

DESCRIPTION

The Fail-Safe VR 2000 11" Round Series combines strength-gaining architecture with energy-saving technology. Architecturally angled facets blend with its circular form to actually increase the ability of the lens to deflect blows and absorb impact. Extra thick injection molded polycarbonate lens incorporates an optical design that obscures the lamp image and spreads light evenly. An emergency battery pack is also available on fluorescent fixtures. U.L. listed and C.S.A. certified for wet locations. The durable, versatile 11" Round TC/TW is perfect for use in corridors, dormitories, public rest rooms, rapid transit stations, loading docks and minimum security institutions.

SPECIFICATION FEATURES

A ... Lens

One-piece injection molded UV stabilized polycarbonate min. 0.130" thick. All light control prisms & blondels are on the inside surface of the lens, reducing dirt build-up and making cleaning easier.

B ... Fasteners

Four stainless steel TORX® screws with center reject pin. Screw-heads are recessed into lens to maximize tamper-resistance. Fasteners are captive in the lens and sealed by means of a neoprene O-ring.

C ... Reflector

16 ga. CRS with white high reflectance polyester powder coat finish.

D ... SCT Housing

(Optional Accessory) Cast aluminum. Four 1/4" dia. fasteners are required for maximum vandal resistance. Three 1/2" NPT entries for surface conduit. Standard black polyester powder coat finish. Housing is designed for surface mount. Any other application will void Cooper's warranty.

E ... Socket

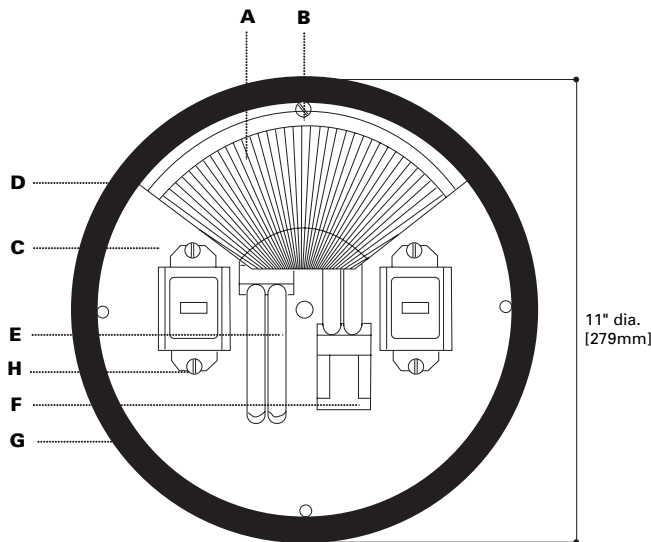
Polycarbonate: Dedicated to correct lamp wattage. Incandescent is porcelain medium base with nickel-plated brass screw shell.

F ... Gasket

One-piece die cut closed-cell EPDM mounting gaskets seal entire lens and housing.

G ... Ballast

Copper-wound NPF, HPF or electronic ballast are available with certain wattages. Consult ordering information.



PP=Perimeter Paint



HE=Horizontal Eyelid

**TC
TW**
11" ROUND
ADA Compliant

7W - 32W
Fluorescent

75W
Incandescent

POLYCARBONATE
11" ROUND SURFACE LUMINAIRE
Clear Prismatic or White
Vandal Resistant
Luminaire

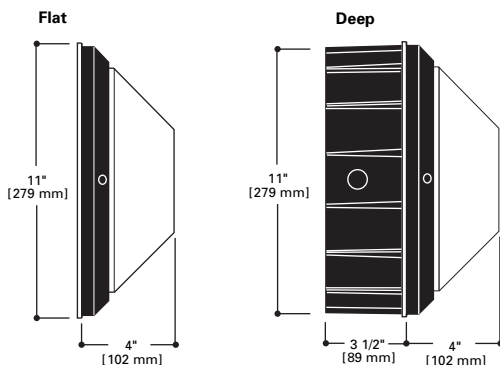
ENERGY DATA

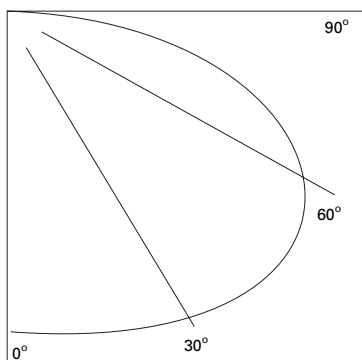
For Energy Management related technical data to support the performance of this fixture series, refer to the ordering information for input wattage.

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SIDE DIMENSIONS



**CTTC-PP-26A-120**

(1) PL-T/26W/30/4P Lamp
1800 Lumens

Efficiency: 47.5%

Spacing Criterion: 1.7

Ballast Factor: 1.0

Report # 767200

Coefficients of Utilization

Effective floor cavity reflectance										20%											
rc	80%				70%				50%				30%				10%				0%
rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	56	56	56	56	55	55	55	55	52	52	52	50	50	50	48	48	48	47			
1	50	48	45	43	49	46	44	42	42	42	41	42	41	39	40	39	38	37			
2	45	41	37	34	44	40	36	33	38	35	32	36	33	31	34	32	30	29			
3	41	35	30	27	39	34	30	26	32	29	26	31	28	25	29	27	25	24			
4	37	30	26	22	36	30	25	22	28	25	22	27	24	21	26	23	21	20			
5	33	27	22	18	32	26	22	18	25	21	18	24	20	18	23	20	17	16			
6	30	23	19	15	29	23	18	15	22	18	15	21	17	15	20	17	14	13			
7	28	21	16	13	27	20	16	13	19	15	12	18	15	12	18	15	12	11			
8	26	18	14	11	25	18	14	11	17	13	11	17	13	11	16	13	10	9			
9	24	17	12	9	23	16	12	9	16	12	9	15	12	9	14	11	9	8			
10	22	15	11	8	21	15	11	8	14	10	8	14	10	8	13	10	8	7			

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0- 30	136	7.6	15.9
0- 40	245	13.6	28.6
0- 60	535	29.7	62.7
0- 90	839	46.6	98.2
0-180	854	47.5	100.0

Candlepower

Angle	0.0
0	151
5	152
10	153
15	157
20	161
25	165
30	169
35	173
40	175
45	177
50	176
55	171
60	163
65	148
70	127
75	101
80	71
85	46
90	27

ORDERING INFORMATION

SAMPLE NUMBER: DDTC-PP-16A-120V

Lamp Type	Product Family	Paint Configuration	Wattage	Ballast	Voltage	Options	Color	Accessories (order separately)
TT =Twin Tube QD =Quad Tube CT =Compact Triple DD =2D IN =Incandescent	11" Round Series TC =Clear Prismatic Polycarbonate Lens TW =White Polycarbonate Lens	PP =Perimeter Paint (Standard) HE =Horizontal Eyelid	7 =7W 16 =16W 21 =21W 26 =26W 27 =27W 32 =32W 75 =75W	N =Normal Power Factor H =High Power Factor A =Electronic	120 =120V 277 =277V	F1 =Single Fused LL =Lamp Included RP =Rust Proof Construction EBP =Emergency Battery Pack SCT =Deep Surface Conduit Box	Blank =Black (Standard) WHT =White DBZ =Bronze AP =Gray	PB-120V =Photocell Kit PB-277V =Photocell Kit VRSD =V-R Screwdriver for all Lens Screws VRSB =V-R Screwdriver Bit for all Lens Screws

ORDERING MATRIX

LAMP TYPE/ WATTAGE	BALLAST			VOLTAGE		OPTIONS		
	N	H	A	120V	277V	F1	LL	RP(3)
TT (TWIN TUBE)								
7=7W	*	*	-	*	*	1	*	*
14=(2)7W	*	*	-	*	*	1	*	*
QD (QUAD TUBE)								
27=(2)13W	*	*	*	*	1,2*	1	*	*
CT (COMPACT TRIPLE)								
26=26W	-	-	*	*	*	1	*	*
32=32W	-	-	1	*	*	1	*	*
DD (2D LAMP)								
16=16W	-	-	*	*	*	1	*	*
21=21W	-	-	*	*	*	1	*	*
IN (INCANDESCENT)								
75=75W	-	-	-	*	-	-	-	*

Notes:

For additional options, consult your Cooper Lighting Representative. Specifications and dimensions subject to change without notice. Products also available in non-US voltages and 50Hz for international markets.

1. Supplied from factory with deep casting. 2. Only available in HPF. 3. RP option not required when casting in supplied.

*-Does not apply when using electronic ballast.