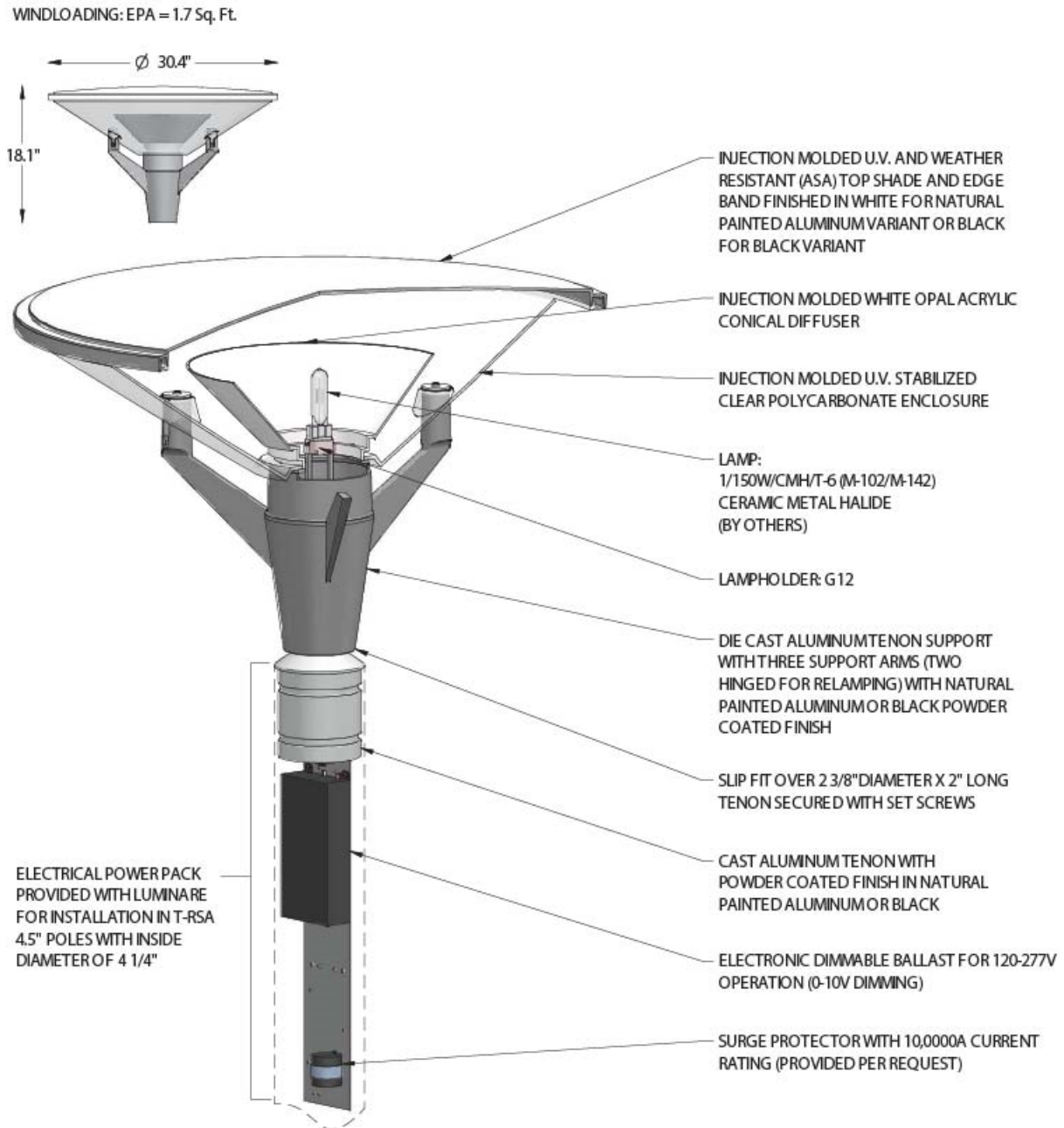
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Kipp Post

KIP-PT-150W-CMH-DIM

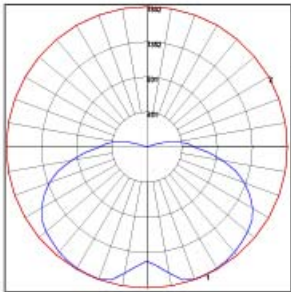
PRODUCT SPECIFICATION

Material description

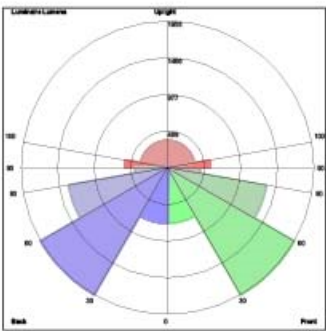


Light Measurements

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Report No.: 6040001055 Louis Poulsen Lighting A/S
Poulsen Report No.: KIP-1-150W-CMH
Luminaire: KIPP POST
Lamp: 1/150W/CMH/T-6 G12
Efficiency: 70%
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.



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