

Project:	
Location:	
Model#: PET440SWDI-WRV-WH	Type:
Client:	Qty:
Prepared by:	Date:

## SERIES SPECIFICATIONS

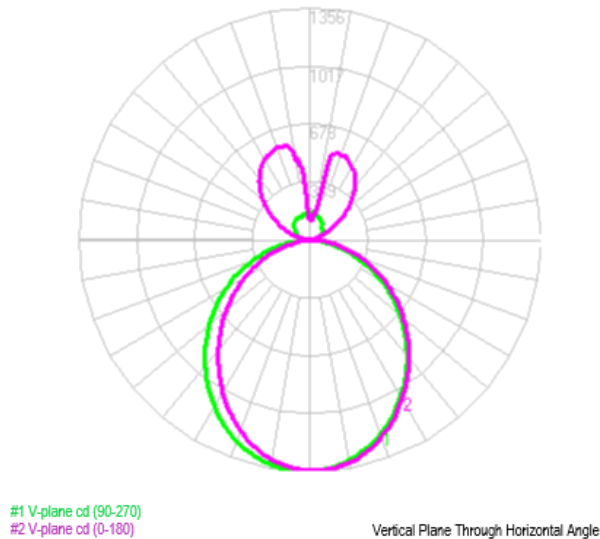


To supply Tamlite' s PET Series 4ft Direct - Indirect luminaire. The Aluminium body and machined endcaps shall be White Electrostatic Polyester Powder Coat painted parts that are treated with a five stage phosphate bonding process. The driver shall operate from 120-347Vac and be a dimmable Class II/P driver, integrating 0-10Vdc, (0% Min Light Level). Lensing shall be Polycarbonate and easily removable for maintenance and assembly. Fixture shall be IP20, Dry Location Only listed. Fixture shall be UL Safety US-CA listed.

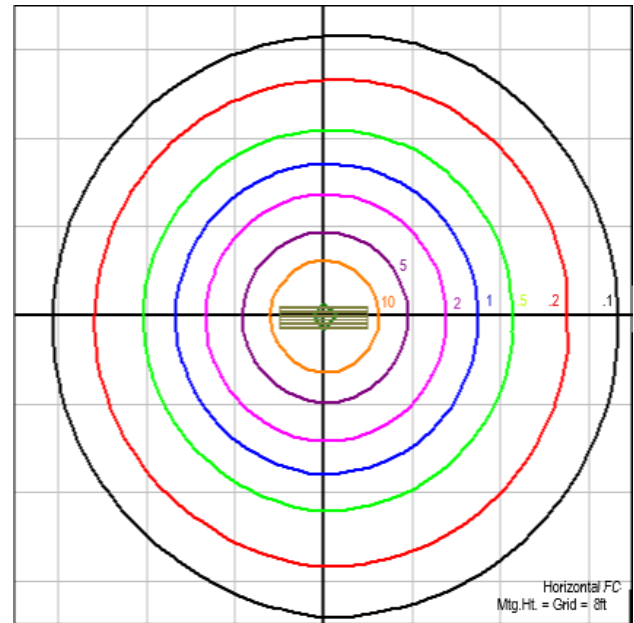


## PERFORMANCE SPECIFICATIONS

### Luminance Distribution Chart



### Isolux Diagram



### Zonal Lumen Summary

Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens
0-10	127.26	30-40	616.4	60-70	400.8	90-100	18.62	120-130	202.79	150-160	187.24
10-20	359.18	40-50	617.39	70-80	218.91	100-110	68.23	130-140	246.78	160-170	100.77
20-30	529.48	50-60	540.94	80-90	52.87	110-120	134.25	140-150	243.98	170-180	20.51



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#### Co-efficient of Utilization

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
RF	20				20				20				20				20				20
0	113	113	113	113	107	107	107	107	97	97	97	87	87	87	78	78	78	74			
1	103	99	95	91	98	94	90	87	85	82	80	77	75	73	69	68	66	62			
2	94	86	80	75	89	82	77	72	75	70	66	67	64	61	61	58	56	52			
3	86	76	68	62	81	72	66	60	66	60	56	60	55	51	54	50	47	44			
4	79	67	59	53	74	64	57	51	59	52	48	53	48	44	48	44	41	38			
5	72	60	52	45	68	58	50	44	53	46	41	48	43	38	44	39	36	33			
6	67	54	46	40	63	52	44	38	47	41	36	43	38	34	40	35	31	29			
7	62	49	41	35	59	47	39	34	43	37	32	39	34	30	36	32	28	26			
8	57	45	37	31	54	43	35	30	39	33	28	36	31	27	33	29	25	23			
9	54	41	33	28	51	39	32	27	36	30	26	33	28	24	31	26	23	21			
10	50	38	30	25	48	36	29	25	33	27	23	31	26	22	28	24	21	19			

**Initial Lumen Output:** 3463lm / 1223lm D/I  
**CBCP:** 1355cd  
**Luminaire Type:** Suspended Direct - Indirect  
**UL Classification:** Dry Location Only  
**Limited Product Warranty:** 5 Year(s)

**Efficacy:** 111lm/W  
**Beam Angle:** 100 deg  
**Spacing Criteria:** 1.22 (0-180) 1.2 (90-270)  
**Certification Standards:** UL Safety US-CA

**Max Candela:** 1355cd  
**Field Angle:** 156 deg  
**Environmental Rating(s):** IP20  
**CCN Number:** IFAM7.E359675

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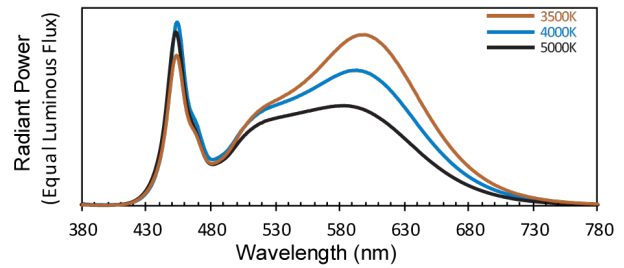
## LED SPECIFICATIONS

### R Tables

R1	83
R2	93
R3	95
R4	81
R5	83
R6	92
R7	82
R8	59

R9	8
R10	83
R11	81
R12	74
R13	85
R14	98
R15	74
Ra	85

### SPD



Source Type: LED

L90: > 50,000 hrs.

Rf: 85

Colour Temperature: 3000K, 3500K,  
4000K, 5000K Field Selectable

Rg: 95

## ELECTRICAL SPECIFICATIONS

Driver Manufacturer: ARC Smart  
Electronic Co. Ltd.

Fixture Draw: 42.14W

Current Draw at 347Vac: 0.1214A

Power Factor at 277Vac: > 0.90

THD at 347Vac(%): < 10%

Short Circuit Protection: Auto recovery.

The output recovers when short is removed.

Input Voltage: 120-347Vac

Current Draw at 120Vac: 0.3512

Max On-Delay: < 1 S

Power Factor at 347Vac: > 0.90

Dimming: 0-10Vdc, (0% Min Light Level)

Input Frequency: 50/60 hz

Current Draw at 277Vac: 0.1521A

Power Factor at 120Vac: > 0.90

THD at 120Vac(%): < 5%

Over Temperature Protection: Auto  
recovery. The output recovers when the  
temperature returns to normal.



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#### PHYSICAL SPECIFICATIONS

**Finish Colour:** White

**Mounting:** Surface mounting hardware included

**Lens Type:** Opal

**Finish Type:** Electrostatic Polyester Powder Coat

**Housing Material:** Aluminium

**Entries:** 2 1/2inch knock-outs on fixture back

**Wiring:** Internal, L, N, G and 0-10Vdc wires

**Lens Material:** Polycarbonate

#### SHIPPING INFORMATION

**OrderingCode(s):** PET440SWDI-WRV-WH

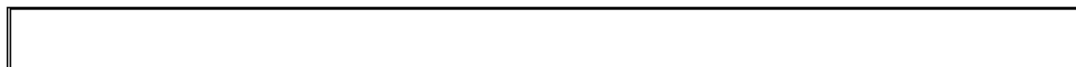
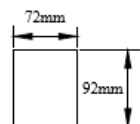
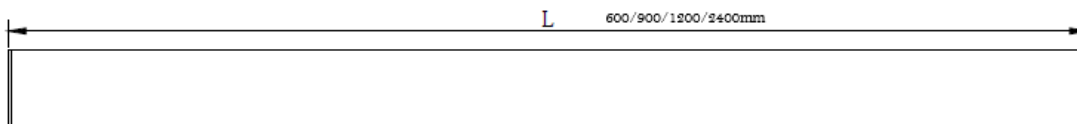
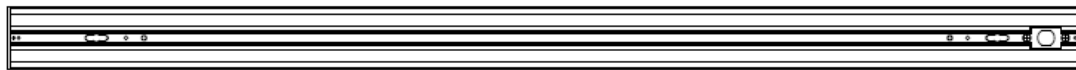
**Box Quantity:** 1

**Box Dimensions (L-W-H):**

1200x72x92mm (48x2-13/26x3-5/8in)

#### LINE DRAWING

##### Line Drawings



#### SERIES ARCHITECTURE

**Optional Extras:** PET-C10, PET-JL-SWD-WH, PET-JT-SWD-WH, PET-JX-SWD-WH, PET-J120-SWD-WH, PET-MUDKIT4, PET-RECKIT4, PET-SUSKIT6, PET-TBARKIT, PET-WMKIT