

UPHORIA™ LED REFLECTOR

LED R20, R30 & R40 Lamps

Uphoria™ LED reflector lamps provide energy-saving, professional accent lighting with soft, glare-free illumination that's perfect for any surface.

These dimmable R20, R30 and R40 LED lamps are designed in the classic shape of incandescent reflector lamps, but offer modern quality solid state illumination. The Uphoria LED reflector lamps are direct replacements for standard incandescent lamps offering significant energy savings and with a 25,000 hour life rating, lasting 10 times more than the standard incandescent lamp life.

All Uphoria LED reflectors are 120V Warm White (2700K & 3000K), Wide Flood lamps. They are available in 8W R20, 9W & 11W R30, and 13W & 18W R40 types.

FEATURES & BENEFITS:

- Energy Saving
- Dimmable
- Wide, Soft Beam that Reduces Glare
- Direct Replacement for Incandescent R and BR Lamps
- Same Form Factor as Incandescent R Lamps
- Long Life: 25,000 Hours
- Aluminum Reflector for Better Reflectivity and Heat Dissipation
- Application Friendly: UV Free & IR Free
- Environmentally Friendly: Mercury Free, Lead Free & RoHS Compliant
- 3-Year Limited Warranty
- Damp Location Rated**

** May only be used in sheltered outdoor areas that are protected from direct contact with rain, snow, or excessive moisture.

Qualifications:



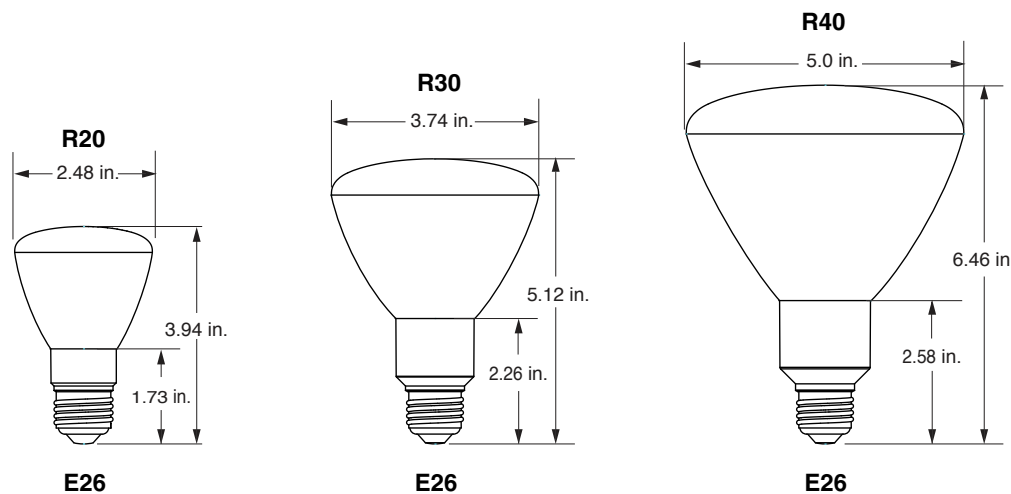
USHIO



APPLICATIONS:

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

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Watts (W)	Ordering Code	Lamp Description	Bulb Type	Volts (V)	Color Temp (K)	Beam Angle	Lumens* (lm)	Max CP* (cd)	CRI	Avg** Life (h)	Case Qty
8	1003854	★ 8W UPHORIA LED R20, WFL106, WW30	R20	120	3000	106°	540	145	82	25000	12
9	1003902	★ 9W UPHORIA LED R30, WFL108, WW27	R30	120	2700	108°	650	218	82	25000	12
11	1003855	★ 11W UPHORIA LED R30, WFL108, WW30	R30	120	3000	108°	750	250	82	25000	12
13	1003904	★ 13W UPHORIA LED R40, WFL105, WW27	R40	120	2700	105°	850	290	82	25000	12
13	1003857	★ 13W UPHORIA LED R40, WFL105, WW30	R40	120	3000	105°	880	300	82	25000	12
18	1003856	18W UPHORIA LED R40, WFL105, WW30	R40	120	3000	105°	1230	410	82	25000	12

* Photometric data is based on LM-79 tests.

★ ENERGY STAR Certified

** Average life based on 70% lumen maintenance. LM-80 data available.

Electrical Specifications:

Driver: High Efficiency

Power Factor: 8W-13W = 0.70 / 18W = 0.90

Dimming: See www.ushio.com for dimmer compatibility options.

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, 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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Photometrics

Item 1003854

ø(ft)	H(ft)	E(fc)
8.7	3.3	16.66
17.5	6.6	4.16
26.2	9.8	1.85
35.0	13.1	1.04
43.7	16.4	.666
106°		8W
8W LED R20, WFL106 WW30		

Item 1003902

ø(ft)	H(ft)	E(fc)
8.8	3.3	20.58
17.6	6.6	5.43
26.4	9.8	2.29
35.1	13.1	1.29
43.9	16.4	.826
108°		9W
9W LED R30, WFL108 WW27		

Item 1003855

ø(ft)	H(ft)	E(fc)
8.8	3.3	27.09
17.6	6.6	6.77
26.5	9.8	3.01
35.3	13.1	1.69
44.1	16.4	1.08
108°		11W
11W LED R30, WFL108 WW30		

Item 1003904

ø(ft)	H(ft)	E(fc)
8.6	3.3	29.68
17.2	6.6	7.42
25.8	9.8	3.30
34.5	13.1	1.90
43.1	16.4	1.19
105°		13W
13W LED R40, WFL105 WW27		

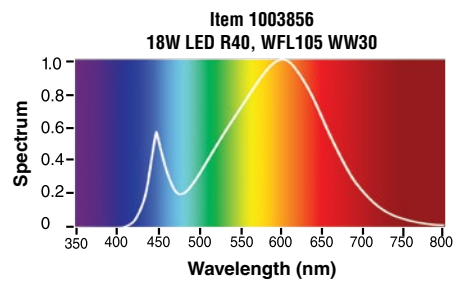
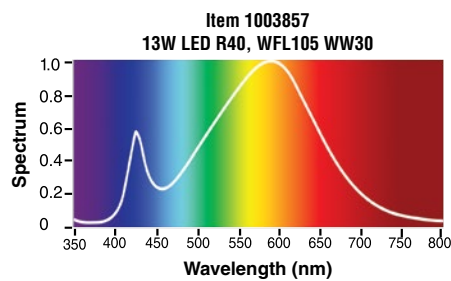
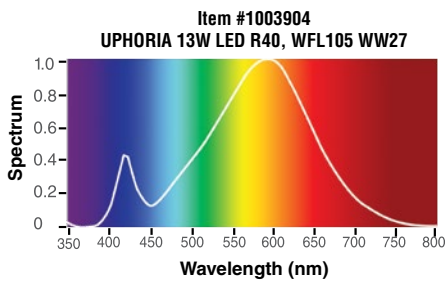
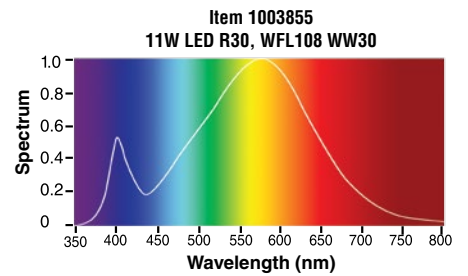
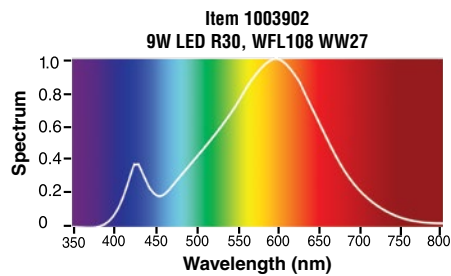
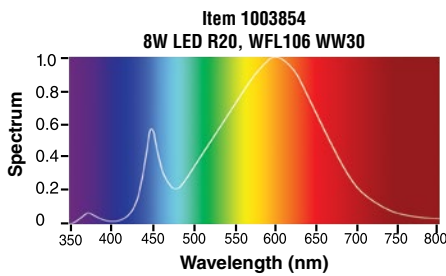
Item 1003857

ø(ft)	H(ft)	E(fc)
8.8	3.3	28.19
17.6	6.6	7.05
26.3	9.8	3.13
35.1	13.1	1.76
43.9	16.4	1.12
105°		13W
13W LED R40, WFL105 WW30		

Item 1003856

ø(ft)	H(ft)	E(fc)
8.6	3.3	41.04
17.3	6.6	10.26
26.0	9.8	4.56
34.6	13.1	2.57
43.3	16.4	1.64
105°		18W
18W LED R40, WFL105 WW30		

Spectral Distribution Charts



UPHORIA™ LED REFLECTOR

Lighting Facts

Item 1003854
8W LED R20, WFL106 WW30

Lighting Facts/ Faits d'éclairage	
Per Bulb/Par l'ampoule	
Brightness/Luminosité	540 lumens
Estimated Yearly Energy Cost/ Coût énergétique annuel estimé	\$0.96
Based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use. /Basé sur 3 heures/jour, 11¢/kWh. Les coûts dépendent du tarif et de la fréquence d'utilisation.	
Life/Vie	23 years/ans
Based on 3 hrs/day. /Basé sur 3 heures/jour.	
Light Appearance/Apparence de l'éclairage	
Warm/Chaud	Cool/Froid
3000K	
Energy Used/Énergie utilisée	8 watts

Item 1003902
9W LED R30, WFL108 WW27

Lighting Facts/ Faits d'éclairage	
Per Bulb/Par l'ampoule	
Brightness/Luminosité	650 lumens
Estimated Yearly Energy Cost/ Coût énergétique annuel estimé	\$1.08
Based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use. /Basé sur 3 heures/jour, 11¢/kWh. Les coûts dépendent du tarif et de la fréquence d'utilisation.	
Life/Vie	23 years/ans
Based on 3 hrs/day. /Basé sur 3 heures/jour.	
Light Appearance/Apparence de l'éclairage	
Warm/Chaud	Cool/Froid
2700K	
Energy Used/Énergie utilisée	9 watts

Item 1003855
11W LED R30, WFL108 WW30

Lighting Facts/ Faits d'éclairage	
Per Bulb/Par l'ampoule	
Brightness/Luminosité	750 lumens
Estimated Yearly Energy Cost/ Coût énergétique annuel estimé	\$1.32
Based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use. /Basé sur 3 heures/jour, 11¢/kWh. Les coûts dépendent du tarif et de la fréquence d'utilisation.	
Life/Vie	23 years/ans
Based on 3 hrs/day. /Basé sur 3 heures/jour.	
Light Appearance/Apparence de l'éclairage	
Warm/Chaud	Cool/Froid
3000K	
Energy Used/Énergie utilisée	11 watts

Item 1003904
13W LED R40, WFL105 WW27

Lighting Facts/ Faits d'éclairage	
Per Bulb/Par l'ampoule	
Brightness/Luminosité	850 lumens
Estimated Yearly Energy Cost/ Coût énergétique annuel estimé	\$1.57
Based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use. /Basé sur 3 heures/jour, 11¢/kWh. Les coûts dépendent du tarif et de la fréquence d'utilisation.	
Life/Vie	23 years/ans
Based on 3 hrs/day. /Basé sur 3 heures/jour.	
Light Appearance/Apparence de l'éclairage	
Warm/Chaud	Cool/Froid
2700K	
Energy Used/Énergie utilisée	13 watts

Item 1003857
13W LED R40, WFL105 WW30

Lighting Facts/ Faits d'éclairage	
Per Bulb/Par l'ampoule	
Brightness/Luminosité	880 lumens
Estimated Yearly Energy Cost/ Coût énergétique annuel estimé	\$1.57
Based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use. /Basé sur 3 heures/jour, 11¢/kWh. Les coûts dépendent du tarif et de la fréquence d'utilisation.	
Life/Vie	23 years/ans
Based on 3 hrs/day. /Basé sur 3 heures/jour.	
Light Appearance/Apparence de l'éclairage	
Warm/Chaud	Cool/Froid
3000K	
Energy Used/Énergie utilisée	13 watts

Item 1003856
18W LED R40, WFL105 WW30

Lighting Facts/ Faits d'éclairage	
Per Bulb/Par l'ampoule	
Brightness/Luminosité	1230 lumens
Estimated Yearly Energy Cost/ Coût énergétique annuel estimé	\$2.17
Based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use. /Basé sur 3 heures/jour, 11¢/kWh. Les coûts dépendent du tarif et de la fréquence d'utilisation.	
Life/Vie	23 years/ans
Based on 3 hrs/day. /Basé sur 3 heures/jour.	
Light Appearance/Apparence de l'éclairage	
Warm/Chaud	Cool/Froid
3000K	
Energy Used/Énergie utilisée	18 watts

