PROJECT:	
TYPE:	
011441TITY	



## PN: HAI

APPLICATION	PENDANT MOUNT     INDOOR OR OUTDOOR RATED
DIMENSION	• 9", 10", 12", 15", 18", 20" (23CM, 25CM, 31CM, 38CM, 45CM, 51CM)
ILLUMINATION	<ul><li>DIRECT</li><li>LED 90CRI</li><li>1,083 - 2,894 LUMENS</li></ul>
ELECTRICAL	<ul><li>120V, 277V, AND 347V</li><li>10kA SURGE SUPRESSION STANDARD</li></ul>
DIFFUSERS	CLEAR OR FROSTED, TEMPERED GLASS GLOBE
MOUNTING	<ul> <li>120" (305CM) BLACK OR WHITE DROP CORD W/ AIRCRAFT CABLE (OPTIONAL)</li> <li>1" TO 60" (2.5CM TO 152CM) STEM MOUNT</li> </ul>
CONSTRUCTION	ALUMINUM, SOLID COPPER, OR STEEL
FINISHES	<ul> <li>AVAILABLE IN SEVERAL TMS SPECIALTY, AND POWDER COATED FINISHES</li> <li>CUSTOM RAL FINISHES AVAILABLE</li> </ul>
DIMMING	0 - 10V STANDARD DIMMING
WEIGHT	• 6.25 LBS MAXIMUM







PROJECT: \_

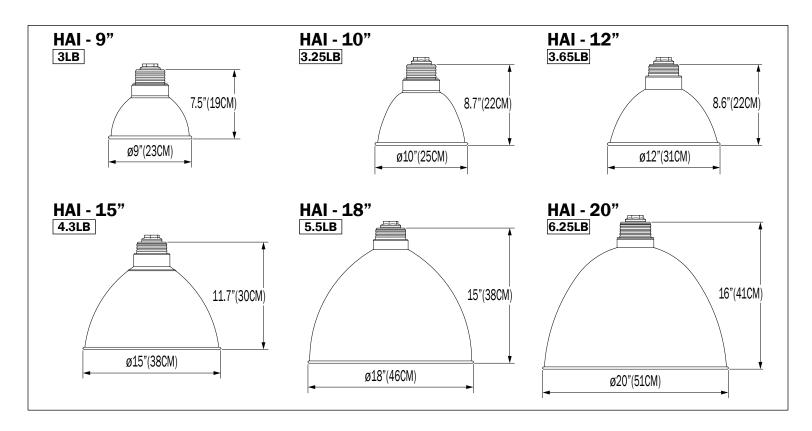
	1	4	1					TYPE QUAI	E: _ NTITY: _					
HAI -	1	2	3	4	– 5	6	<sup>-</sup> 7	8	9	10	11	12	13	
1.				ı						(	)			
APPLICATION			IND	OOR						OUTE	OOR			
2.	<b>9</b> ¹		1	<b>0</b> <sup>2</sup>		<b>12</b> <sup>3</sup>		<b>15</b> <sup>3</sup>			<b>3</b> <sup>4</sup>	<b>20</b> <sup>4</sup>		
DIAMETER	9"DIA. (230	CM)	10"DIA.	(25CM)	12"D	15'	15"DIA. (38CM)			(46CM)	20"DIA. (51CM)			
3.	100IN		200	DIN	1	.5LED		16LED <sup>5</sup>			.ED		32LED	
ILLUMINATION	MED BAS (MAX 100W	<b>I</b>	MED (MAX 10	BASE OW INC)	15W LED		PAR 1400 LI	16W LED  PAR38 E26 MED. BASE, 40° 1400 LUMENS (27/30/35/40/50K) REFER TO PAGE 7		19W LED		32W LED		
4.	CRD	CO	1	C06	C12		C18	18 C24		C36	C36 C		<b>C</b> 60	
MOUNTING	120"(305CM) DROP CORD	1"(2.5 STEM M		6"(15CM) EM MOUNT	12"(31 STEM M		(46CM) 1 MOUNT			36"(91CM STEM MOU			60"(152CM) STEM MOUNT	
5.	NONE					BC				wc				
CORD						BLACK D				WHITE DROP CORD				
6.					30К 35			35K	40K					
LED CCT		NONE			3000				3500			4000		
7		12	0				277				3	47		
VOLTAGE		120	)V				277V	'7V			347V			
8.	ADDITIONAL AND PREMIUM			HES	F04	F05	F1	.5	F16	FC	)9	F31	F18	
_		AVAILABLE. SEE FINISHES CHART		RT I	MATTE WHITE	GLOSS WHITE		MATTE GLOS BLACK BLACK				SILVER 1ETALLIC	SATIN ALUMINUM	
FINISH <sup>5</sup>	F06	F07		08	F10	F11	F1		F14	F2		F22	F25	
	CLAY BROWN	ZEUS BROWN		IIGHT UE	FIRE RED	CITRUS ORANGE			YELLO\			HARVEST MELTED PLATINUM		
9.				1	G2 G9			G11 G12						
GLOBE/ LENS <sup>6</sup>	NONE		CLEAR, EL GL	ONGATED OBE	FROSTED CLEAR, ELONGATED, GLOBE LARGE GLOBE					CLEAR, ELONGATED, CLEAR, ELONGATE, LARG GLOBE W/ CAST GUARD GLOBE W/ CAST GUARD				
10.										DII	ИL			
DIMMING			NC	NE					LED DIM	MING (0 - 10V	, CURRENT	- SINKING)		
11.				EM			ЕМС			EMR		Eľ	MCR	
EMERGENCY <sup>7</sup>	NON	IE .		INTEGRAL		INTEGRA	L COLD PA	CK		REMOTE		REMOTE	COLD PACK	
12.					BL				ACC					
MOUNTING <sup>8</sup> ACCESSORIES		NON	NE		CEILING SLOPE A FOR STEM MOUI							FT CABLE OP CORDS		
13.	_		W	10		W12		W15		W18			W20	
WIRE GUARD	NONE 10" (25CM) WIRED GUARD		25CM) GUARD	12' WIRE	12" (31CM) 15" (38CM) WIRED GUARD WIRED GUARD				18" (46CM) 20" (22CM) WIRED GUARD WIRED GUARD					

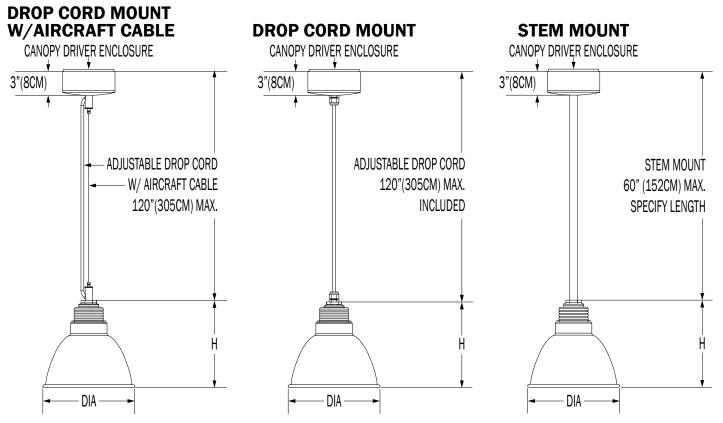
NOTE: SOME OPTIONS MAY NOT BE COMPATIBLE WITH OTHERS. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. CONTACT TMS LIGHTING FOR UPDATED SPECIFICATIONS.



I. SIZE 9" IS ONLY AVAILABLE FOR 100IN AND 15LED
2. SIZE 10" IS ONLY AVAILABLE FOR 100IN, 15LED, AND 17LED
3. SIZES 12" AND 15" ARE NOT AVAILABLE FOR 200IN AND 32LED
4. SIZES 18" AND 20" ARE NOT AVAILABLE FOR 15LED

<sup>5.</sup> A CLEAR COAT IS APPLIED TO COPPER. PATINA WILL FORM OVER TIME 6. GLOBES AND EMERGENCY ARE NOT AVAILABLE WITH THE 17W LED PAR 38 LAMPS 7. 10W AT 90 MINUTES. EMERGENCY OPTION IS ONLY AVAILABLE IN 120 - 277V SYSTEMS 8. MAY BE REQUIRED TO COMPLY WITH LOCAL SEISMIC/EARTHQUAKE CODE





#### **CUSTOM**

NOTE: THIS FIXTURE CAN BE CUSTOMIZE, DIBENSION, LAMP TYPES, ENCLOSURE, AND COLOR CAN BE MODIFIED TO SUIT YOUR LIGHTING AND ARCHITECTURAL REQUIREMENTS. CONTACT YOUR LOCAL REPRESENTATIVE FOR MODE DETAILS: https://doi.org/10.1009/s0168-0369915.html



## **DIRECT**

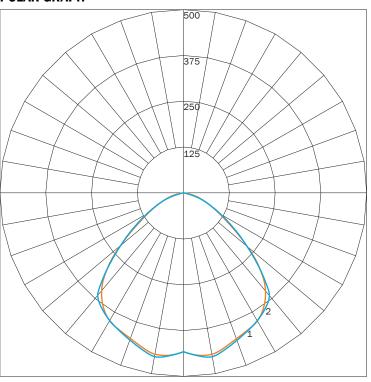
PN	SIZE (DIA)	ILLUMINATION	LUMENS	WATTAGE
	9	100INC	1093	100
	9	15LED	1102	15
	40	100INC	1166	100
	10	15LED	1103	15
		100INC	1217	100
	12	15LED	1096	15
		19LED	1878	19
HAI	15	100INC	1236	100
nai		15LED	1083	15
		19LED	1860	19
		200INC	2534	200
	18	19LED	1856	19
		32LED	2894	32
		200INC	2471	200
	20	19LED	1844	19
		32LED	2843	32

IES INDOOR REPORT PHOTOMETRIC FILENAME: HAI 9 100IN.IES

IES INDOOR REPORT

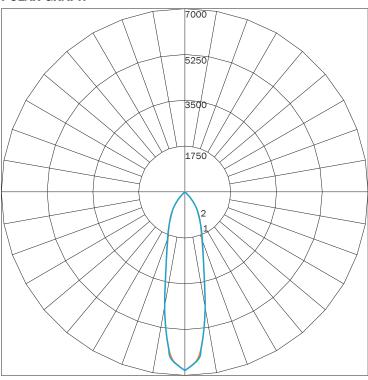
PHOTOMETRIC FILENAME: HAI 20 32LED.IES

#### **POLAR GRAPH**



MAXIMUM CANDELA = 467.71 LOCATED AT HORIZONTAL ANGLE = 22.5, VERTICAL ANGLE = 10 # 1 - VERTICAL PLANE THROUGH HORIZONTAL ANGLES (90 - 270) # 2 - VERTICAL PLANE THROUGH HORIZONTAL ANGLES (0 - 180)

### **POLAR GRAPH**



MAXIMUM CANDELA = 6818.64 LOCATED AT HORIZONTAL ANGLE = 0, VERTICAL ANGLE = 0 # 1 - VERTICAL PLANE THROUGH HORIZONTAL ANGLES (90 - 270) # 2 - VERTICAL PLANE THROUGH HORIZONTAL ANGLES (0 - 180)

LUMINAIRE LUMENS	1093	LUMINAIRE LUMENS	2843
TOTAL LUMINAIRE EFFICIENCY	64%	TOTAL LUMINAIRE EFFICIENCY	NA
LUMINAIRE EFFICACY RATING	11	LUMINAIRE EFFICACY RATING	78
TOTAL LUMINAIRE WATTS	100	TOTAL LUMINAIRE WATTS	36

### **FINISHES**



F04 MATTE WHITE



F05 GLOSS WHITE



F15 MATTE BLACK



F16 GLOSS BLACK



**F09** PEWTER



**F31** SILVER METALLIC



F18 SATIN ALUMINUM



F40 BUBBLE PINK



F10 FIRE RED



F41 ELECTRIC PURPLE



F08 MIDNIGHT BLUE



F39 AQUA BLUE



F13 FOREST GREEN



F38 MEADOW GREEN



F45 COPPER METALLIC



F06 CLAY BROWN



F11 CITRUS ORANGE







F22 HARVEST GOLD



F14 SUNSHINE YELLOW



F33 PYRITE BRONZE



F07 ZEUS BROWN



F32 BRONZE METALLIC



F26 MELTED COPPER



F21 ARCH BRONZE



F25 MELTED GOLD



F24 MELTED PLATINUM



RAL CUSTOM (RAL #)

### **PREMIUM FINISHES**



F44 FAUX COPPER



F43 FAUX GOLD



F42 FAUX CHROME

### PREMIUM MATERIALS



BR<sup>12</sup> BRUSHED ALUMINUM



SS<sup>12</sup> STAINLESS STEEL



CO<sup>12</sup> SOLID COPPER



**AN**<sup>12</sup> ANODIZED

1: FINISHES IS APPLIED TO THE INTERIOR AND EXTERIOR OF THE FIXTURE.

2: MATERIALS ARE CONSISTENT (INTERIOR & EXTERIOR). STEMS AND CANOPIES WILL BE F16 GLOSS BLACK.

NOTE: ALL FINISHES NOT MARKED WITH NOTATION (1) ARE APPLIED TO THE EXTERIOR ONLY. THE INTERIOR WILL BE F05 GLOSS WHITE.

MATTE FINISHES AVAILABLE. CONSULT FACTORY.

FINISHES ARE SUBJECT TO AVAILABLILITY AND MAY NOT BE APPLICABLE TO ALL FIXTURES OR FOR QUICKSHIP.

DISPLAYED FINISHES DIFFER BETWEEN SCREENS AS WELL AS PRINTERS AND MAY NOT ACCURATELY DEPICT COLOR.

# 16W LED PAR 38 MED BASE, 40° (SUPPLIED)

HD-PAR/I90/5CCT





### **FEATURES & BENEFITS**

5 FIELD SELECTABLE CCT'S (27/30/35/40/50K)

HIGH CRI (90+)

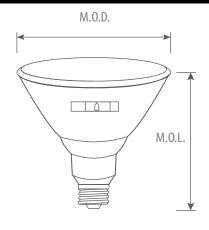
**GLASS LENS** 

25,000 HRS AVERAGE LIFE

**WET LOCATION RATED** 

**DIMMABLE** 

### **DIMENSIONAL DRAWING**



MODEL NUMBER	WATTAGE (W)	BASE	VOLTAGE (V)	HOUR RATING	BEAM ANGLE	INITIAL LUMENS(LM)	CCT(K)	CRI	ENCLOSED FIXTURE APPLICATION	WET LOCATION	M.O.D. (INCH)	M.O.L. (INCH)	CASE QTY.
16W LED	16	E26	120	25,000	40°	1400	27/30/35/40/50	90	NO	YES	4.8	5.31	20

