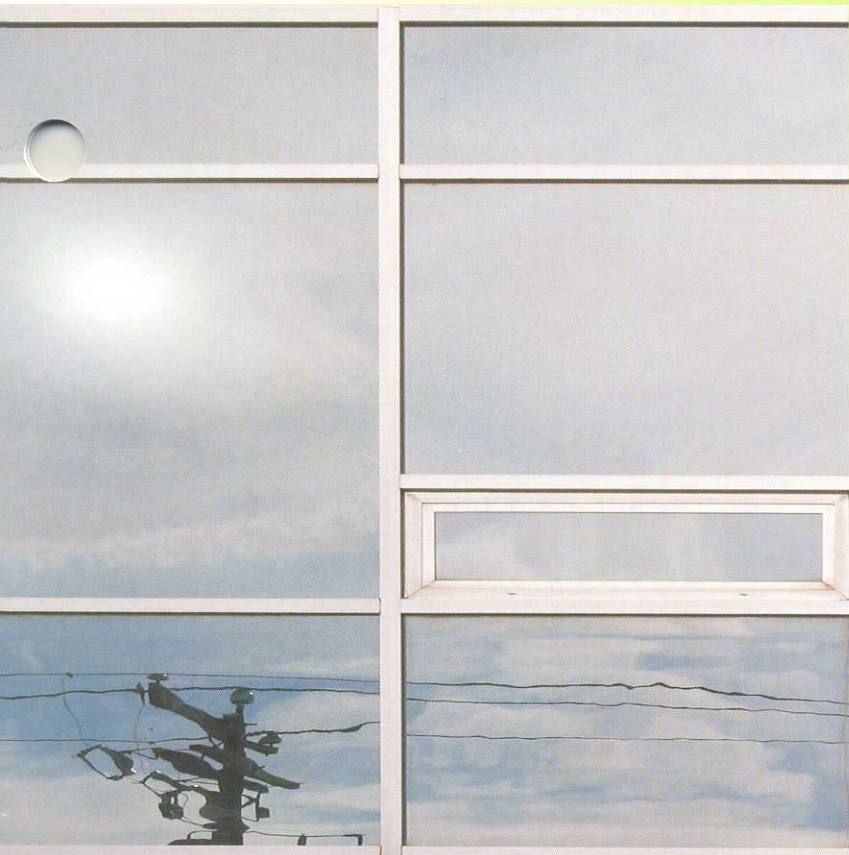


# PEERLESS

ELECTRIC

FLUORESCENT - Surface

ENCLOSED & GASKETED



**IP67**  
CERTIFIED

HIGH PRESSURE  
HOSE TEST



AquaProtect4

AP4



# AP4 AquaProtect4



**GENERAL:**

Alternative to traditional weatherproof fluorescent enclosures, offering more versatility and benefits. Wide profile design for T5 and T8 application, contributing to long term energy savings. Optional specular reflectors provide narrow beam distribution. Extremely durable, while maintaining a clean new look. Available in 4' length, 4 and 6 lamps.

**CONSTRUCTION:**

One piece fiberglass housing, designed to minimize horizontal surfaces and latch pockets that are prone to retaining debris. Poured in place gasket seals the enclosure from most hostile environments. Internal gear tray containing ballast, sockets and wiring swings out for servicing and is easily removable. Stainless steel latches, which can easily be made tamper resistant, seal the entire fixture liquid tight. Optional lens tethers secure the lens to the housing during fixture maintenance.

**SHIELDING:**

100% impact resistant acrylic for maximum light transitions and longevity or UV stabilized polycarbonate for temperature extremes and maximum impact resistance. The face side of the lens is glass clear to maximize efficiency and minimize distortion of reflectors intended distribution. The sides have precise lineal prisms and the ends are lightly frosted to reduce direct glare.

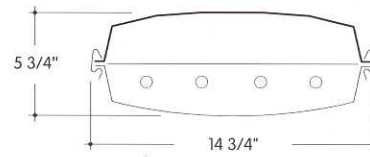
**ELECTRICAL:**

Instant start electronic ballast, 120V-50/60Hz.  
Other ballasts and voltages available upon request.

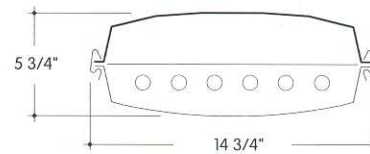
**CERTIFICATIONS:**

CSA and/or UL  
IP67 UL certified for wet locations  
NSF certified  
HIGH PRESSURE HOSE TEST

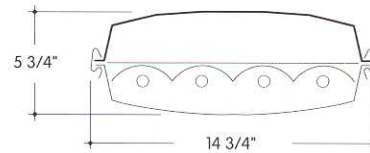
AP4-4-454-PC



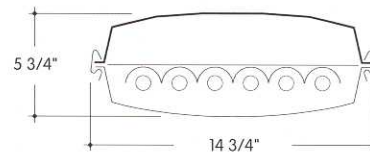
AP4-4-632-PC



AP4-HB-4-454-PC



AP4-HB-4-632-PC



**\*Series Numbering System**

AP4	-		-	4	-	4	54	-	PC	-	LSS	-	HT	-	VH	-		-	347	-	IS	
Series		High Bay Option *	Module Length	Lamps	Watts	Diffuser	Latching Options	Gear tray Options	Mounting Options	Options	Volts	Ballast										
		HB = Contoured Specular Reflectors Omit for None	4 = 4'	4 6	32 (T8) 54 (T5HO)	PC = Polycarbonate AC = Acrylic	LSS = Stainless Steel LSST = Stainless Steel, Tamper resistant	HT = Specular MR = Maximum Reveal 97% Omit for B.W.E.	VH = "V" hook ** CH = Cable hanger ***	LT = Lens tether	120 277 347	IS RS PRS										

\* Not applicable with HT or MR Gear tray option  
\*\* "V" hook supplied as a standard mounting option  
\*\*\* Aircraft cable provision by Peerless - Cable hanger by others

# Very tough enclosures for demanding environments - IP67 Certified

# AP4

## Basic Ordering Guide\*

AP4-4-432-PC-LSS-VH 4x32W T8  
 AP4-4-432-PC-LSS-HT-VH 4x32W T8  
 AP4-4-432-PC-LSS-MR-VH 4x32W T8

AP4-4-454-PC-LSS-VH 4x54W T5HO  
 AP4-4-454-PC-LSS-HT-VH 4x54W T5HO  
 AP4-4-454-PC-LSS-MR-VH 4x54W T5HO

AP4-4-632-PC-LSS-VH 6x32W T8  
 AP4-4-632-PC-LSS-HT-VH 6x32W T8  
 AP4-4-632-PC-LSS-MR-VH 6x32W T8

AP4-4-654-PC-LSS-VH 6x54W T5HO  
 AP4-4-654-PC-LSS-HT-VH 6x54W T5HO  
 AP4-4-654-PC-LSS-MR-VH 6x54W T5HO

AP4-HB-4-432-PC-LSS-VH 4x32W T8  
 AP4-HB-4-454-PC-LSS-VH 4x54W T5HO

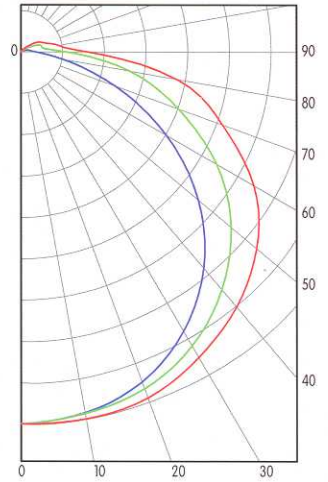
AP4-HB-4-632-PC-LSS-VH 6x32W T8  
 AP4-HB-4-654-PC-LSS-VH 6x54W T5HO

### AP4-4-454-PC

Total Luminaire Optical Efficiency = 91.3%

Coefficients of Utilization - Zonal Cavity Method:

pw	pcc = 80				pcc = 70				pcc = 50			
RCR	70	50	30	10	70	50	30	10	50	30	10	
0	107	107	107	107	104	104	104	104	98	98	98	
1	96	91	86	82	93	88	84	80	83	80	76	
2	86	78	71	65	83	75	69	64	71	66	61	
3	78	67	59	53	75	66	58	52	62	56	50	
4	71	59	50	44	68	58	49	43	55	48	42	
5	65	52	44	37	63	51	43	37	48	41	36	
6	60	47	38	32	58	46	38	32	44	36	31	
7	55	42	34	28	53	41	33	28	39	32	27	
8	51	38	30	25	50	38	30	24	36	29	24	
9	48	35	27	22	46	34	27	22	33	26	21	
10	45	32	25	20	43	32	24	20	30	24	19	

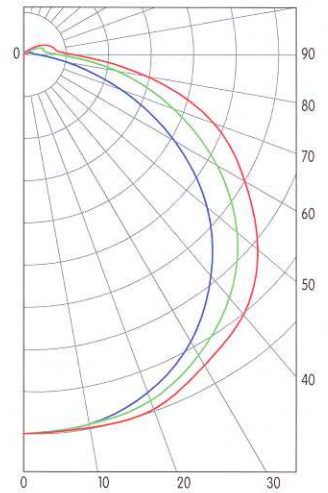


### AP4-4-654-PC

Total Luminaire Optical Efficiency = 89.3%

Coefficients of Utilization - Zonal Cavity Method:

pw	pcc = 80				pcc = 70				pcc = 50			
RCR	70	50	30	10	70	50	30	10	50	30	10	
0	105	105	105	105	102	102	102	102	97	97	97	
1	94	90	85	81	91	87	83	79	82	79	76	
2	85	77	70	65	82	75	69	63	71	66	61	
3	77	67	59	53	74	65	58	52	62	55	50	
4	70	59	50	44	68	57	49	43	54	48	42	
5	64	52	44	37	62	51	43	37	48	41	36	
6	59	47	38	32	57	45	38	32	43	36	31	
7	55	42	34	28	53	41	33	28	39	32	27	
8	51	38	30	25	49	37	30	25	36	29	24	
9	47	35	27	22	46	34	27	22	33	26	22	
10	44	32	25	20	43	31	24	20	30	24	19	



## APPLICATIONS:

CAR WASHES • SWIMMING POOLS • MARINAS  
 FOOD PROCESSING FACILITIES • BEVERAGE INDUSTRY • REFRIGERATED STORAGE  
 LIVESTOCK CONTAINMENT • GARDEN CENTERS  
 TUNNELS • CONSTRUCTION SITES  
 RETAIL STORES • EXTERIOR RETAIL

## Any application that may require:

Washability / hose down  
 Complete containment of the lamps  
 The ability to withstand reduced temperatures  
 Withstands moderate impact



100% Canadian



# PEERLESS ELECTRIC CO. LTD.

## **Montreal** (Head Office)

9145 Boivin Street  
Montreal, Quebec  
H8R 2E5

Tel: (514) 595-1671  
Fax: (514) 595-4411

## **Toronto**

161 Bartley Drive  
Toronto, Ontario  
M4A 1E6

Tel: (416) 751-5644  
Fax: (416) 751-5622

## **Calgary**

4120 23rd Street N.E.  
Calgary, Alberta  
T2E 6W9

Tel: (403) 291-6788  
Fax: (403) 291-6779

[info@peerless-electric.com](mailto:info@peerless-electric.com)

[www.peerless-electric.com](http://www.peerless-electric.com)