

# LED LAMP

## HD Series



### HD-PAR38, HD-PAR30LN, HD-PAR30



#### Features & Benefits

- Outstanding high lumen output, for premium and high ceiling applications
- May be used to replace high lumen PAR, including Ceramic Metal Halide (CMH)
- 3 different beam angles (PAR 38/26W) to meet all your lighting needs

- Excellent performance for task lighting
- 50,000 hour average life, Energy Star listed\*
- Energy saving up to 80% (compared with CMH)
- Enclosed fixture application and wet location approved\*
- High CRI (Up to 90+)

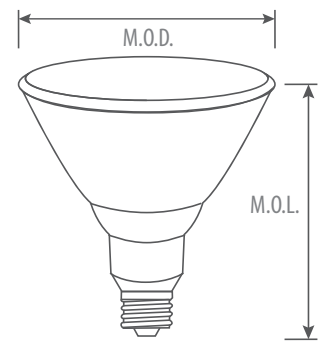
#### Warranty & Cautions

- 5-year (ES approved), 3-year (non ES) limited warranty
- Operating temperature range between -20°C and +40°C
- UL/cUL listed, FCC compliant, RoHS compliant

For replacement of CMH lamp types, you need to disconnect ballasts before installation

\* ES listing in process, expected date of Jan 2019. For applicable models, see product specification below.

#### Dimensional drawing

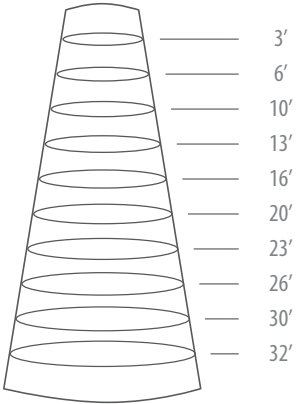


#### Product Specification

Ordering Code	ES*	Model Number	Watts	Replacement CMH	Base	Voltage (V)	Hour Rating	Beam Angle	Initial Lumens(lm)	CCT(K)	CRI	C.B.C.P. (cd)	EFA <sup>1</sup>	Wet LOC.*	Damp LOC.	M.O.D. (inch)	M.O.L. (inch)	Case QTY.
HD-PAR38 (non dimmable)																		
1785203	Y	HD-PAR38/38W/30/FL25	38	100W	E26	120	50,000	25°	4000	3000	80	17500	N	Y	Y	4.75	5.04	10
1785200	Y	HD-PAR38/38W/30/WFL40	38	100W	E26	120	50,000	40°	4000	3000	80	8000	N	Y	Y	4.75	5.04	10
1785400	Y	HD-PAR38/38W/40/WFL40	38	100W	E26	120	50,000	40°	4000	4000	80	8000	N	Y	Y	4.75	5.04	10
HD-PAR38 (dimmable)																		
1784201	Y	HD-PAR38/26W/30/SP15/D	26	70W	E26	120	50,000	15°	2400	3000	90	20000	Y	Y	Y	4.75	5.04	10
1784202	Y	HD-PAR38/26W/30/FL25/D	26	70W	E26	120	50,000	25°	2400	3000	90	11000	Y	Y	Y	4.75	5.04	10
1784203	Y	HD-PAR38/26W/30/WFL40/D	26	70W	E26	120	50,000	40°	2400	3000	90	4000	Y	Y	Y	4.75	5.04	10
1784405	Y	HD-PAR38/26W/40/SP15/D	26	70W	E26	120	50,000	15°	2400	4000	90	20000	Y	Y	Y	4.75	5.04	10
1784406	Y	HD-PAR38/26W/40/FL25/D	26	70W	E26	120	50,000	25°	2400	4000	90	11000	Y	Y	Y	4.75	5.04	10
1784407	Y	HD-PAR38/26W/40/WFL40/D	26	70W	E26	120	50,000	40°	2400	4000	90	4000	Y	Y	Y	4.75	5.04	10
HD-PAR30LN																		
1785201	Y	HD-PAR30LN/33W/30/FL25/D	33	70W	E26	120	50,000	25°	3000	3000	90	13000	N	N	Y	3.75	4.65	12
1785202	Y	HD-PAR30LN/33W/30/WFL40/D	33	70W	E26	120	50,000	40°	3000	3000	90	6500	N	N	Y	3.75	4.65	12
HD-PAR30																		
1782225	N	HD-PAR30/11W/30/FL25/D	11	39W	E26	120	40,000	25°	1100	3000	80	2910	Y	N	Y	3.75	3.58	30
1782226	N	HD-PAR30/11W/30/WFL40/D	11	39W	E26	120	40,000	40°	1100	3000	80	1315	Y	N	Y	3.75	3.58	30

<sup>1</sup> Enclosed Fixture Application

## Accent Lighting Performance



HD-PAR38/26W/30/WFL40/D

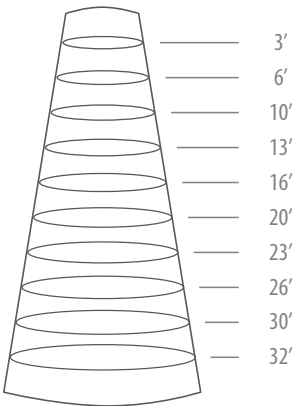
Distance	Footcandles	Diameter
3'	573.5	2.22'
6'	143.4	4.44'
10'	51.6	7.41'
13'	30.5	9.63'
16'	20.2	11.85'
20'	12.9	14.81'
23'	9.8	17.03'
26'	7.6	19.25'
30'	5.7	22.22'
32'	5	23.70'

HD-PAR38/26W/30/FL25/D

Distance	Footcandles	Diameter
3'	1322	1.11'
6'	330.5	2.22'
10'	119	3.70'
13'	70.4	4.81'
16'	46.5	5.92'
20'	29.8	7.41'
23'	22.5	8.52'
26'	17.6	9.63'
30'	13.2	11.11'
32'	11.6	11.85'

HD-PAR38/26W/30/SP15/D

Distance	Footcandles	Diameter
3'	1961	0.81'
6'	490.2	1.63'
10'	176.5	2.71'
13'	104.4	3.52'
16'	68.9	4.34'
20'	44.1	5.42'
23'	33.4	6.23'
26'	26.1	7.05'
30'	19.6	8.13'
32'	17.2	8.67'



HD-PAR38/38W/30/WFL40

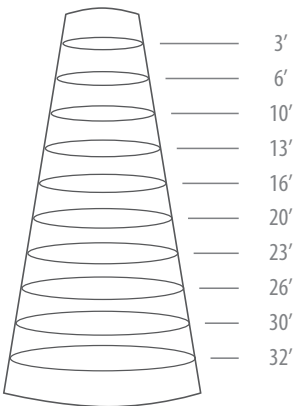
Distance	Footcandles	Diameter
3'	901.7	2.19'
6'	225.4	4.38'
10'	81.2	7.31'
13'	48	9.50'
16'	31.7	11.69'
20'	20.3	14.61'
23'	15.3	16.80'
26'	12	19.00'
30'	9	21.92'
32'	7.9	23.38'

HD-PAR38/38W/30/FL25

Distance	Footcandles	Diameter
3'	2264	1.04'
6'	566.1	2.07'
10'	203.8	3.45'
13'	120.6	4.49'
16'	79.6	5.52'
20'	50.9	6.91'
23'	38.5	7.94'
26'	30.2	8.97'
30'	22.6	10.35'
32'	19.9	11.04'

HD-PAR30LN/33W/30/WFL40/D

Distance	Footcandles	Diameter
3'	712.7	2.03'
6'	178.2	4.05'
10'	64.1	6.76'
13'	37.9	8.78'
16'	25.1	10.81'
20'	16	13.51'
23'	12.1	15.54'
26'	9.5	17.56'
30'	7.1	20.27'
32'	6.3	21.62'



HD-PAR30LN/33W/30/FL25/D

Distance	Footcandles	Diameter
3'	1186	1.22'
6'	296.6	2.43'
10'	106.8	4.06'
13'	63.2	5.27'
16'	41.7	6.49'
20'	26.7	8.11'
23'	20.2	9.33'
26'	15.8	10.54'
30'	11.9	12.17'
32'	10.4	12.98'

HD-PAR30/11W/30/WFL40/D

Distance	Footcandles	Diameter
3'	248	2.02'
6'	62	4.03'
10'	22.3	6.73'
13'	13.2	8.75'
16'	8.7	10.77'
20'	5.6	13.46'
23'	4.2	15.48'
26'	3.3	17.5'
30'	2.5	20.19'
32'	2.2	21.54'

HD-PAR30/11W/30/FL25/D

Distance	Footcandles	Diameter
3'	480.5	1.15'
6'	120.1	2.30'
10'	43.2	3.83'
13'	25.6	4.97'
16'	16.9	6.12'
20'	10.8	7.65'
23'	8.2	8.80'
26'	6.4	9.94'
30'	4.8	11.47'
32'	4.2	12.24'

## Ordering Information Example: HD-PAR38/26W/30/SP15/D

LED CLASS	LAMP TYPE	WATTAGE	CCT(K)	BEAM ANGLE	DIMMABLE
HD	PAR38	26W, 38W	30 (3000K) 40 (4000K)	SP15 (15°) FL25 (25°) WFL40 (40°)	D (dimmable) Blank (non dimmable)
	PAR30LN (Long Neck)	33W			
	PAR30	11W			