

CASTOR BS120 FLUORESCENT (T5)



2' - 4'

WET/IP66



Surface / Suspended
Luminaire

Application: The CASTOR BS120T5 linear fluorescent design provides ultimate durability and performance. Constructed with heavy duty 20 gauge steel and finished in a white powder coat. The BS120T5 integrates a deep cavity bonded, anti-aging gasket that provides 100% protection from moisture. The impact resistant tempered safety glass is held in place by stainless steel latches. The CASTOR BS120T5 is available in 2ft and 4ft versions. Internal emergency back up is available. The CASTOR BS120T5 is ideal for warehousing, parking structures, schools and canopies.

Type: _____

Project: _____

CONFIGURE:

a	MODEL	b	LENGTH	c	OPERATION	d	LAMPS	e	INPUT	f	REFLECTOR	g	OPTIONS
	BS120T5 CASTOR BS120 T5 SERIES	2 2 foot 4 4 foot		HT AC only SA AC & Emergency 									

HOUSING: Deep draw die formed 20 gauge steel with cavity bonded anti-aging gasket. White powder coat finish.

REFLECTOR: Direct mount dual parabolic high emission reflector. Direct mount reflector configuration supports all electrical components.

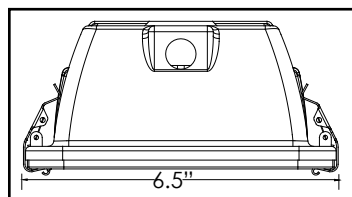
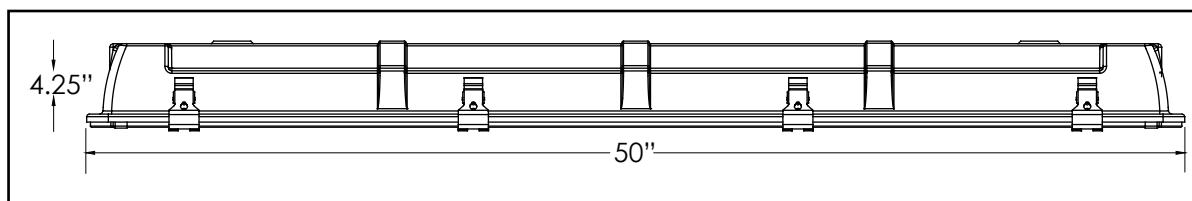
DIFFUSER: Impact resistant 4mm thick tempered glass; held in place with six (2 ft unit) or eight (4 ft unit) stainless steel latches. Two latches as capture clips.

LAMP/Socket: Four (4) T5 ratchet type sockets with Beghelli T5 adaptor extenders.

MOUNTING: Surface mount configuration as standard. Optional (AC) aviation cable, adjustable and (PK) pendant mounting are available. Required mounting height to be specified.

POWER LINE/FEED: 3-wire, solid type 18awg, pre-stripped 12" leads for quick in-field connection.

EMERGENCY (SA): Integral emergency ballast to operate one (1) lamp for a minimum duration of 90 minutes. Reflector mounted monitor indicator and test switch. (SA) for AC & emergency operation. The (SA) version is only available with either 120V or 277V inputs, (consult factory for 347V).



CASTOR BS120

CASTOR BS120

FLUORESCENT (T5HO)



2' - 4'

WET/IP66



Surface / Suspended
Luminaire

Application: The **CASTOR BS120T5HO** linear fluorescent design provides performance, efficiency and durability. Constructed with heavy duty 20 gauge steel and finished in a white powder coat. The **BS120T5HO** integrates a deep cavity bonded, anti-aging gasket that provides 100% protection from moisture. The impact resistant tempered safety glass is held in place by stainless steel latches. The **CASTOR BS120T5HO** is available in 2ft and 4ft versions. Internal emergency back up is available. The **CASTOR BS120T5HO** is ideal for warehousing, parking structures, schools and canopies.

Type: _____

Project: _____

CONFIGURE:

a	MODEL	b	LENGTH	c	OPERATION	d	LAMPS	e	INPUT	f	REFLECTOR	g	OPTIONS
	BS120T5HO CASTOR BS120 T5HO SERIES	2 2 foot 4 4 foot		HT AC only SA AC & Emergency <									

HOUSING: Deep draw die formed 20 gauge steel with cavity bonded anti-aging gasket. White powder coat finish.

REFLECTOR: Direct mount dual parabolic high emission reflector. Direct mount reflector configuration supports all electrical components.

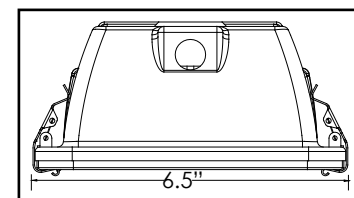
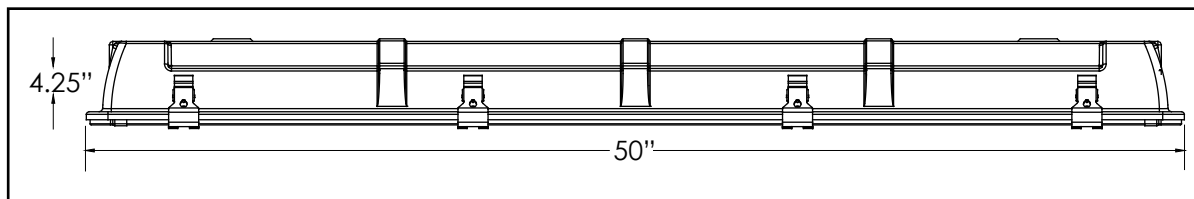
DIFFUSER: Impact resistant 4mm thick tempered glass, held in place with six (2 ft unit) or eight (4 ft unit) stainless steel latches. Two latches as capture clips.

LAMP/SOCKET: Four (4) T5HO ratchet type sockets with Beghelli T5HO adaptor extenders.

MOUNTING: Surface mount configuration as standard. Optional (**AC**) aviation cable, adjustable and (**PK**) pendant mounting are available. Required mounting height to be specified.

POWER LINE/FEED: 3-wire, solid type 18awg, pre-stripped 12" leads for quick in-field connection.

EMERGENCY (SA): Integral emergency ballast to operate one (1) lamp for a minimum duration of 90 minutes. Reflector mounted monitor indicator and test switch. (**SA**) for AC & emergency operation. The (**SA**) version is only available with either 120V or 277V inputs, (consult factory for 347V).



CASTOR BS120



CASTOR BS120 FLUORESCENT (T8)



2' - 4'

WET/IP66



Surface / Suspended
Luminaire

Application: The **CASTOR BS120T8** linear fluorescent design provides performance and reliability. Constructed with heavy duty 20 gauge steel and finished in a white powder coat. The **BS120 T8** integrates a deep cavity bonded, anti-aging gasket that provides 100% protection from moisture. The impact resistant tempered safety glass is held in place by stainless steel latches. The **CASTOR BS120T8** is available in 2ft and 4ft versions. Internal emergency back up is available. The **CASTOR BS120T8** is ideal for warehousing, parking structures, schools and canopies.

Type: _____

Project: _____

CONFIGURE:

a	MODEL	b	LENGTH	c	OPERATION	d	LAMPS	e	INPUT	f	REFLECTOR	g	OPTIONS
	BS120T8 CASTOR BS120 T8 SERIES	2 2 foot 4 4 foot		HT AC only SA AC & Emergency 									

HOUSING: Deep draw die formed 20 gauge steel with cavity bonded anti-aging gasket. White powder coat finish.

REFLECTOR: Direct mount dual parabolic high emission reflector. Direct mount reflector configuration supports all electrical components.

DIFFUSER: Impact resistant 4mm thick tempered glass, held in place with six (2 ft unit) or eight (4 ft

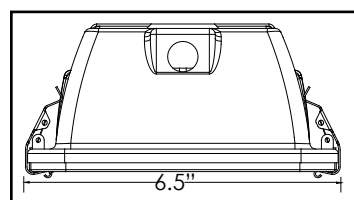
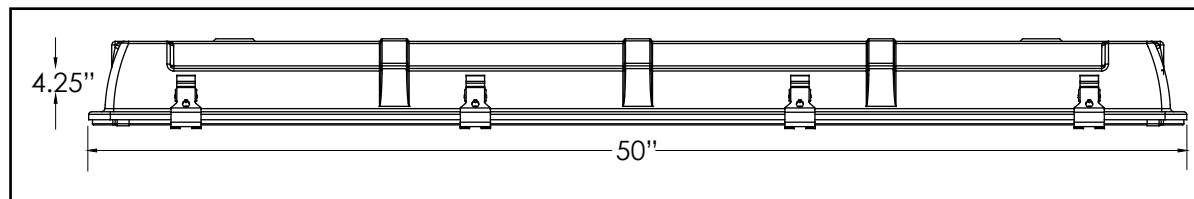
unit) stainless steel latches. Two (2) latches as cap-
ture clips.

LAMP/SOCKET: Four (4) T8 ratchet type sockets.

MOUNTING: Surface mount configuration as standard. Optional **(AC)** aviation cable, adjustable and **(PK)** pendant mounting are available. Required mounting height to be specified.

POWER LINE/FEED: 3-wire, solid type 18awg, pre-stripped 12" leads for quick in-field connection.

EMERGENCY (SA): Integral emergency ballast to operate one (1) lamp for a minimum duration of 90 minutes. Reflector mounted monitor indicator and test switch. **(SA)** for AC & emergency operation. The **(SA)** version is only available with either 120V or 277V inputs, (consult factory for 347V).



CASTOR BS120

CASTOR
BS120M
FLUORESCENT (T5)

2' - 4'
WET/IP66
Marine



Surface / Suspended Luminaire

Application: The CASTOR BS120MT5 marine linear fluorescent is designed to be durable and efficient. Marine Inside Drip certification ensures the integrity of this luminaire on marine vessels in an inside damp or wet location while in direct contact with dripping oil or water.

Type:
Project:

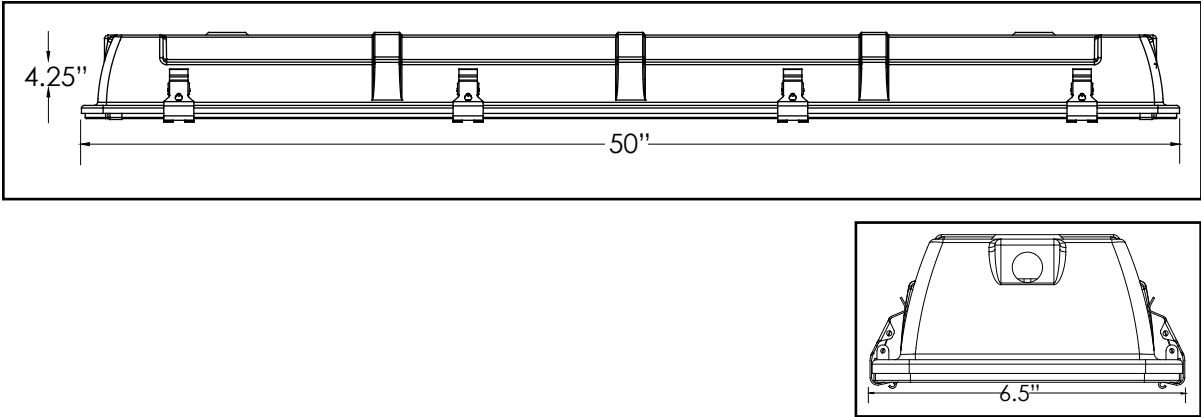
CONFIGURE:

Table with 7 columns: MODEL, LENGTH, OPERATION, LAMPS, INPUT, REFLECTOR, OPTIONS. It lists various configurations for the BS120MT5 luminaire, including different lengths (2ft, 4ft), lamp types (214W, 228W), input voltages (120V, 277V, 347V), and reflector options (WD, ND).

HOUSING: Deep draw die formed 20 gauge steel with cavity bonded anti-aging gasket. White powder coat finish.
REFLECTOR: Direct mount dual parabolic high emission reflector. Direct mount reflector configuration supports all electrical components.
DIFFUSER: Impact resistant 4mm thick tempered glass, held in place with six (2 ft unit) or eight (4 ft

unit) stainless steel latches. Two (2) latches as cap-ture clips.
LAMP/SOCKET: Four (4) T5 ratchet type sockets with Beghelli T5 adaptor extenders.
MOUNTING: Surface mount configuration as standard. Optional (AC) aviation cable, adjustable and (PK) pendant mounting are available. Required mounting height to be specified.

POWER LINE/FEED: 3-wire, solid type 18awg, pre-stripped 12" leads for quick in-field connection.
EMERGENCY (SA): Integral emergency ballast to operate one (1) lamp for a minimum duration of 90 minutes. Reflector mounted monitor indicator and test switch. (SA) for AC & emergency operation. The (SA) version is only available with either 120V or 277V inputs, (consult factory for 347V).



CASTOR BS120

CASTOR BS120M FLUORESCENT (T5HO)



2' - 4'

WET/IP66
Marine



Surface / Suspended
Luminaire

Application: The CASTOR BS120MT5HO marine linear fluorescent offers performance, efficiency and durability. Marine Inside Drip certification ensures the integrity of this luminaire on marine vessels in an inside damp or wet location while in direct contact with dripping oil or water. Constructed of heavy duty 20 gauge steel and finished in a white powder coat. The BS120MT5HO integrates a deep cavity bonded, anti-aging gasket. The impact resistant tempered safety glass is held in place by stainless steel latches. Available in 2ft and 4ft versions. Internal emergency back up is offered. The CASTOR BS120MT5HO is ideal for galley, passenger decks and engine rooms.

Type: _____

Project: _____

CONFIGURE:

a	MODEL	b	LENGTH	c	OPERATION	d	LAMPS	e	INPUT	f	REFLECTOR	g	OPTIONS
BS120MT5HO CASTOR BS120M T5HO SERIES	2	2 foot	HT	AC only	224W	2x24W T5HO	120V	WD	wide distribution	FP	inline fuse protection		
	4	4 foot	SA	AC & Emergency	254W	2x54W T5HO	277V	ND	narrow distribution	PK	rigid pendant kit: 18", 24", 36" & 48"		
			NOTE (1): (SA) available in 2x54 only; (SA) versions 1300 lumens NOTE (2): consult factory for 347V (SA)				120/277V 347V			AC	aviation cable: 50", 72", 100", 150" & 250"		
										CH	chain hang kit	NOTE: (AC & PK) length to be specified, i.e. PK24 or AC100	
MODEL	a	LENGTH	b	OPERATION	c	LAMPS	d	INPUT	e	REFLECTOR	f	OPTIONS	g
BS120MT5HO													

HOUSING: Deep draw die formed 20 gauge steel with cavity bonded anti-aging gasket. White powder coat finish.

REFLECTOR: Direct mount dual parabolic high emission reflector. Direct mount reflector configuration supports all electrical components.

DIFFUSER: Impact resistant 4mm thick tempered glass, held in place with six (2 ft unit) or eight (4 ft

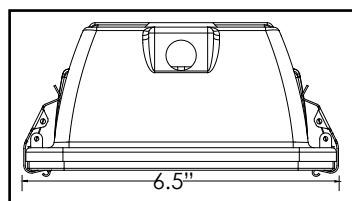
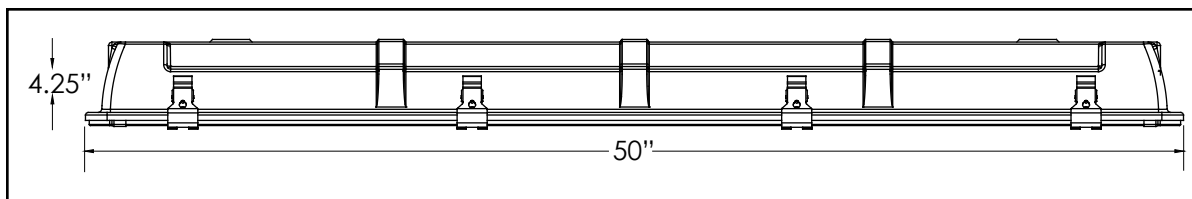
unit) stainless steel latches. Two (2) latches as capture clips.

LAMP/SOCKET: Four (4) T5HO ratchet type sockets with Beghelli T5HO adaptor extenders.

MOUNTING: Surface mount configuration as standard. Optional (AC) aviation cable, adjustable and (PK) pendant mounting are available. Required mounting height to be specified.

POWER LINE/FEED: 3-wire, solid type 18awg, pre-stripped 12" leads for quick in-field connection.

EMERGENCY (SA): Integral emergency ballast to operate one (1) lamp for a minimum duration of 90 minutes. Reflector mounted monitor indicator and test switch. (SA) for AC & emergency operation. The (SA) version is only available with either 120V or 277V inputs, (consult factory for 347V).



CASTOR BS120

CASTOR BS120M FLUORESCENT (T8)



2' - 4'

WET/IP66
Marine



Surface / Suspended
Luminaire

Application: The **CASTOR BS120MT8** marine linear fluorescent is offers performance and reliability. Marine Inside Drip certification ensures the integrity of this luminaire on marine vessels in an inside damp or wet location while in direct contact with dripping oil or water. Constructed of heavy duty 20 gauge steel and finished in a white powder coat. The **CASTOR BS120MT8** integrates a deep cavity bonded, anti-aging gasket. The impact resistant tempered safety glass is held in place by stainless steel latches. Available in 2ft and 4ft versions. Internal emergency back up is offered. The **CASTOR BS120MT8** is ideal for galley, passenger decks and engine rooms.

Type: _____

Project: _____

CONFIGURE:

a	MODEL	b	LENGTH	c	OPERATION	d	LAMPS	e	INPUT	f	REFLECTOR	g	OPTIONS	
	BS120MT8 <i>CASTOR</i> <i>BS120M T8</i> <i>SERIES</i>	2	<i>2 foot</i>	HT	<i>AC only</i>	217W	<i>2x17W T8</i>	120V		WD	<i>wide distribution</i>	FP	<i>inline fuse protection</i>	
		4	<i>4 foot</i>	SA	<i>AC & Emergency</i>	232W	<i>2x32W T8</i>	277V		ND	<i>narrow distribution</i>	PK	<i>rigid pendant kit: 18", 24", 36" & 48"</i>	
								120/277V				AC	<i>aviation cable: 50", 72", 100", 150" & 250"</i>	
					<i>NOTE (1): (SA) available in 2x32 only; (SA) versions 700 lumens</i> <i>NOTE (2): consult factory for 347V (SA)</i>			347V				CH	<i>chain hang kit</i>	
													<i>NOTE: (AC & PK) length to be specified, i.e. PK24 or AC100</i>	
	MODEL	a	LENGTH	b	OPERATION	c	LAMPS	d	INPUT	e	REFLECTOR	f	OPTIONS	g
	BS120MT8													

HOUSING: Deep draw die formed 20 gauge steel with cavity bonded anti-aging gasket. White powder coat finish.

REFLECTOR: Direct mount dual parabolic high emission reflector. Direct mount reflector configuration supports all electrical components.

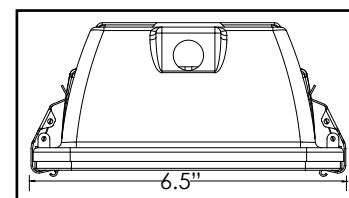
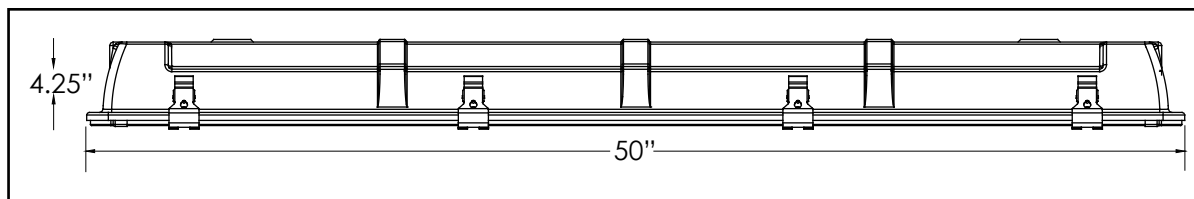
DIFFUSER: Impact resistant 4mm thick tempered glass, held in place with six (2 ft unit) or eight (4 ft unit) stainless steel latches. Two (2) latches as capture clips.

LAMP/SOCKET: Four (4) T8 ratchet type sockets.

MOUNTING: Surface mount configuration as standard. Optional (**AC**) aviation cable, adjustable and (**PK**) pendant mounting are available. Required mounting height to be specified.

POWER LINE/FEED: 3-wire, solid type 18awg, pre-stripped 12" leads for quick in-field connection.

EMERGENCY (SA): Integral emergency ballast to operate one (1) lamp for a minimum duration of 90 minutes. Reflector mounted monitor indicator and test switch. (**SA**) for AC & emergency operation. The (**SA**) version is only available with either 120V or 277V inputs, (consult factory for 347V).



CASTOR BS120



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Beghelli reserves the right to change, without notice, specifications or materials that in our opinion will not alter the function or performance of the product. Technical specifications that appear on www.beghelliluce.com supersede all other versions existing in print or electronic form.

CASTOR

HZ120

FLUORESCENT (T5)

2' - 4'
Hazardous
 Class I, Div 2, Groups A-D
 Class II, Div 2, Groups E-G
 Class III
 Wet/IP66



Surface / Suspended
Luminaire

Application: The CASTOR HZ120T5 is a Hazardous Area luminaire certified for use in Class I, Division 2, Groups A, B, C & D, Class II, Division 2, groups E, F & G and Class III environments. Constructed with heavy duty 20 gauge steel and finished in a white powder coat. The HZ120T5 integrates a deep cavity bonded, anti-aging gasket that provides 100% protection from moisture. The impact resistant tempered safety glass is held in place by stainless steel latches. The HZ120T5 is available in 2ft and 4ft versions. The CASTOR HZ120T5 is ideal for prep & inspection areas, coal & grain dust environments & sanding/ machining shops.

Type: _____

Project: _____

CONFIGURE:

a	MODEL	b	LENGTH	c	OPERATION	d	LAMPS	e	INPUT	f	REFLECTOR	g	OPTIONS
	HZ120T5 CASTOR HZ120 T5 SERIES	2 2 foot 4 4 foot		HT AC only		214W 2x14W T5 228W 2x28W T5		120V 277V 120/277V 347V		WD wide distribution ND narrow distribution		FP inline fuse protection PK rigid pendant kit: 18", 24", 36" & 48" AC aviation cable: 50", 72", 100", 150" & 250" CH chain hang kit	

HOUSING: Deep draw die formed 20 gauge steel with cavity bonded anti-aging gasket. White powder coat finish.

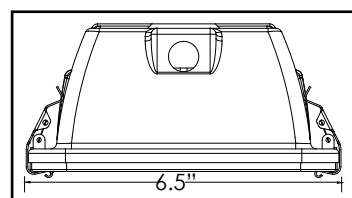
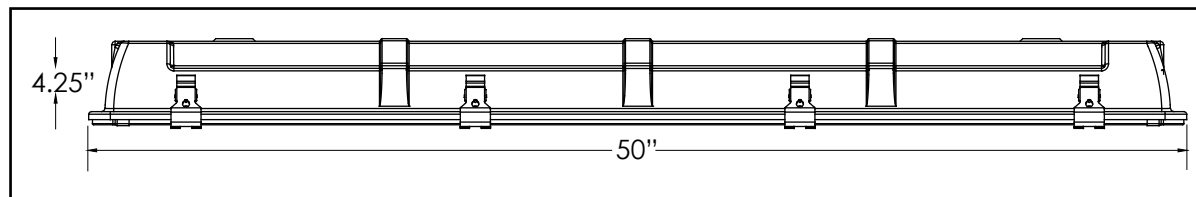
REFLECTOR: Direct mount dual parabolic high emission reflector. Direct mount reflector configuration supports all electrical components.

DIFFUSER: Impact resistant 4mm thick tempered glass, held in place with six (2 ft unit) or eight (4 ft unit) stainless steel latches. Two (2) latches as cap-ture clips.

LAMP/SOCKET: Four (4) T5 ratchet type sockets with Beghelli T5 adaptor extenders.

MOUNTING: Surface mount configuration as standard. Optional (AC) aviation cable, adjustable and (PK) pendant mounting are available. Required mounting height to be specified.

POWER LINE/FEED: 3-wire, solid type 18awg, pre-stripped 12" leads for quick in-field connection.



CASTOR BS120

CASTOR

HZ120

FLUORESCENT (T5HO)



2' - 4'

WET/IP66
Hazardous



Surface / Suspended
Luminaire

Application: The CASTOR HZ120T5HO linear fluorescent series is a hazardous area luminaire certified for use in Class 1 / Division 2, Groups A, B, C & D environments. Constructed with heavy duty 20 gauge steel and finished in a white powder coat. The HZ120T5HO integrates a deep cavity bonded, anti-aging gasket that provides 100% protection from moisture. The impact resistant tempered safety glass is held in place by stainless steel latches. The CASTOR HZ120T5HO is available in 2ft and 4ft versions. The CASTOR HZ120T5HO is ideal for prep & inspection areas, coal & grain dust environments & sanding/ machining shops.

Type: _____

Project: _____

CONFIGURE:

a	MODEL	b	LENGTH	c	OPERATION	d	LAMPS	e	INPUT	f	REFLECTOR	g	OPTIONS
	HZ120T5HO CASTOR HZ120 T5HO SERIES	2 4	2 foot 4 foot	HT	AC only	224W 254W	2x24W T5HO 2x54W T5HO	120V 277V 120/277V 347V		WD ND	wide distribution narrow distribution	FP PK AC CH	inline fuse protection rigid pendant kit: 18", 24", 36" & 48" aviation cable: 50", 72", 100", 150" & 250" chain hang kit
													NOTE: (AC & PK) length to be specified, i.e. PK24 or AC100
MODEL	a	LENGTH	b	OPERATION	c	LAMPS	d	INPUT	e	REFLECTOR	f	OPTIONS	g
HZ120T5HO													

HOUSING: Deep draw die formed 20 gauge steel with cavity bonded anti-aging gasket. White powder coat finish.

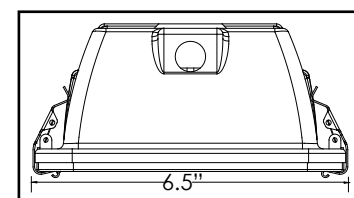
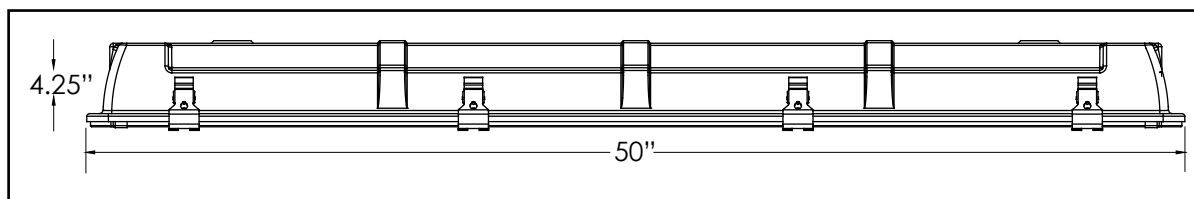
REFLECTOR: Direct mount dual parabolic high emission reflector. Direct mount reflector configuration supports all electrical components.

DIFFUSER: Impact resistant 4mm thick tempered glass, held in place with six (2 ft unit) or eight (4 ft unit) stainless steel latches. Two (2) latches as cap-ture clips.

LAMP/SOCKET: Four (4) T5HO ratchet type sockets with Beghelli T5HO adaptor extenders.

MOUNTING: Surface mount configuration as standard. Optional (AC) aviation cable, adjustable and (PK) pendant mounting are available. Required mounting height to be specified.

POWER LINE/FEED: 3-wire, solid type 18awg, pre-stripped 12" leads for quick in-field connection.



CASTOR BS120



CASTOR

HZ120

FLUORESCENT (T8)



2' - 4'

WET/IP66
Hazardous



Surface / Suspended
Luminaire

Application: The **CASTOR HZ120T8** linear fluorescent series is a hazardous area luminaire certified for use in Class 1 / Division 2, Groups A, B, C & D environments. Constructed with heavy duty 20 gauge steel and finished in a white powder coat. The **HZ120T8** integrates a deep cavity bonded, anti-aging gasket that provides 100% protection from moisture. The impact resistant tempered safety glass is held in place by stainless steel latches. The **CASTOR HZ120T8** is available in 2ft and 4ft versions. The **CASTOR HZ120T8** is ideal for prep & inspection areas, coal & grain dust environments & sanding/ machining shops.

Type: _____

Project: _____

CONFIGURE:

a	MODEL	b	LENGTH	c	OPERATION	d	LAMPS	e	INPUT	f	REFLECTOR	g	OPTIONS
	HZ120T8 CASTOR HZ120 T8 SERIES	2 2 foot 4 4 foot		HT AC only		217W 2x17W T8 232W 2x32W T8		120V 277V 120/277V 347V		WD wide distribution ND narrow distribution		FP inline fuse protection PK rigid pendant kit: 18", 24", 36" & 48" AC aviation cable: 50", 72", 100", 150" & 250" CH chain hang kit	
								</					

NOTE: (AC & PK) length to be specified, i.e. PK24 or AC100

HOUSING: Deep draw die formed 20 gauge steel with cavity bonded anti-aging gasket. White powder coat finish.

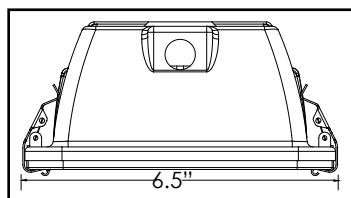
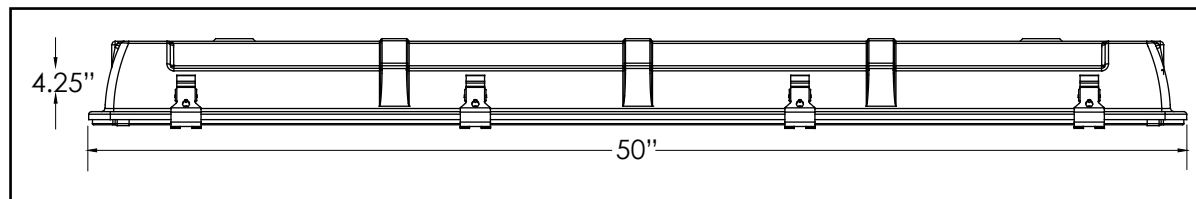
REFLECTOR: Direct mount dual parabolic high emission reflector. Direct mount reflector configuration supports all electrical components.

DIFFUSER: Impact resistant 4mm thick tempered glass, held in place with six (2 ft unit) or eight (4 ft unit) stainless steel latches. Two (2) latches as cap-ture clips.

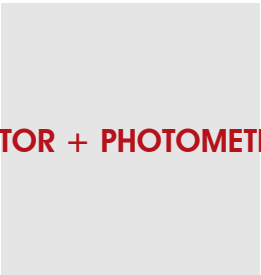
LAMP/SOCKET: Four (4) T8 ratchet type sockets.

MOUNTING: Surface mount configuration as standard. Optional (**AC**) aviation cable, adjustable and (**PK**) pendant mounting are available. Required mounting height to be specified.

POWER LINE/FEED: 3-wire, solid type 18awg, pre-stripped 12" leads for quick in-field connection.



CASTOR BS120



CASTOR + PHOTOMETRICS

PHOTOMETRIC DATA:

Configuration: **BS120T5HO-4-HT-254W-120/277-WD-AC**
Initial Lamp Lumens: 4450
Luminaire Efficiency: 85%

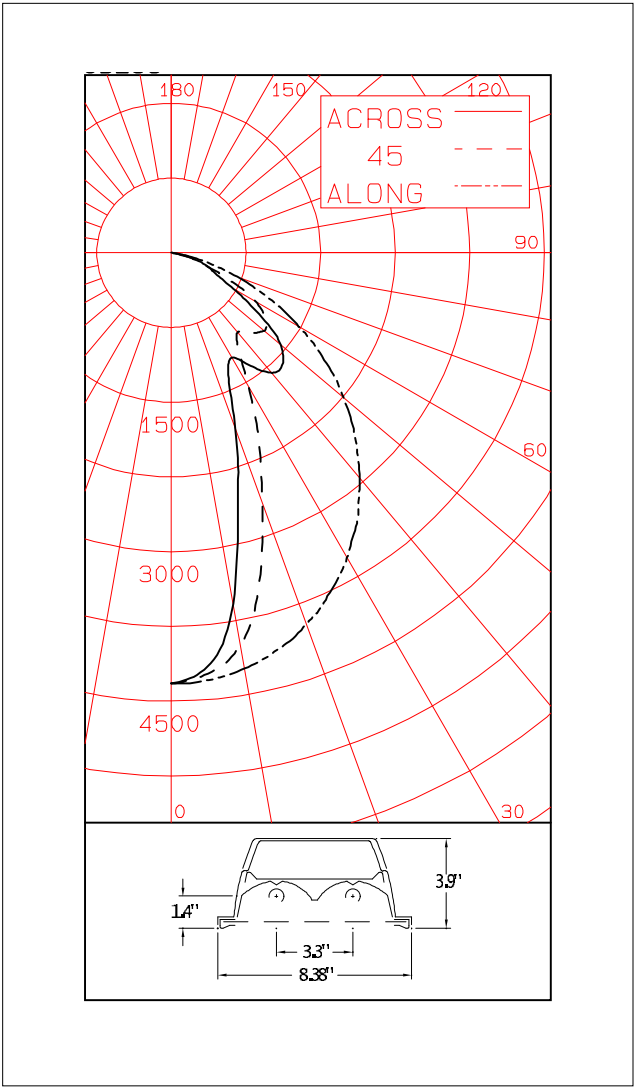
CANDLE POWER SUMMARY

ANGLE	ALONG	22.5	45	67.5	ACROSS	OUTPUT LUMENS
0	4323	4323	4323	4323	4323	401
5	4305	4276	4239	4197	4172	401
10	4236	4151	3998	3738	3579	401
15	4124	3961	3420	2818	2587	942
20	3967	3649	2677	2100	1886	942
25	3765	3224	2081	1495	1352	1077
30	3535	2689	1550	1222	1214	1077
35	3266	2161	1177	1254	1386	1091
40	2951	1693	1039	1439	1574	1091
45	2615	1281	1143	1518	1582	1156
50	2254	896	1217	1433	1431	1156
55	1876	666	1160	1175	1074	995
60	1484	602	974	786	722	995
65	1079	585	641	501	483	632
70	708	470	355	363	375	632
75	375	264	224	220	203	255
80	121	60	75	19	9	255
85	0	4	0	0	0	10
90	0	0	0	0	0	

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	2420	27.19	36.90
0-40	3511	39.45	53.53
0-60	5661	63.61	86.32
0-90	6559	73.70	100.00
40-90	3047	34.25	46.47
60-90	897	10.08	13.68
90-180	0	.00	.00
0-180	6559	73.70	100.00

LUMINANCE SUMMARY

Angle°	ALONG	45	ACROSS
45°	16883	7406	10251
55°	14937	9271	8584
65°	11658	6950	5237
75°	6620	3954	3594
85°	0	0	0



Please visit www.beghelliLUCE.com to download additional photometry pdfs and IES files.

PHOTOMETRIC DATA:

Configuration: **BS120T8-4-HT-232W-120/277-WD-AC**

Initial Lamp Lumens: 2950

Luminaire Efficiency: 71.1%

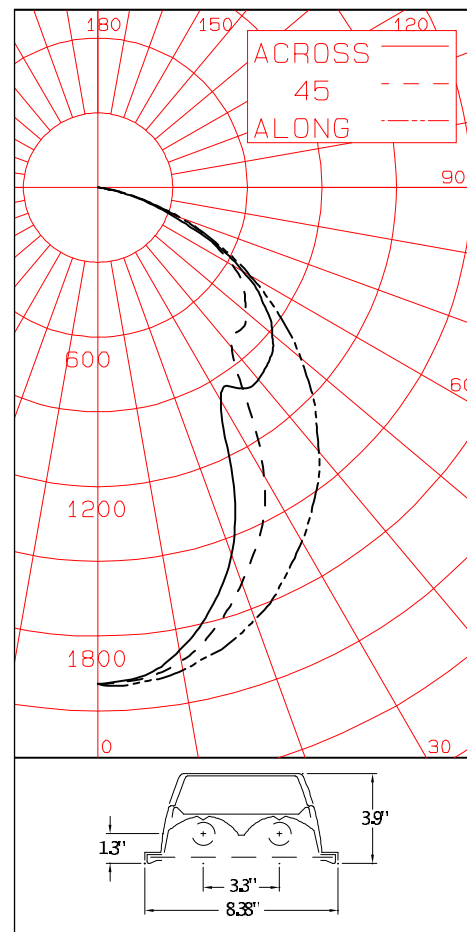
CANDLE POWER SUMMARY

ANGLE	ALONG	22.5	45	67.5	ACROSS	OUTPUT LUMENS
0	1993	1993	1993	1993	1993	
5	1991	1978	1980	1982	1970	190
10	1966	1953	1929	1903	1886	190
15	1918	1896	1826	1771	1749	513
20	1845	1792	1689	1617	1570	513
25	1749	1679	1538	1371	1284	694
30	1640	1542	1331	1042	986	694
35	1518	1394	1042	933	983	727
40	1381	1227	837	972	1003	727
45	1232	1033	808	963	976	744
50	1063	790	777	884	914	744
55	888	559	717	796	811	655
60	708	459	625	667	673	655
65	523	389	497	506	491	465
70	347	296	345	315	301	465
75	186	193	181	176	173	193
80	61	67	72	50	48	193
85	0	7	0	0	1	15
90	0	0	0	0	0	

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1397	23.69	33.31
0-40	2124	36.00	50.62
0-60	3523	59.72	83.97
0-90	4195	71.12	100.00
40-90	2073	35.11	49.38
60-90	672	11.40	16.03
90-180	0	.00	.00
0-180	4195	71.12	100.00

LUMINANCE SUMMARY

Angle°	ALONG	45	ACROSS
45°	7956	5236	6325
55°	7066	5730	6481
65°	5654	5386	5326
75°	3278	3203	3069
85°	0	0	62



Please visit www.beghelliluce.com to download additional photometry pdfs and IES files.

PHOTOMETRIC DATA:

Configuration: **BS120ST5HO-4-HT-254W-120/277WD-AC**
Initial Lamp Lumens: 4450
Luminaire Efficiency: 73.3%

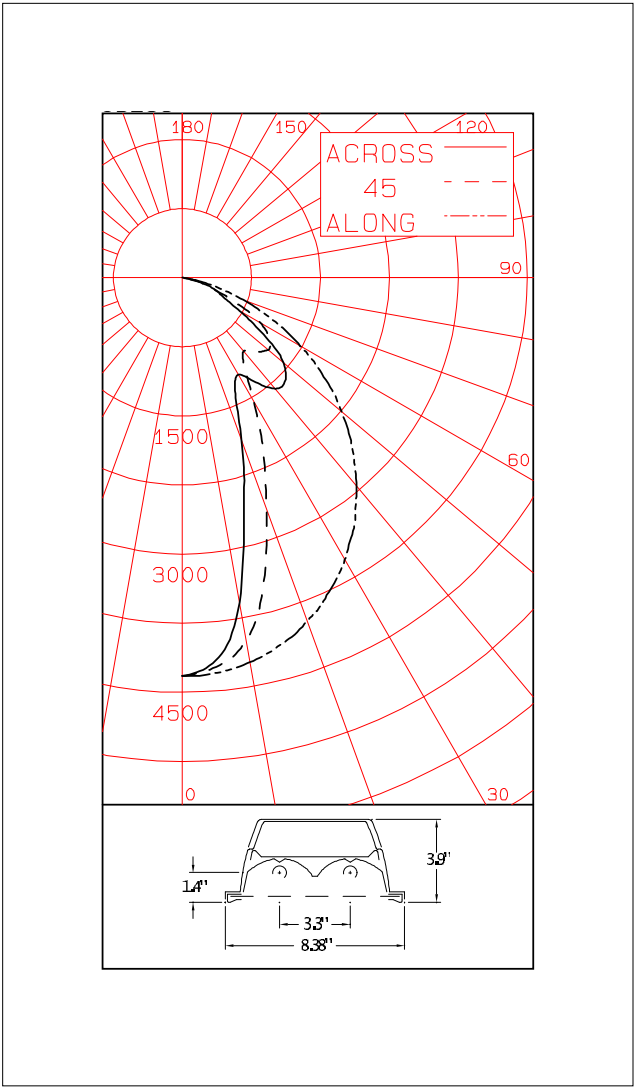
CANDLE POWER SUMMARY

ANGLE	ALONG	22.5	45	67.5	ACROSS	OUTPUT LUMENS
0	4323	4323	4323	4323	4323	401
5	4305	4276	4239	4197	4172	401
10	4236	4151	3998	3738	3579	401
15	4124	3961	3420	2818	2587	942
20	3967	3649	2677	2100	1886	942
25	3765	3224	2081	1495	1352	1077
30	3535	2689	1550	1222	1214	1077
35	3266	2161	1177	1254	1386	1091
40	2951	1693	1039	1439	1574	1091
45	2615	1281	1143	1518	1582	1156
50	2254	896	1217	1433	1431	1156
55	1876	666	1160	1175	1074	995
60	1484	602	974	786	722	995
65	1079	585	641	501	483	632
70	708	470	355	363	375	632
75	375	264	224	220	203	255
80	121	60	75	19	9	255
85	0	4	0	0	0	10
90	0	0	0	0	0	

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	2420	27.19	36.90
0-40	3511	39.45	53.53
0-60	5661	63.61	86.32
0-90	6559	73.70	100.00
40-90	3047	34.25	46.47
60-90	897	10.08	13.68
90-180	0	.00	.00
0-180	6559	73.70	100.00

LUMINANCE SUMMARY

Angle°	ALONG	45	ACROSS
45°	16883	7406	10251
55°	14937	9271	8584
65°	11658	6950	5237
75°	6620	3954	3594
85°	0	0	0



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PHOTOMETRIC DATA:

Configuration: **BS120ST5HO-4-HT-254W-120/277WD-AC**

Initial Lamp Lumens: 2950

Luminaire Efficiency: 71.1%

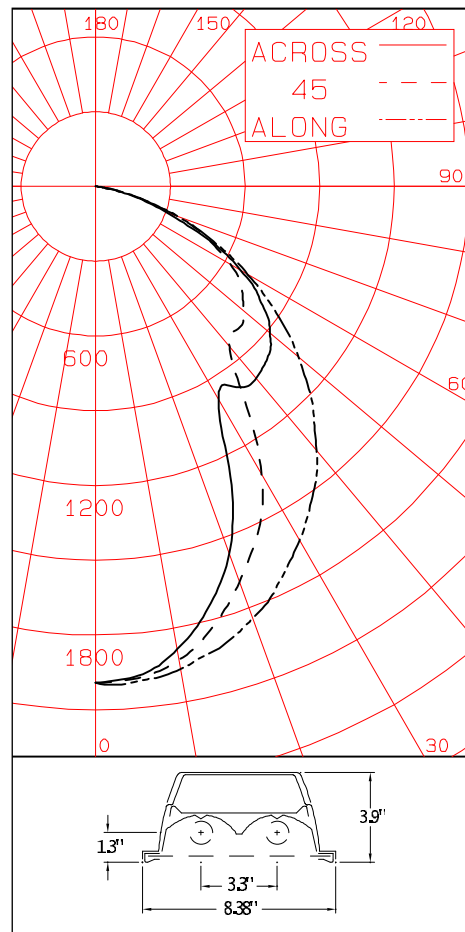
CANDLE POWER SUMMARY

ANGLE	ALONG	22.5	45	67.5	ACROSS	OUTPUT LUMENS
0	1993	1993	1993	1993	1993	
5	1991	1978	1980	1982	1970	190
10	1966	1953	1929	1903	1886	190
15	1918	1896	1826	1771	1749	513
20	1845	1792	1689	1617	1570	513
25	1749	1679	1538	1371	1284	694
30	1640	1542	1331	1042	986	694
35	1518	1394	1042	933	983	727
40	1381	1227	837	972	1003	727
45	1232	1033	808	963	976	744
50	1063	790	777	884	914	744
55	888	559	717	796	811	655
60	708	459	625	667	673	655
65	523	389	497	506	491	465
70	347	296	345	315	301	465
75	186	193	181	176	173	193
80	61	67	72	50	48	193
85	0	7	0	0	1	15
90	0	0	0	0	0	

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1397	23.69	33.31
0-40	2124	36.00	50.62
0-60	3523	59.72	83.97
0-90	4195	71.12	100.00
40-90	2073	35.11	49.38
60-90	672	11.40	16.03
90-180	0	.00	.00
0-180	4195	71.12	100.00

LUMINANCE SUMMARY

Angle°	ALONG	45	ACROSS
45°	7956	5236	6325
55°	7066	5730	6481
65°	5654	5386	5326
75°	3278	3203	3069
85°	0	0	62



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PHOTOMETRIC DATA:

Configuration: **BS120MT5HO-4-HT-254W-120/277V-WD-AC**
Initial Lamp Lumens: 4450
Luminaire Efficiency: 73.7%

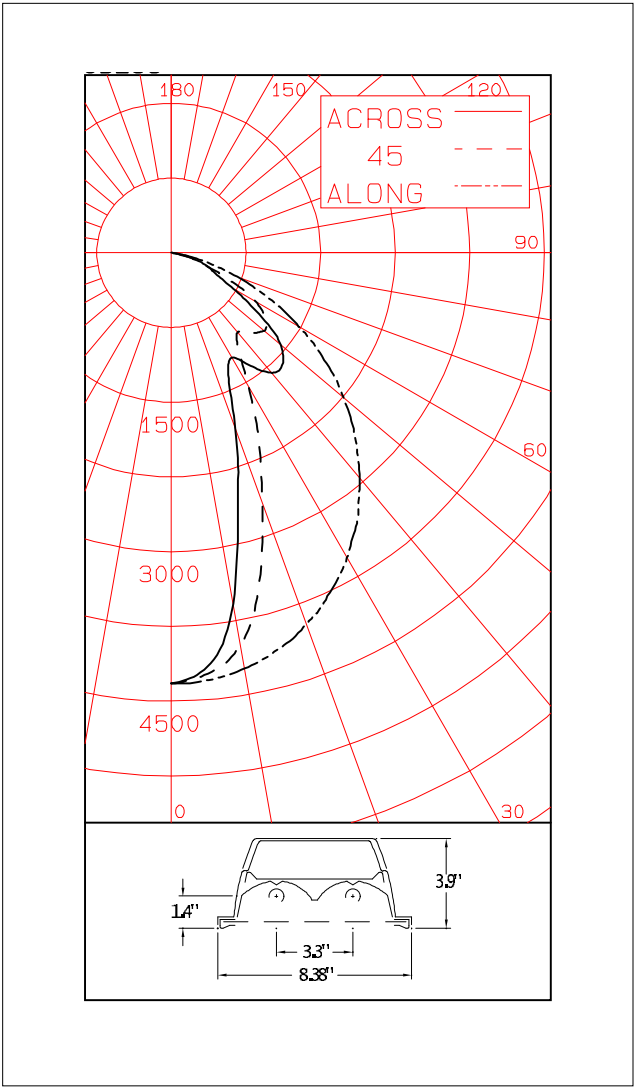
CANDLE POWER SUMMARY

ANGLE	ALONG	22.5	45	67.5	ACROSS	OUTPUT LUMENS
0	4323	4323	4323	4323	4323	401
5	4305	4276	4239	4197	4172	401
10	4236	4151	3998	3738	3579	401
15	4124	3961	3420	2818	2587	942
20	3967	3649	2677	2100	1886	942
25	3765	3224	2081	1495	1352	1077
30	3535	2689	1550	1222	1214	1077
35	3266	2161	1177	1254	1386	1091
40	2951	1693	1039	1439	1574	1091
45	2615	1281	1143	1518	1582	1156
50	2254	896	1217	1433	1431	1156
55	1876	666	1160	1175	1074	995
60	1484	602	974	786	722	995
65	1079	585	641	501	483	632
70	708	470	355	363	375	632
75	375	264	224	220	203	255
80	121	60	75	19	9	255
85	0	4	0	0	0	10
90	0	0	0	0	0	

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	2420	27.19	36.90
0-40	3511	39.45	53.53
0-60	5661	63.61	86.32
0-90	6559	73.70	100.00
40-90	3047	34.25	46.47
60-90	897	10.08	13.68
90-180	0	.00	.00
0-180	6559	73.70	100.00

LUMINANCE SUMMARY

Angle°	ALONG	45	ACROSS
45°	16883	7406	10251
55°	14937	9271	8584
65°	11658	6950	5237
75°	6620	3954	3594
85°	0	0	0



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PHOTOMETRIC DATA:

Configuration: BS120MT8-4-HT-232W-120/277-WD-AC

Initial Lamp Lumens: 2950

Luminaire Efficiency: 71.1%

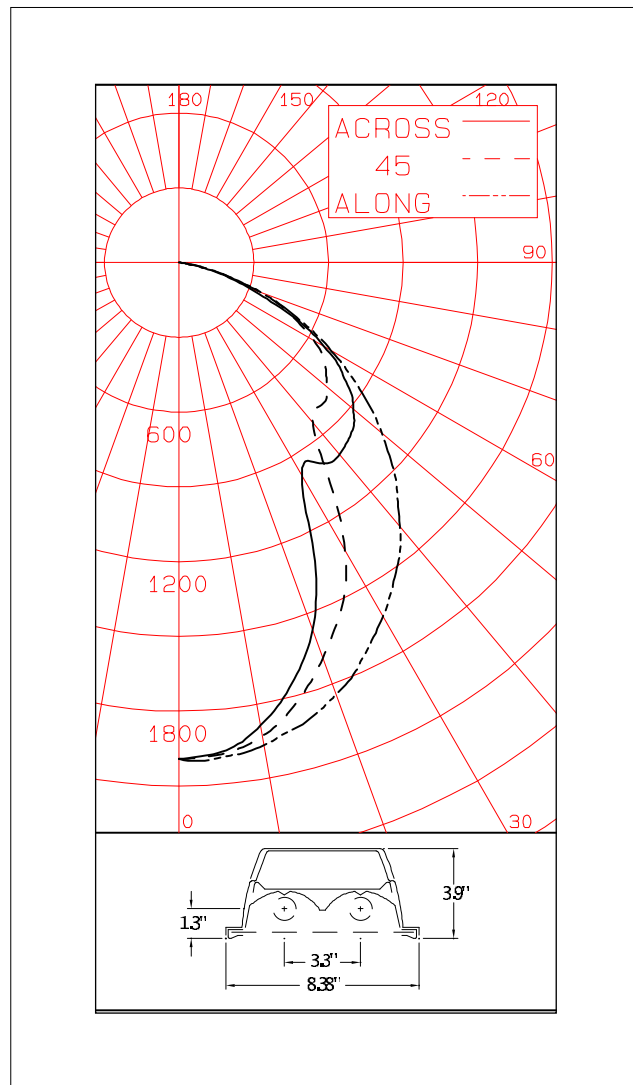
CANDLE POWER SUMMARY

ANGLE	ALONG	22.5	45	67.5	ACROSS	OUTPUT LUMENS
0	1993	1993	1993	1993	1993	
5	1991	1978	1980	1982	1970	190
10	1966	1953	1929	1903	1886	190
15	1918	1896	1826	1771	1749	513
20	1845	1792	1689	1617	1570	513
25	1749	1679	1538	1371	1284	694
30	1640	1542	1331	1042	986	694
35	1518	1394	1042	933	983	727
40	1381	1227	837	972	1003	727
45	1232	1033	808	963	976	744
50	1063	790	777	884	914	744
55	888	559	717	796	811	655
60	708	459	625	667	673	655
65	523	389	497	506	491	465
70	347	296	345	315	301	465
75	186	193	181	176	173	193
80	61	67	72	50	48	193
85	0	7	0	0	1	15
90	0	0	0	0	0	

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1397	23.69	33.31
0-40	2124	36.00	50.62
0-60	3523	59.72	83.97
0-90	4195	71.12	100.00
40-90	2073	35.11	49.38
60-90	672	11.40	16.03
90-180	0	.00	.00
0-180	4195	71.12	100.00

LUMINANCE SUMMARY

Angle°	ALONG	45	ACROSS
45°	7956	5236	6325
55°	7066	5730	6481
65°	5654	5386	5326
75°	3278	3203	3069
85°	0	0	62



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CASTOR BS120

PHOTOMETRIC DATA:

Configuration: **HZ120T5HO-4-HT-254W-120/277V-WD-AC**
Initial Lamp Lumens: 4450
Luminaire Efficiency: 73.7%

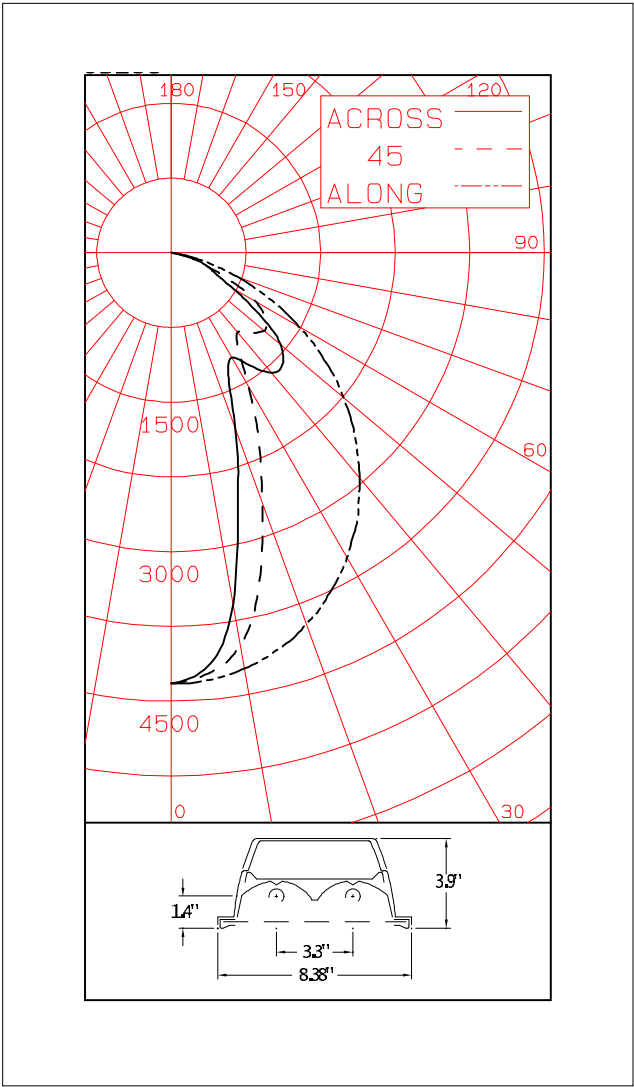
CANDLE POWER SUMMARY

ANGLE	ALONG	22.5	45	67.5	ACROSS	OUTPUT LUMENS
0	4323	4323	4323	4323	4323	401
5	4305	4276	4239	4197	4172	401
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70	708	470	355	363	375	632
75	375	264	224	220	203	255
80	121	60	75	19	9	255
85	0	4	0	0	0	10
90	0	0	0	0	0	

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	2420	27.19	36.90
0-40	3511	39.45	53.53
0-60	5661	63.61	86.32
0-90	6559	73.70	100.00
40-90	3047	34.25	46.47
60-90	897	10.08	13.68
90-180	0	.00	.00
0-180	6559	73.70	100.00

LUMINANCE SUMMARY

Angle°	ALONG	45	ACROSS
45°	16883	7406	10251
55°	14937	9271	8584
65°	11658	6950	5237
75°	6620	3954	3594
85°	0	0	0



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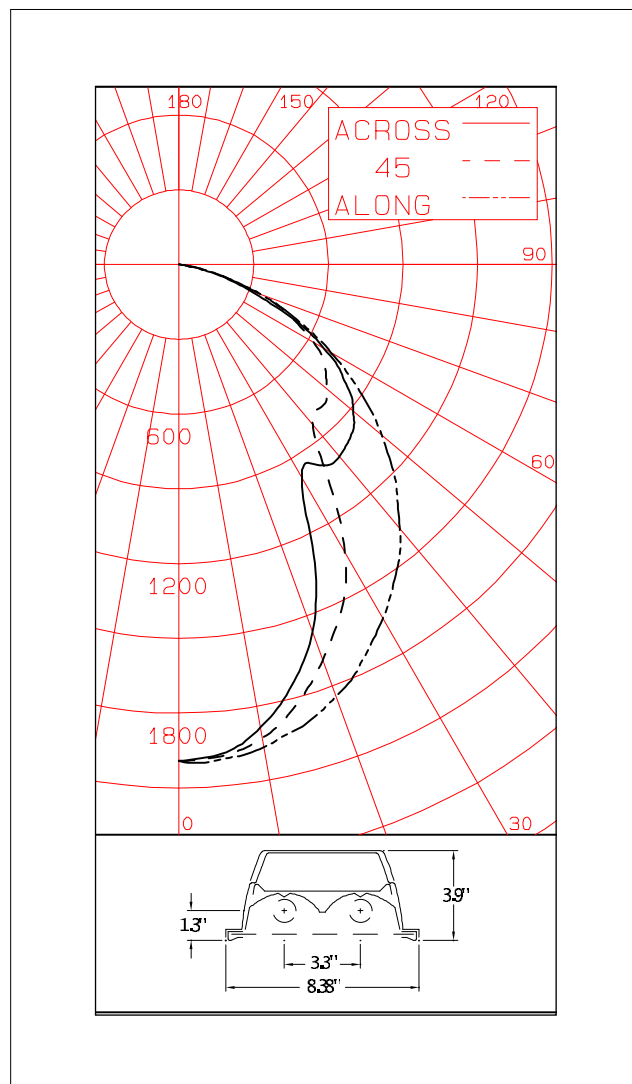
PHOTOMETRIC DATA:**Configuration:** HZ120T8-4-HT-232W-120/277V-WD-AC**Initial Lamp Lumens:** 2950**Luminaire Efficiency:** 71.1%**CANDLE POWER SUMMARY**

ANGLE	ALONG	22.5	45	67.5	ACROSS	OUTPUT LUMENS
0	1993	1993	1993	1993	1993	
5	1991	1978	1980	1982	1970	190
10	1966	1953	1929	1903	1886	190
15	1918	1896	1826	1771	1749	513
20	1845	1792	1689	1617	1570	513
25	1749	1679	1538	1371	1284	694
30	1640	1542	1331	1042	986	694
35	1518	1394	1042	933	983	727
40	1381	1227	837	972	1003	727
45	1232	1033	808	963	976	744
50	1063	790	777	884	914	744
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60	708	459	625	667	673	655
65	523	389	497	506	491	465
70	347	296	345	315	301	465
75	186	193	181	176	173	193
80	61	67	72	50	48	193
85	0	7	0	0	1	15
90	0	0	0	0	0	

ZONE	LUMENS	% LAMP	% LUMINAIRE
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0-40	2124	36.00	50.62
0-60	3523	59.72	83.97
0-90	4195	71.12	100.00
40-90	2073	35.11	49.38
60-90	672	11.40	16.03
90-180	0	.00	.00
0-180	4195	71.12	100.00

LUMINANCE SUMMARY

Angle°	ALONG	45	ACROSS
45°	7956	5236	6325
55°	7066	5730	6481
65°	5654	5386	5326
75°	3278	3203	3069
85°	0	0	62



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CASTOR BS120