Uphoria™ 3 LED PAR (90+CRI)

LED PAR20, PAR30, PAR30LN & PAR38

High CRI | Dimmable | ENERGY STAR | c UL us LISTED | FC | RoHS 2002/95/EC

The USHIO Uphoria™ 3 LED PAR lamps combine the classic styling of traditional PAR lamps with the advanced technology of LEDs and custom designed optics. This provides a lightweight, energy saving, LED lamp with the form, fit and function of a traditional halogen PAR lamp.

The dimmable Uphoria 3 LED PAR lamps are designed to replicate the shape and light output of halogen PAR lamps, but offer serious energy-saving benefits. These LED PAR lamps utilize tightly-binned, high color rendering LEDs and an advanced optical design with multi-faceted reflectors for superior beam control and reduced glare.

Uphoria 3 LED PAR lamps have a special thermal design that maintains proper thermal management of the LEDs. This maintains a quality light output while ensuring long life.

Ushio America is proud to stand behind these ENERGY STAR® certified LED lamps with a 3-year limited warranty. All Uphoria 3 LED PAR lamps operate on 120V with Soft White (2700K) and Warm White (3000K) color temperatures and a very high color rendering (90+). They are available in Narrow Flood and Flood beam angles in PAR20, PAR30 (SN & LN) and PAR38 lamp types.

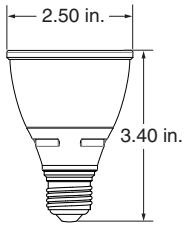
FEATURES & BENEFITS

- Very High Color Rendering (90+ CRI)
- Energy Saving
- Dimmable
- Direct Replacement for Halogen PAR Lamps
- Unique Optical Design for Improved Beam Photometry
- Damp Location Rated
- 25,000 Hours Rated Life
- Application Friendly: UV Free & IR Free
- Environmentally Friendly: Mercury Free, Lead Free and RoHS Compliant
- 3-Year Limited Warranty

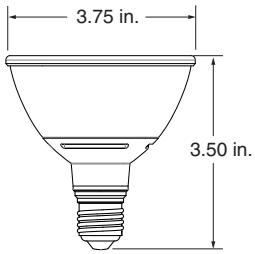
APPLICATIONS

- Recessed Lighting
- Track Lighting
- Display Lighting
- Accent Lighting
- Art Gallery & Museum Lighting
- Office Lighting
- Hospitality Lighting

SPECIFICATIONS



PAR20
E26 Base



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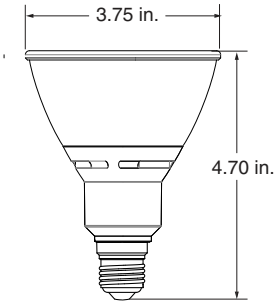
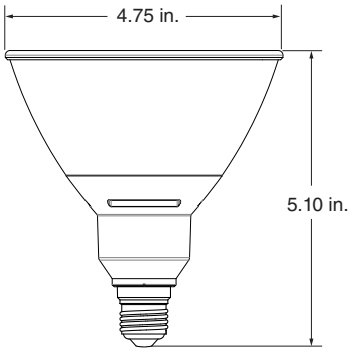
E26 Base



PAR30LN
E26 Base



PAR38
E26 Base

Watts (W)	Ordering Code	Lamp Description	Bulb Type	Volts (V)	Color Temp (K)	Beam Angle	Lumens* (lm)	CBCP* (cd)	CRI	Rated** Life (h)	Case Qty
7	1004075	★ LED PAR20, FL40, SW27	PAR20	120	2700	40º	460	593	90+	25,000	12
7	1004076	★ LED PAR20, FL40, WW30	PAR20	120	3000	40º	470	593	90+	25,000	12
7	1004077	★ LED PAR20, NFL25, SW27	PAR20	120	2700	25º	460	1179	90+	25,000	12
7	1004078	★ LED PAR20, NFL25, WW30	PAR20	120	3000	25º	470	1179	90+	25,000	12
11	1004079	★ LED PAR30, FL40, SW27	PAR30	120	2700	40º	750	1315	90+	25,000	6
11	1004080	★ LED PAR30, FL40, WW30	PAR30	120	3000	40º	800	1315	90+	25,000	6
11	1004081	★ LED PAR30, NFL25, WW30	PAR30	120	3000	25º	800	2910	90+	25,000	6
11	1004082	★ LED PAR30LN, FL40, SW27	PAR30LN	120	2700	40º	750	1315	90+	25,000	6
11	1004083	★ LED PAR30LN, FL40, WW30	PAR30LN	120	3000	40º	800	1315	90+	25,000	6
11	1004084	★ LED PAR30LN, NFL25, WW30	PAR30LN	120	3000	25º	800	2910	90+	25,000	6
15	1004085	★ LED PAR38, NFL25, SW27	PAR38	120	2700	25º	950	4241	90+	25,000	6
17	1004086	★ LED PAR38, FL40, SW27	PAR38	120	2700	40º	1150	2231	90+	25,000	6
17	1004087	★ LED PAR38, FL40, WW30	PAR38	120	3000	40º	1200	2231	90+	25,000	6
17	1004088	★ LED PAR38, NFL25, WW30	PAR38	120	3000	25º	1200	5382	90+	25,000	6

* Photometric data is based on LM-79 tests.
** Hours rated life based on 70% lumen maintenance. LM-80 data available.

★ **ENERGY STAR Certified**
Not compliant with California Title 20.

Electrical Specifications:
Driver: High Efficiency
Power Factor: > 0.90
Dimming: See www.ushio.com for dimmer compatibility options.

Photometrics 2700K

Item 1004075

ø(ft)	H(ft)	E(fc)
4.3	6.6	20.52
8.6	13.1	5.13
12.9	19.7	2.28
17.1	26.3	1.28
21.4	32.8	0.82

40º 7W
7W LED PAR20, FL40, SW27

Item 1004077

ø(ft)	H(ft)	E(fc)
1.54	3.3	127.9
3.08	6.6	31.96
4.62	9.8	14.21
6.16	13.1	7.99
7.70	16.4	5.11

25º 7W
7W LED PAR20, NFL25, SW27

Item 1004079

ø(ft)	H(ft)	E(fc)
2.2	3.3	133.1
4.4	6.6	33.29
6.6	9.8	14.79
8.8	13.1	8.32
11.1	16.4	5.33

40º 11W
11W LED PAR30, FL40, SW27

Item 1004082

ø(ft)	H(ft)	E(fc)
2.1	3.3	136.7
4.3	6.6	34.17
6.4	9.8	15.19
8.7	13.1	8.54
10.8	16.4	5.47

40º 11W
11W LED PAR30LN, FL40, SW27

Item 1004085

ø(ft)	H(ft)	E(fc)
2.8	6.6	108.8
5.6	13.1	27.20
8.4	19.8	12.09
11.2	26.3	6.80
14.0	32.8	4.35

25º 15W
15W LED PAR38, NFL25, SW27

Item 1004086

ø(ft)	H(ft)	E(fc)
2.1	3.3	225.8
4.2	6.6	56.44
6.3	9.8	25.08
8.5	13.1	14.11
10.6	16.4	9.03

40º 17W
17W LED PAR38, FL40, SW27

Photometrics 3000K

Item 1004076

ø(ft)	H(ft)	E(fc)
2.2	3.3	77.66
4.4	6.6	19.42
6.7	9.8	8.63
8.9	13.1	4.85
11.1	16.4	3.12

40º 7W
7W LED PAR20, FL40, WW30

Item 1004078

ø(ft)	H(ft)	E(fc)
1.6	3.3	133.1
3.1	6.6	33.27
4.7	9.8	14.79
6.2	13.1	8.32
7.8	16.4	5.32

25º 7W
7W LED PAR20, NFL25, WW30

Item 1004080

ø(ft)	H(ft)	E(fc)
2.2	3.3	139.5
4.3	6.6	34.88
6.5	9.8	15.50
8.7	13.1	8.72
10.8	16.4	5.58

40º 11W
11W LED PAR30, FL40, WW30

Item 1004081

ø(ft)	H(ft)	E(fc)
3.1	6.6	69.82
6.3	13.1	17.45
9.4	19.7	7.78
12.6	26.3	4.36
15.7	32.8	2.79

25º 11W
11W LED PAR30, NFL25, WW30

Item 1004083

ø(ft)	H(ft)	E(fc)
2.2	3.3	133.8
4.4	6.6	33.45
6.6	9.8	14.87
8.7	13.1	8.36
10.9	16.4	5.35

40º 11W
11W LED PAR30LN, FL40, WW30

Item 1004084

ø(ft)	H(ft)	E(fc)
3.2	6.6	67.62
6.4	13.1	16.91
9.6	19.7	7.51
12.9	26.3	4.23
16.1	32.8	2.71

25º 11W
11W LED PAR30LN, NFL25, WW30

Item 1004087

ø(ft)	H(ft)	E(fc)
2.3	3.3	227.7
4.5	6.6	56.92
6.8	9.8	25.30
9.0	13.1	14.23
11.3	16.4	9.12

40º 17W
17W LED PAR38, FL40, WW30

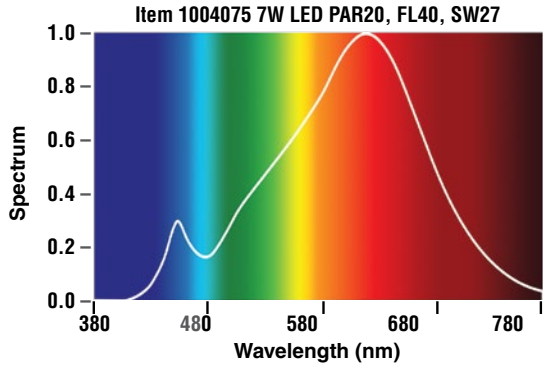
Item 1004088

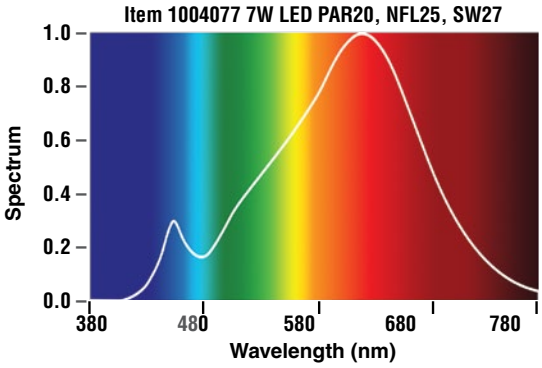
ø(ft)	H(ft)	E(fc)
3.0	6.6	103.9
6.0	13.1	25.96
8.9	19.7	11.54
11.9	26.3	6.49
14.9	32.8	4.15

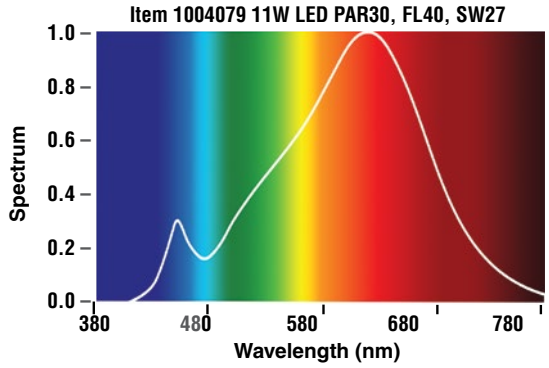
25º 17W
17W LED PAR38, NFL25, WW30

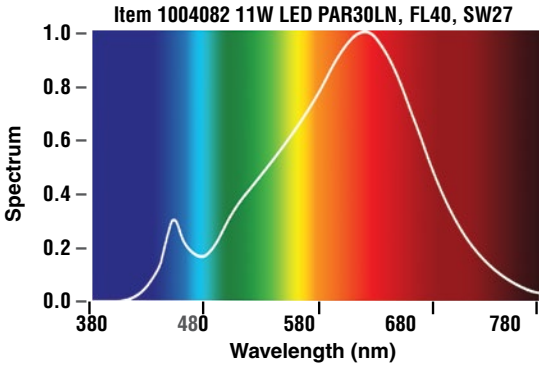
SPECIFICATIONS

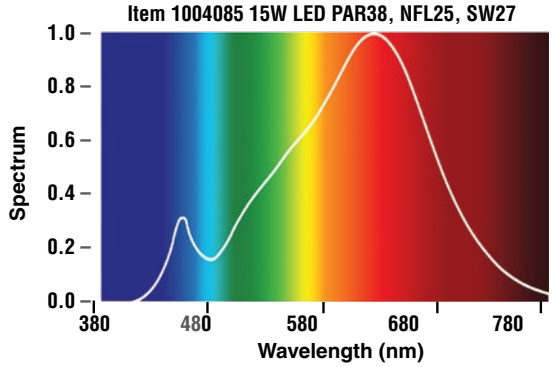
Spectral Distribution Charts 2700K

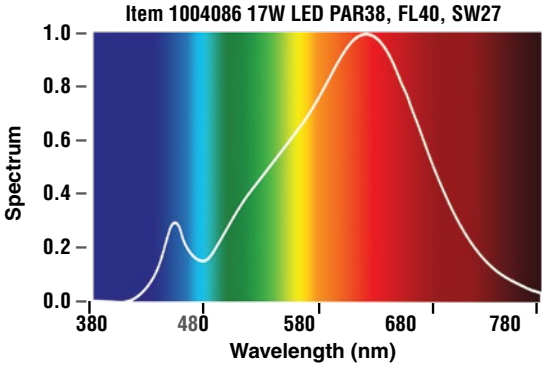




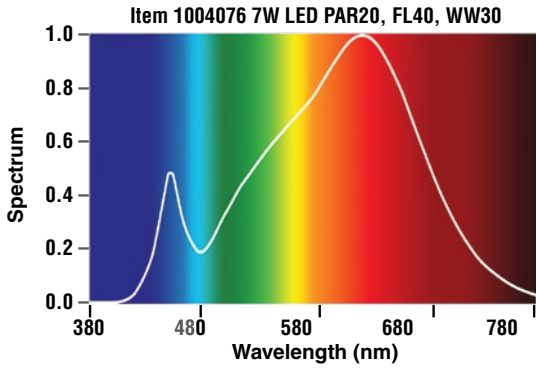


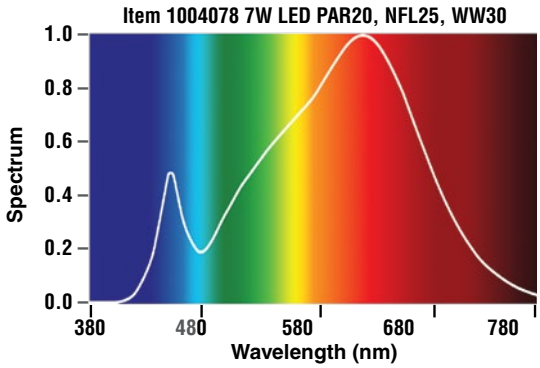


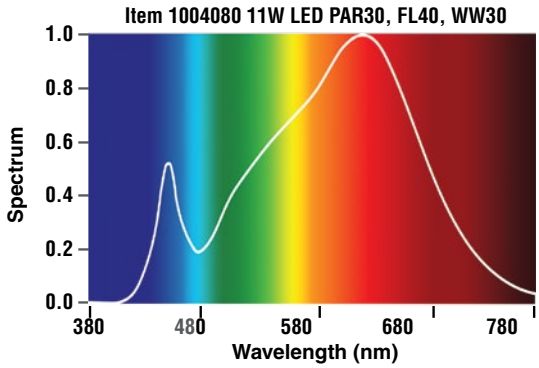


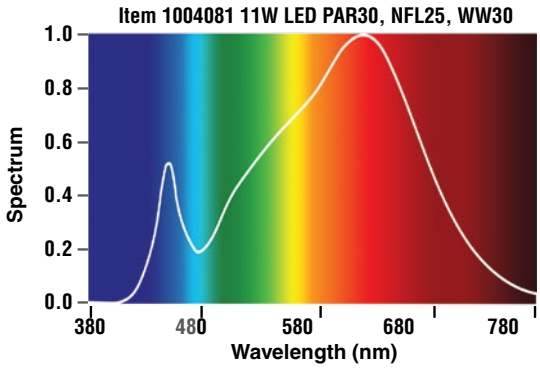


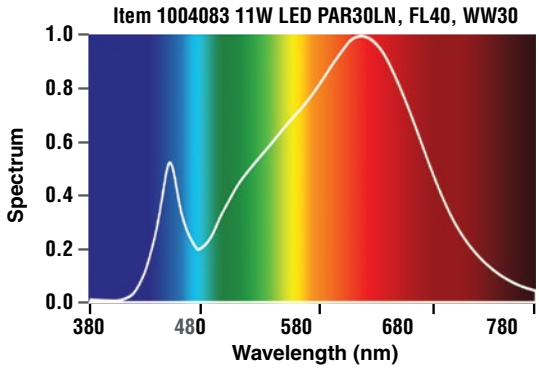
Spectral Distribution Charts 3000K

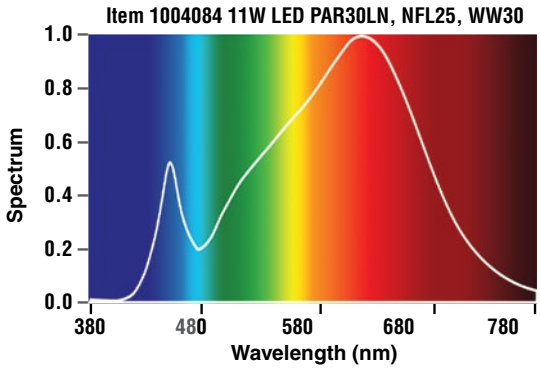


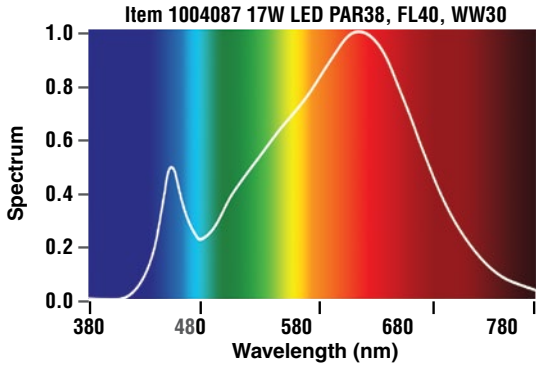


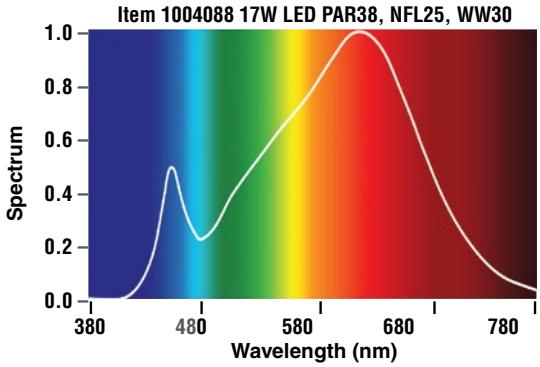












SPECIFICATIONS

Lighting Facts 2700K

Item 1004075
7W LED PAR20, FL40, SW27

Lighting Facts/
Faits d'éclairage
Per Bulb/Par l'ampoule

Brightness/Luminosité	**460 lumens**
Estimated Yearly Energy Cost/ Coût énergétique annual estimé Based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use. /Basé sur 3 heures/jour, 11¢/kWh. Les coûts dépendent du tariff et de la fréquence d'utilisation.	**$0.84**
Life/Vie Based on 3 hrs/day. /Basé sur 3 heures/jour.	**22 years/ans**
Light Appearance/Apparence de l'éclairage Warm/Chaud – Cool/Froid; 2700K	
Energy Used/Énergie utilisée	**7 watts**

Item 1004077
7W LED PAR20, NFL25, SW27

Lighting Facts/
Faits d'éclairage
Per Bulb/Par l'ampoule

Brightness/Luminosité	**460 lumens**
Estimated Yearly Energy Cost/ Coût énergétique annual estimé Based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use. /Basé sur 3 heures/jour, 11¢/kWh. Les coûts dépendent du tariff et de la fréquence d'utilisation.	**$0.84**
Life/Vie Based on 3 hrs/day. /Basé sur 3 heures/jour.	**22 years/ans**
Light Appearance/Apparence de l'éclairage Warm/Chaud – Cool/Froid; 2700K	
Energy Used/Énergie utilisée	**7 watts**

Item 1004079
11W LED PAR30, FL40, SW27

Lighting Facts/
Faits d'éclairage
Per Bulb/Par l'ampoule

Brightness/Luminosité	**750 lumens**
Estimated Yearly Energy Cost/ Coût énergétique annual estimé Based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use. /Basé sur 3 heures/jour, 11¢/kWh. Les coûts dépendent du tariff et de la fréquence d'utilisation.	**$1.32**
Life/Vie Based on 3 hrs/day. /Basé sur 3 heures/jour.	**22 years/ans**
Light Appearance/Apparence de l'éclairage Warm/Chaud – Cool/Froid; 2700K	
Energy Used/Énergie utilisée	**11 watts**

Item 1004082
11W LED PAR30LN, FL40, SW27

Lighting Facts/
Faits d'éclairage
Per Bulb/Par l'ampoule

Brightness/Luminosité	**750 lumens**
Estimated Yearly Energy Cost/ Coût énergétique annual estimé Based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use. /Basé sur 3 heures/jour, 11¢/kWh. Les coûts dépendent du tariff et de la fréquence d'utilisation.	**$1.32**
Life/Vie Based on 3 hrs/day. /Basé sur 3 heures/jour.	**22 years/ans**
Light Appearance/Apparence de l'éclairage Warm/Chaud – Cool/Froid; 2700K	
Energy Used/Énergie utilisée	**11 watts**

Item 1004085
15W LED PAR38, NFL25, SW27

Lighting Facts/
Faits d'éclairage
Per Bulb/Par l'ampoule

Brightness/Luminosité	**950 lumens**
Estimated Yearly Energy Cost/ Coût énergétique annual estimé Based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use. /Basé sur 3 heures/jour, 11¢/kWh. Les coûts dépendent du tariff et de la fréquence d'utilisation.	**$1.81**
Life/Vie Based on 3 hrs/day. /Basé sur 3 heures/jour.	**22 years/ans**
Light Appearance/Apparence de l'éclairage Warm/Chaud – Cool/Froid; 2700K	
Energy Used/Énergie utilisée	**15 watts**

Item 1004086
17W LED PAR38, FL40, SW27

Lighting Facts/
Faits d'éclairage
Per Bulb/Par l'ampoule

Brightness/Luminosité	**1150 lumens**
Estimated Yearly Energy Cost/ Coût énergétique annual estimé Based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use. /Basé sur 3 heures/jour, 11¢/kWh. Les coûts dépendent du tariff et de la fréquence d'utilisation.	**$2.05**
Life/Vie Based on 3 hrs/day. /Basé sur 3 heures/jour.	**22 years/ans**
Light Appearance/Apparence de l'éclairage Warm/Chaud – Cool/Froid; 2700K	
Energy Used/Énergie utilisée	**17 watts**

Lighting Facts 3000K

Item 1004076
7W LED PAR20, FL40, WW30

Lighting Facts/
Faits d'éclairage
Per Bulb/Par l'ampoule

Brightness/Luminosité	**470 lumens**
Estimated Yearly Energy Cost/ Coût énergétique annual estimé Based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use. /Basé sur 3 heures/jour, 11¢/kWh. Les coûts dépendent du tariff et de la fréquence d'utilisation.	**$0.84**
Life/Vie Based on 3 hrs/day. /Basé sur 3 heures/jour.	**22 years/ans**
Light Appearance/Apparence de l'éclairage Warm/Chaud — Cool/Froid; 3000K	
Energy Used/Énergie utilisée	**7 watts**

Item 1004078
7W LED PAR20, NFL25, WW30

Lighting Facts/
Faits d'éclairage
Per Bulb/Par l'ampoule

Brightness/Luminosité	**470 lumens**
Estimated Yearly Energy Cost/ Coût énergétique annual estimé Based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use. /Basé sur 3 heures/jour, 11¢/kWh. Les coûts dépendent du tariff et de la fréquence d'utilisation.	**$0.84**
Life/Vie Based on 3 hrs/day. /Basé sur 3 heures/jour.	**22 years/ans**
Light Appearance/Apparence de l'éclairage Warm/Chaud — Cool/Froid; 3000K	
Energy Used/Énergie utilisée	**7 watts**

Item 1004080
11W LED PAR30, FL40, WW30

Lighting Facts/
Faits d'éclairage
Per Bulb/Par l'ampoule

Brightness/Luminosité	**800 lumens**
Estimated Yearly Energy Cost/ Coût énergétique annual estimé Based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use. /Basé sur 3 heures/jour, 11¢/kWh. Les coûts dépendent du tariff et de la fréquence d'utilisation.	**$1.32**
Life/Vie Based on 3 hrs/day. /Basé sur 3 heures/jour.	**22 years/ans**
Light Appearance/Apparence de l'éclairage Warm/Chaud — Cool/Froid; 3000K	
Energy Used/Énergie utilisée	**11 watts**

Item 1004081
11W LED PAR30, NFL25, WW30

Lighting Facts/
Faits d'éclairage
Per Bulb/Par l'ampoule

Brightness/Luminosité	**800 lumens**
Estimated Yearly Energy Cost/ Coût énergétique annual estimé Based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use. /Basé sur 3 heures/jour, 11¢/kWh. Les coûts dépendent du tariff et de la fréquence d'utilisation..	**$1.32**
Life/Vie Based on 3 hrs/day. /Basé sur 3 heures/jour.	**22 years/ans**
Light Appearance/Apparence de l'éclairage Warm/Chaud — Cool/Froid; 3000K	
Energy Used/Énergie utilisée	**11 watts**

Item 1004083
11W LED PAR30LN, FL40, WW30

Lighting Facts/
Faits d'éclairage
Per Bulb/Par l'ampoule

Brightness/Luminosité	**800 lumens**
Estimated Yearly Energy Cost/ Coût énergétique annual estimé Based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use. /Basé sur 3 heures/jour, 11¢/kWh. Les coûts dépendent du tariff et de la fréquence d'utilisation.	**$1.32**
Life/Vie Based on 3 hrs/day. /Basé sur 3 heures/jour.	**22 years/ans**
Light Appearance/Apparence de l'éclairage Warm/Chaud — Cool/Froid; 3000K	
Energy Used/Énergie utilisée	**11 watts**

Item 1004084
11W LED PAR30LN, NFL25, WW30

Lighting Facts/
Faits d'éclairage
Per Bulb/Par l'ampoule

Brightness/Luminosité	**800 lumens**
Estimated Yearly Energy Cost/ Coût énergétique annual estimé Based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use. /Basé sur 3 heures/jour, 11¢/kWh. Les coûts dépendent du tariff et de la fréquence d'utilisation.	**$1.32**
Life/Vie Based on 3 hrs/day. /Basé sur 3 heures/jour.	**22 years/ans**
Light Appearance/Apparence de l'éclairage Warm/Chaud — Cool/Froid; 3000K	
Energy Used/Énergie utilisée	**11 watts**

Item 1004087
17W LED PAR38, FL40, WW30

Lighting Facts/
Faits d'éclairage
Per Bulb/Par l'ampoule

Brightness/Luminosité	**1200 lumens**
Estimated Yearly Energy Cost/ Coût énergétique annual estimé Based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use. /Basé sur 3 heures/jour, 11¢/kWh. Les coûts dépendent du tariff et de la fréquence d'utilisation.	**$2.05**
Life/Vie Based on 3 hrs/day. /Basé sur 3 heures/jour.	**22 years/ans**
Light Appearance/Apparence de l'éclairage Warm/Chaud — Cool/Froid; 3000K	
Energy Used/Énergie utilisée	**17 watts**

Item 1004088
17W LED PAR38, NFL25, WW30

Lighting Facts/
Faits d'éclairage
Per Bulb/Par l'ampoule

Brightness/Luminosité	**1200 lumens**
Estimated Yearly Energy Cost/ Coût énergétique annual estimé Based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use. /Basé sur 3 heures/jour, 11¢/kWh. Les coûts dépendent du tariff et de la fréquence d'utilisation.	**$2.05**
Life/Vie Based on 3 hrs/day. /Basé sur 3 heures/jour.	**22 years/ans**
Light Appearance/Apparence de l'éclairage Warm/Chaud — Cool/Froid; 3000K	
Energy Used/Énergie utilisée	**17 watts**

SPECIFICATIONS

CAUTION:

The lamp may not be compatible with all dimmers. Check www.ushio.com to find up to date dimmer compatibility options. Use only 120V 60Hz circuits. Do not open. No user serviceable parts inside. Use is not recommended where exposed to weather, outdoor usage requires an enclosed fixture. The device is not intended for use with emergency exit fixtures, emergency exit lights, photo controls or electric timers. Fully enclosed or recessed fixtures must contain proper ventilation. Reliable operating temperature is -4°F to 113°F. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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5440 Cerritos Avenue, Cypress, CA 90630 | Toll-free: (800) 838.7446 | customerservice@ushio.com | www.ushio.com