

Project:									
Location:									
Model#: HBX10040KPM-UNV	Туре:								
Client:	Qty:								
Prepared by:	Date:								

SERIES SPECIFICATIONS

To supply Tamlite HBX series of LED fixtures as specified. The luminaire shall operate at 120-277Vac. The housing shall be constructed of powder-coated steel with a heat and impact resistant polycarbonate lens. All parts shall be corrosion resistant. The fixture shall be cULus Listed. The fixture shall be DLC Approved







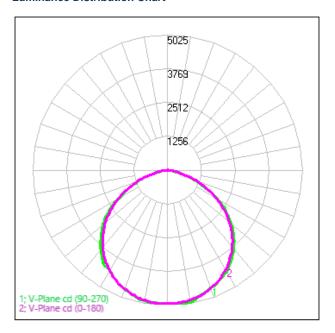




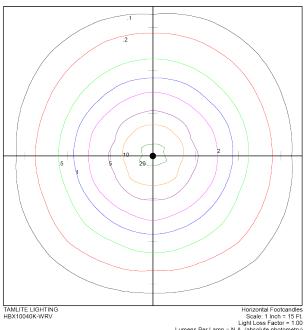


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Isolux Diagram



Honzontal Footcandles
Scale: 1 Inch = 15 FL
Light Loss Factor = 1.00
Lumens Per Lamp = NA (absolute photomers)
Luminaire Lumens = 145.33
Mounting Height = 15.00
Maximum Calculated Value = 23.93 Fc
Arrangement: Single



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Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens
0-10	474.44	30-40	2569.88	60-70	1574.83	90-100	1.26	120-130	6.47	150-160	4.85
10-20	1373.77	40-50	2674.61	70-80	655.75	100-110	3.17	130-140	7.48	160-170	3.12
20-30	2102.36	50-60	2348.68	80-90	62.08	110-120	5.14	140-150	6.57	170-180	1.17

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	0
RF	RF 20			20			20			20			20			20		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	88	85
2	100	92	86	80	97	90	84	79	87	82	78	84	79	76	81	77	74	72
3	91	81	73	67	89	80	72	67	77	71	65	74	69	64	71	67	63	61
4	84	72	64	57	81	71	63	57	68	61	56	66	60	55	64	59	54	52
5	77	64	56	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45
6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	42	40
7	66	53	44	38	64	52	44	38	50	43	37	49	42	37	47	41	37	35
8	61	48	40	34	60	47	39	34	46	39	33	45	38	33	43	37	33	31
9	57	44	36	30	56	43	36	30	42	35	30	41	35	30	40	34	30	28
10	54	41	33	28	52	40	33	27	39	32	27	38	32	27	37	31	27	25

Initial Lumen Output: 13777lm Beam Angle: 120 deg

Spacing Criteria: 1.32 (0-180), 1.30(90-

270)

Ambient Operating Temp: -20C to +40C

CCN Number: IFAM7.E359675

Efficacy: 132.22lm/W Field Angle: 170 deg

Environmental Rating(s): IP20

Certification Standards: UL Safety US-

CA , DLC_5.0

Limited Product Warranty: 5 Year(s)

CBCP: 5024cd

Luminaire Type: Direct

UL Classification: Damp Location Listed

DLC Number: PL3DIFVVTDOM



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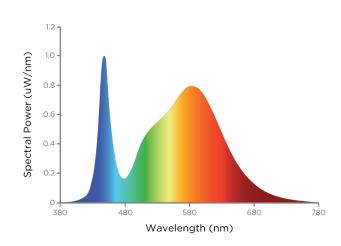
LED SPECIFICATIONS

R Tables

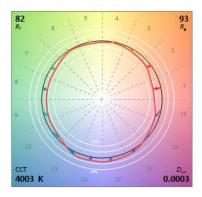
R1	80
R2	91
R3	95
R4	79
R5	80
R6	86
R7	84
R8	61

R9	2
R10	77
R11	77
R12	60
R13	83
R14	98
R15	74

SPD



TM-30



Source Type: LED

Rf: 82

Colour Temperature: 4000K

Duv: 0.0004

Part Number: Array Type

Rg: 93

Chromaticity: x=0.3805 y=0.3776

CRI: >80

L90: 50,000 Hrs.

Colour Tolerance: 5 SDCM



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ELECTRICAL SPECIFICATIONS

Driver Manufacturer: ARC Smart

Electronic Co., Ltd.

Input Frequency: 50-60Hz Current Draw at 277Vac: 0.3755 THD at 120Vac(%): <20%

Surge Suppression: Line to line 2kV, line

to ground 4kV, IEC 61000-4-5 **Over Temperature Protection:** Auto recovery. The output recovers when the

temperature returns to normal.

Driver Part Number: ARC-DI-50I1000-

MUV-D1R

Fixture Draw: 104.3W Inrush Current: 0.25A2S Driver MTBF: 320,000hrs

Dimming: 1-10Vdc, (10% Min Light Level) **Short Circuit Protection:** Auto recovery.

The output recovers when short is removed.

Input Voltage: 120~277Vac

Current Draw at 120Vac: 0.8667

Power Factor at 120Vac: >.90

Max Operating Case Temperature: 90C Dimming Current mA: .5mA draw Driver Certifications: c-RU-us Class 2,

FCC Part 15 Class B, RoHS

PHYSICAL SPECIFICATIONS

Finish Colour: White

Mounting: Pendent Mounted, Kit Sold

Separately

Lens Type: Frosted

Finish Type: Painted Steel Housing Material: Steel

Reflector Material: Steel with UV Painting

Wiring: Rear Access Plate
Lens Material: Polycarbonate
Entries: Rear and end entries

SHIPPING INFORMATION

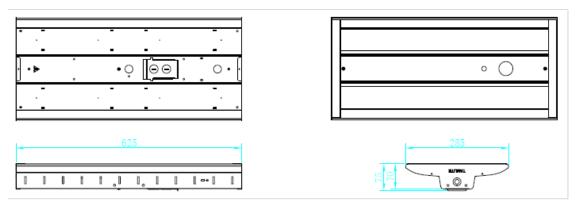
OrderingCode(s): HBX10050K-UNV, HBX-PM

Box Weight: 5.5 kg **Box Quantity:** 1 **Box Dimensions (L-W-H):** 655 x 295 x 85

mm

LINE DRAWING

Line Drawings





Project: Location:										
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SERIES ARCHITECTURE

Series Architecture

HBX -												
Part	W	attage		ССТ		Mounting		Voltage		inish	Accessories	
HBX	50	50W	30K	3000K	[Blank]	Suspended	UNV	120-277 VAC	WH	White	0	Occupancy Sensor
	100	100W	40K	4000K	SM	Surface Mount	347	347 VAC			WG	Wire Guard
	150	150W	50K	5000K	PM	Pendant Mount	WRV	120-347 VAC			SM	Surface Mount Kit
	200	200W									PM	Pendant Mount Kit
											C10	10 ft Cabtire Set
											OC-REM	PIR Programer

Optional Extras: EM-HBOS, HBX-OC, HBX100-WG, HBX-C10, HBX100-SLQ