

PROJECT NAME	
CATALOG NUMBER	
NOTES	
FIXTURE TYPE	

PRODUCT DESCRIPTION

The OKT 1'x4FT LED Panel Light delivers high lumen of exceptional 82+ CRI light while achieving 87 lumens per watt in 100~277 VAC Input with fired rated junction box .It is available in 4000k,5000k DLC CCT Options and has 0-10V dimming available which is perfect for new construction applications or retrofitting existing fluorescent troffer light fixtures.

PRODUCT SPECIFICATIONS

• LED Chip

Use approved LM-80 SMD packing, Active color management maintains superior color consistency over time and temperature. Every fixture is tuned as a complete system to the optimal color point before shipment, ensuring fixture-to-fixture color consistency.

• Heat Sink

The source and radiator distribution in fixture around, heat source distribution placed solve heat concentration, quantity of heat conduction of each other and radiation, effective to solve thermal management system design of the cooling.This enables the LEDs to consistently run cooler, providing significant boosts to lifetime, efficacy, and color consistency.

• Optical System

Proprietary optical system utilizes a unique combination of reflective and refractive optical components to achieve a uniform, comfortable appearance. Use guide plate printing high density pixels to shine, and has the light even, shiny surface, no shelter Angle, and no glare, high efficacy.

ELECTRICAL SYSTEM

high efficiency driver and power supply.

Power Factor: >0.9(277V)

Diver output: DC30V 2A

Input Power: Stays constant over life

Diver Input: AC100-277 V 50/60Hz

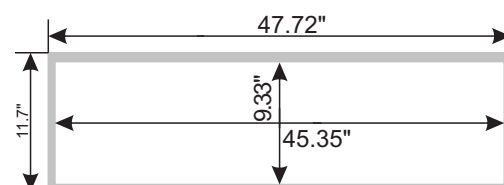
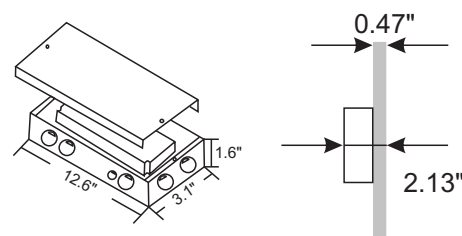
Temperature Rating: Designed to operate in temperatures 45°C and below room side and plenum side.

ORDER INFORMATION

EXAMPLE:VS14-DH40

Product category	Size	Dimming	Fixture wattage	CCT
VS	14=1'X4'	D=0-10v Dimming	M=40W H=50W	40=4000k 50=5000k

1'X4' LINEAR PANEL



Recommend Dimmer:

Leviton cat,Nos:
AWRMG-7XX
AWSMG-7XX
AWSMT-7XX
IP710-LFZ/DLX
[Http://www.leviton.com](http://www.leviton.com)

Lutron cat,Nos:
DIVA-DVTV
NOVA-NVTV
NOVAT-NTFTV W/PP20
[Http://www.lutron.com/en-US](http://www.lutron.com/en-US)

PERFORMANCE SUMMARY

Efficacy: 87LPW

Delivered Light Output: 4377Lumens

Input Power:50Watts

CRI: Ra>80

DLC CCT Options: 4000K 5000K

Input Voltage: 100-277 VAC

Input current: 0.42-0.2A

THD:<18%(at 277V)

Standard Warranty: 5 Years

Mounting: Recessed

0-10v dimming

Dimensions: L 47.7" x W11.7" x H 2.13"

Weight: 4.4KG/9.7lbs

Fixture measurement and weight are round up, pls contact your OKT representative for exact data.

REGULATORY & VOLUNTARY QUALIFICATIONS

cULus List	E360437
DLC List	Yes
LM79 Report	Yes
Suitable for Damp Locations	Yes

ZONAL FLUX DIAGRAM

Y	C0	C45	C90	C135	C180	C225	C270	C315
10	1527	1538	1543	1528	1519	1513	1514	1518
20	1457	1485	1501	1453	1442	1437	1445	1443
30	1334	1382	1417	1318	1312	1319	1343	1315
40	1158	1230	1261	1130	1136	1160	1210	1134
50	939.8	1026	1015	906.3	917.9	964.2	1018	911.7
60	689.7	761.0	736.6	658.3	670.3	732.6	747.1	665.0
70	420.3	461.5	444.6	396.6	405.7	460.1	454.8	405.0
80	156.0	169.4	161.4	143.7	148.0	173.6	170.8	151.7
90	0.1137	0.0635	0.1486	0.1293	0.0985	0.1122	0.8126	0.7076

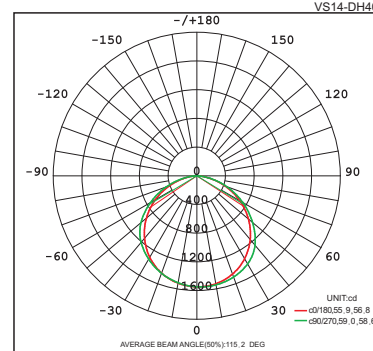
COEFFICIENTS OF UTILIZATION

ppc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						CU									
0	119	119	119	116	116	116	111	111	111	106	106	106	102	102	102	100
100	104	100	96	102	98	94	98	94	91	94	91	89	90	88	86	84
200	91	84	78	89	82	77	85	80	75	82	77	74	79	75	72	70
300	79	71	65	78	70	64	75	68	63	72	67	62	70	65	61	59
400	70	61	55	69	61	54	66	59	54	64	58	53	62	57	52	50
500	63	54	47	62	53	47	59	52	46	57	51	46	56	50	45	43
600	56	47	41	55	47	41	54	46	40	52	45	40	50	44	40	38
700	51	42	36	50	42	36	49	41	36	47	40	35	46	40	35	33
800	47	38	32	46	38	32	45	37	32	43	37	32	42	36	31	29
900	43	34	29	43	34	29	41	34	29	40	33	28	39	33	28	26
1000	39	31	26	39	31	26	38	31	26	37	30	26	36	30	26	24

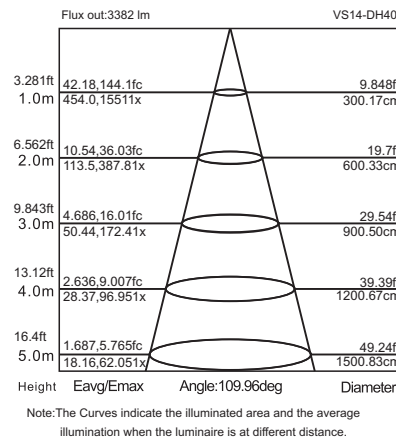
PHOTOMETRY

Fixture photometry has been conducted accredited testing laboratory in accordance with IESNA LM-79-08. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%.Result may vary per actual order.

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE ILLUMINANCE CURVE



ZONAL LUMEN SUMMARY

T	Φ zone	Φ total	lum, lamp
0-10	146.6	146.6	3.23,3.23
10-20	423.0	569.6	12.6,12.6
20-30	649.0	1219	26.9,26.9
30-40	793.0	2012	44.3,44.3
40-50	830.1	2842	62.6,62.6
50-60	749.8	3592	79.2,79.2
60-70	564.9	4156	91.6,91.6
70-80	308.5	4465	98.4,98.4
80-90	66.73	4532	99.9,99.9

PERFORMANCE SUMMARY

Efficacy: 87LPW

Delivered Light Output: 3480Lumens

Input Power:40Watts

CRI: Ra>80

CCT Options:3000K 4000K 5000K

Input Voltage: 100-277 VAC

Input current: 0.33-0.14A

THD:<18%

Standard Warranty: 5 Years

Mounting: Recessed

0-10v dimming, 10%-100% smooth linear dimming

Dimensions: L 47.7" x W11.7" x H 2.13"

Weight: 4.4KG/9.7lbs

Fixture measurement and weight are round up, pls contact your OKT representative for exact data.

REGULATORY & VOLUNTARY QUALIFICATIONS

cULus List

E360437

LM79 Report

Yes

Suitable for Damp Locations

Yes