

Catalog Number
Notes
Type

FEATURES & SPECIFICATIONS

INTENDED USE — The 6" Wafer™ LED Downlight with Switchable White provides high-quality light output and efficiency featuring a switch for easy color temperature adjustment - while eliminating the need for recessed housings. The innovative, slim design allows for easy retrofit, remodel or new construction installation from below the ceiling. The LED module maintains at least 70% light output for 50,000 hours. The Wafer LED downlight is wet location listed – making it ideal for use in a breadth of outdoor residential, hospitality, commercial and multifamily applications.

CONSTRUCTION — Aluminum die cast outer frame. Durable, powder coat paint to prevent rust. FT4 plenum rated cable connector to connect from module to remote driver box. IC rated driver with convenience and value of two remote selectable color temperature options, each with a setting choice to chose either 2700K, 3000K, and 3500K or 3000K, 4000K, and 5000K using the switch. The isolated driver integrated inside steel remote box with four 7/8" knockouts with slots for pryout. Suitable for pulling wires with the 12 cubic-inch wiring compartment to accommodate up to (6) 14 gauge insulated conductors; making the Wafer LED Downlights much easier to wire in 2in/2out (plus ground) daisy-chain applications and contractor friendly.

PATENT PENDING.

INSTALLATION — Ideal for shallow ceiling plenum; no housing required. Steel spring clip for easy installation. 6" cut out template is provided to ensure a correct sized hole is cut into ceiling for proper installation of the trim. Size of hole should not exceed 6 1/4 inches for this product. Suitable for installation in t-grid and drop ceiling applications. 2" plenum space required for installation of the remote driver box.

OPTICS — Edge-lit LED technology uses light guided plate to distribute light. Polycarbonate lens provides even illumination throughout the space.

ELECTRICAL — Connect directly to 120V Class-2 (CAN ICES-005 (B) / NMB-005 (B)) LED driver. High efficient driver with power factor > 0.9. Ambient operating temperature: -40°F (-40°C) to +104°F (+40°C). Dimming down to 10% with most standard incandescent dimers (see list of approved dimmers). Replaces 75W incandescent for 850L and 100W incandescent for 1150 lumens.

LISTINGS — CSA certified to US and Canadian safety standards. ENERGY STAR® certified product. Wet location. Air Tight certified in accordance with ASTM E283-2004. NOM Certified. Can be used to comply with California Title 24 Part 6 High Efficacy LED light Source Requirements.

WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

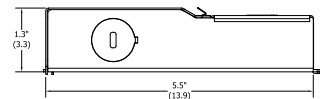
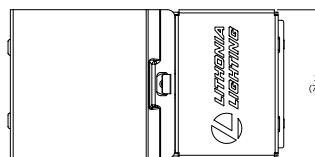
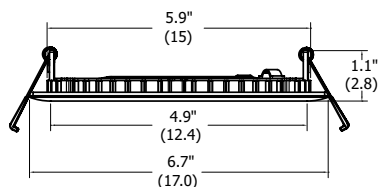
www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

Specifications	
Aperture:	4.9 (12.4)
Ceiling opening:	6 (15.2)
Overlap trim:	6.7 (17)
Height:	1.1 (2.8)



Wafer LED Recessed Downlight

WF6

6" LED Switchable White Color Temperature

IC/Non-IC
New Construction/Remodel

ORDERING INFORMATION For shortest lead times, configure product using **standard options (shown in bold)**.

Example: WF6 LED 30K40K50K 90CRI MW

WF6				
Series	Lamp	CCT/W/Lumens ¹	CRI	Finish
WF6 6" wafer-thin LED downlight	LL LED Low Lumen	27K30K35K 2700K/10W/830L	90CRI 90CRI	MW Matte White
		3000K/10W/900L		MB Matte Black
		3500K/10W/860L		BN Brush Nickel
		30K40K50K 3000K/10W/850L		ORB Oil Rubbed Bronze
	LED LED	4000K/10W/920L		
		5000K/10W/880L		
		27K30K35K 2700K/14W/1040L		
		3000K/14W/1150L		
		3500K/14W/1110L		
		30K40K50K 3000K/14W/1090L		
		4000K/14W/1190L		
		5000K/14W/1120L		

Notes

¹ Total system delivered lumens.

See Accessories next page.

WF6 Switchable White 6" LED Wafer Module

Accessories: Order as separate catalog number.

WF6 PAN R12	6" new construction pan, retail pack of 12
WF8643 Pan U	Universal new construction pan
WFJB U	Remodel joist bar
WFEXC6 SW3PIN FT4	3-Pin 6ft Cable
WFEXC10 SW3PIN FT4	3-Pin 10ft Cable
WFEXC20 SW3PIN FT4	3-Pin 20ft Cable
WF6GR MW JZ	6" round oversized trim ring



WF6 PAN R12 6" new construction pan, retail pack of 12



WF8643 Universal New Construction Pan



Remodel Joist Bar



WFEXC6 Cable

PHOTOMETRICS

Distribution Curve

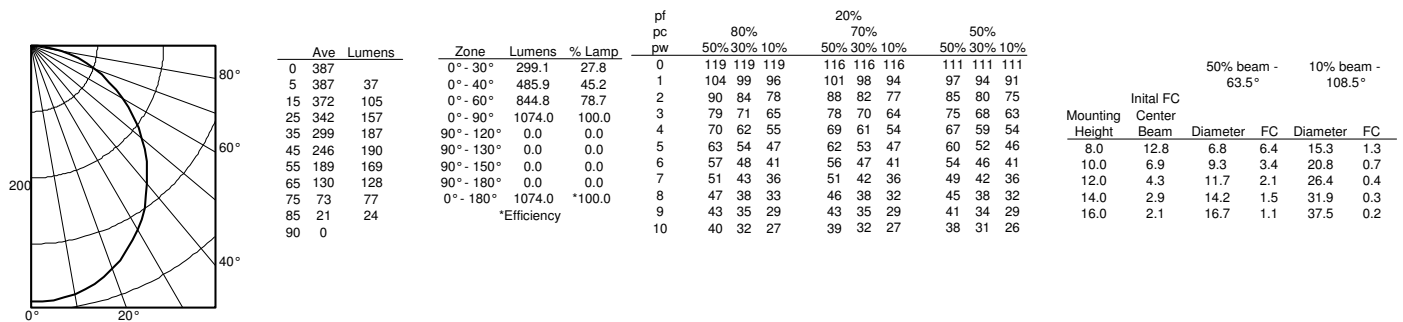
Distribution Data

Output Data

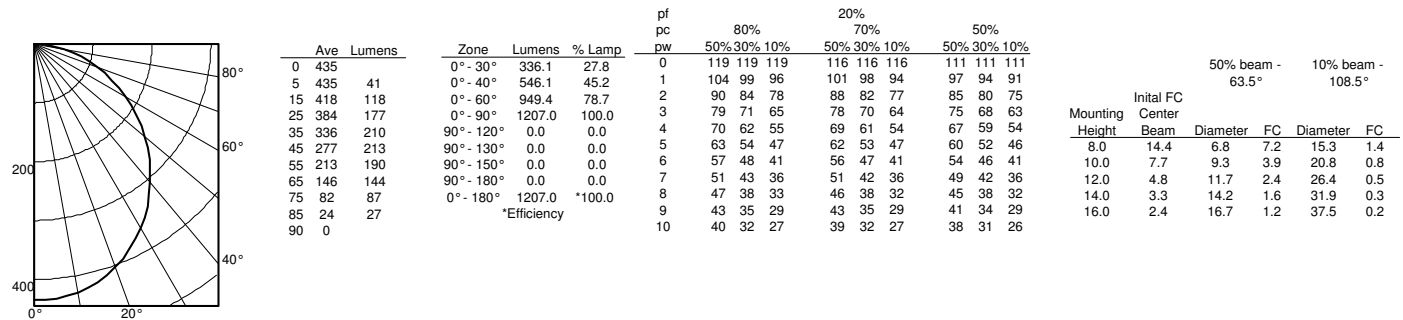
Coefficient of Utilization

Illuminance Data at 30" Above Floor for a Single Luminaire

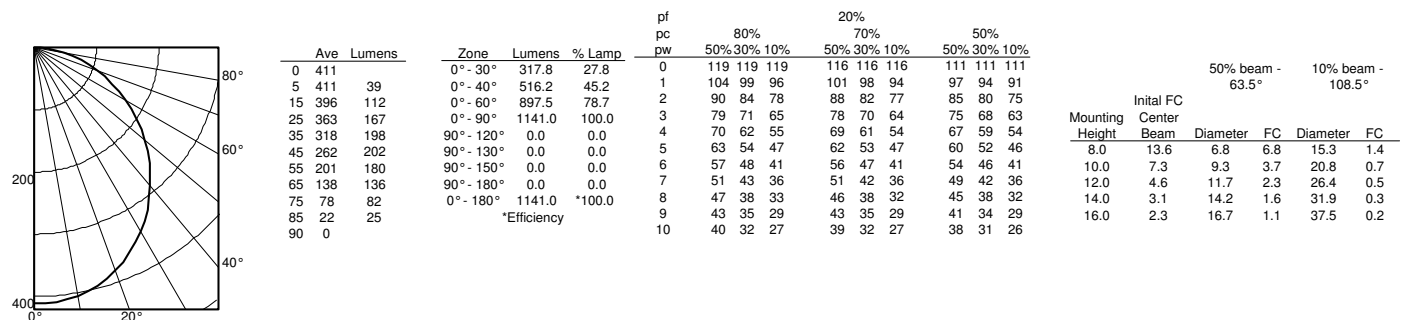
WF6 LED 27K30K35K, 2700K LEDs, input watts: 14, delivered lumens: 1074, LM/W=77, test no. ISF 36826P7



WF6 LED 27K30K35K, 3000K LEDs, input watts: 13, delivered lumens: 1207, LM/W=93, test no. ISF 36826P8



WF6 LED 27K30K35K, 3500K LEDs, input watts: 14, delivered lumens: 1141, LM/W=82, test no. ISF 36826P9



WF6 Switchable White 6" LED Wafer Module

PHOTOMETRICS

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire															
WF6 LED 30K40K50K, 3000K LEDs, input watts: 14, delivered lumens: 1099, LM/W=79, test no. ISF 36826P10																			
	Ave	Lumens	Zone	Lumens	% Lamp	pf	80%			20%			50%						
							pc	50%	30%	10%	50%	30%	10%	50%	30%	10%			
	0	396		0° - 30°	306.1	27.8	0	119	119	119	116	116	116	111	111	111			
	5	396	38	0° - 40°	497.2	45.2	1	104	99	96	101	98	94	97	94	91			
	15	381	107	0° - 60°	864.4	78.7	2	90	84	78	88	82	77	85	80	75			
	25	350	161	0° - 90°	1099.0	100.0	3	79	71	65	78	70	64	75	68	63			
	35	306	191	90° - 120°	0.0	0.0	4	70	62	55	69	61	54	67	59	54			
	45	252	194	90° - 130°	0.0	0.0	5	63	54	47	62	53	47	60	52	46			
	55	194	173	90° - 150°	0.0	0.0	6	57	48	41	56	47	41	54	46	41			
	65	133	131	90° - 180°	0.0	0.0	7	51	43	36	51	42	36	49	42	36			
	75	75	79	0° - 180°	1099.0	*100.0	8	47	38	33	46	38	32	45	38	32			
	85	21	24	*Efficiency			9	43	35	29	43	35	29	41	34	29			
	90	0					10	40	32	27	39	32	27	38	31	26			
											Initial FC		50% beam - 63.5°		10% beam - 108.5°				
Mounting Height		Center Beam		Diameter		FC		Diameter		FC									
8.0		13.1		6.8		6.5		15.3		1.3									
10.0		7.0		9.3		3.5		20.8		0.7									
12.0		4.4		11.7		2.2		26.4		0.4									
14.0		3.0		14.2		1.5		31.9		0.3									
16.0		2.2		16.7		1.1		37.5		0.2									

WF6 LED 30K40K50K, 4000K LEDs, input watts: 13, delivered lumens: 1199, LM/W=92, test no. ISF 36826P11

	<table><tr><th>Ave</th><th>Lumens</th></tr><tr><td>0</td><td>432</td></tr><tr><td>5</td><td>432</td></tr><tr><td>15</td><td>416</td></tr><tr><td>25</td><td>382</td></tr><tr><td>35</td><td>334</td></tr><tr><td>45</td><td>275</td></tr><tr><td>55</td><td>212</td></tr><tr><td>65</td><td>145</td></tr><tr><td>75</td><td>81</td></tr><tr><td>85</td><td>23</td></tr><tr><td>90</td><td>0</td></tr></table>		Ave	Lumens	0	432	5	432	15	416	25	382	35	334	45	275	55	212	65	145	75	81	85	23	90	0	<table><tr><th>Zone</th><th>Lumens</th><th>% Lamp</th></tr><tr><td>0° - 30°</td><td>333.9</td><td>27.8</td></tr><tr><td>0° - 40°</td><td>542.4</td><td>45.2</td></tr><tr><td>0° - 60°</td><td>943.1</td><td>78.7</td></tr><tr><td>0° - 90°</td><td>1199.0</td><td>100.0</td></tr><tr><td>90° - 120°</td><td>0.0</td><td>0.0</td></tr><tr><td>90° - 130°</td><td>0.0</td><td>0.0</td></tr><tr><td>90° - 150°</td><td>0.0</td><td>0.0</td></tr><tr><td>90° - 180°</td><td>0.0</td><td>0.0</td></tr><tr><td colspan="2">*Efficiency</td><td>*100.0</td></tr></table>		Zone	Lumens	% Lamp	0° - 30°	333.9	27.8	0° - 40°	542.4	45.2	0° - 60°	943.1	78.7	0° - 90°	1199.0	100.0	90° - 120°	0.0	0.0	90° - 130°	0.0	0.0	90° - 150°	0.0	0.0	90° - 180°	0.0	0.0	*Efficiency		*100.0	<table><tr><th colspan="2">pf</th><th colspan="3">80%</th><th colspan="3">20%</th><th colspan="3">50%</th></tr><tr><th>pc</th><th>pw</th><th>50%</th><th>30%</th><th>10%</th><th>50%</th><th>30%</th><th>10%</th><th>50%</th><th>30%</th><th>10%</th></tr><tr><td>0</td><td>119</td><td>119</td><td>119</td><td>119</td><td>116</td><td>116</td><td>116</td><td>111</td><td>111</td><td>111</td></tr><tr><td>1</td><td>104</td><td>99</td><td>96</td><td>96</td><td>101</td><td>98</td><td>94</td><td>97</td><td>94</td><td>91</td></tr><tr><td>2</td><td>90</td><td>84</td><td>78</td><td>78</td><td>88</td><td>82</td><td>77</td><td>85</td><td>80</td><td>75</td></tr><tr><td>3</td><td>79</td><td>71</td><td>65</td><td>65</td><td>78</td><td>70</td><td>64</td><td>75</td><td>68</td><td>63</td></tr><tr><td>4</td><td>70</td><td>62</td><td>55</td><td>55</td><td>69</td><td>61</td><td>54</td><td>67</td><td>59</td><td>54</td></tr><tr><td>5</td><td>63</td><td>54</td><td>47</td><td>47</td><td>62</td><td>53</td><td>47</td><td>60</td><td>52</td><td>46</td></tr><tr><td>6</td><td>57</td><td>48</td><td>41</td><td>41</td><td>56</td><td>47</td><td>41</td><td>54</td><td>46</td><td>41</td></tr><tr><td>7</td><td>51</td><td>43</td><td>36</td><td>36</td><td>51</td><td>42</td><td>36</td><td>49</td><td>42</td><td>36</td></tr><tr><td>8</td><td>47</td><td>38</td><td>33</td><td>33</td><td>46</td><td>38</td><td>32</td><td>45</td><td>38</td><td>32</td></tr><tr><td>9</td><td>43</td><td>35</td><td>29</td><td>29</td><td>43</td><td>35</td><td>29</td><td>41</td><td>34</td><td>29</td></tr><tr><td>10</td><td>40</td><td>32</td><td>27</td><td>27</td><td>39</td><td>32</td><td>27</td><td>38</td><td>31</td><td>26</td></tr></table>										pf		80%			20%			50%			pc	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	119	119	119	119	116	116	116	111	111	111	1	104	99	96	96	101	98	94	97	94	91	2	90	84	78	78	88	82	77	85	80	75	3	79	71	65	65	78	70	64	75	68	63	4	70	62	55	55	69	61	54	67	59	54	5	63	54	47	47	62	53	47	60	52	46	6	57	48	41	41	56	47	41	54	46	41	7	51	43	36	36	51	42	36	49	42	36	8	47	38	33	33	46	38	32	45	38	32	9	43	35	29	29	43	35	29	41	34	29	10	40	32	27	27	39	32	27	38	31	26	<table><tr><th colspan="2">Mounting Height</th><th colspan="2">Initial FC</th><th colspan="2">50% beam - 63.5°</th><th colspan="2">10% beam - 108.5°</th></tr><tr><th>Height</th><th>Center Beam</th><th>Diameter</th><th>FC</th><th>Diameter</th><th>FC</th><th>Diameter</th><th>FC</th></tr><tr><td>8.0</td><td>14.3</td><td>6.8</td><td>7.1</td><td>15.3</td><td>1.4</td><td></td><td></td></tr><tr><td>10.0</td><td>7.7</td><td>9.3</td><td>3.8</td><td>20.8</td><td>0.8</td><td></td><td></td></tr><tr><td>12.0</td><td>4.8</td><td>11.7</td><td>2.4</td><td>26.4</td><td>0.5</td><td></td><td></td></tr><tr><td>14.0</td><td>3.3</td><td>14.2</td><td>1.6</td><td>31.9</td><td>0.3</td><td></td><td></td></tr><tr><td>16.0</td><td>2.4</td><td>16.7</td><td>1.2</td><td>37.5</td><td>0.2</td><td></td><td></td></tr></table>				Mounting Height		Initial FC		50% beam - 63.5°		10% beam - 108.5°		Height	Center Beam	Diameter	FC	Diameter	FC	Diameter	FC	8.0	14.3	6.8	7.1	15.3	1.4			10.0	7.7	9.3	3.8	20.8	0.8			12.0	4.8	11.7	2.4	26.4	0.5			14.0	3.3	14.2	1.6	31.9	0.3			16.0	2.4	16.7	1.2	37.5	0.2		
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WF6 LED 30K40K50K, 5000K LEDs, input watts: 14, delivered lumens: 1127, LM/W=81, test no. ISF 36826P12

	<table><tr><th>Ave</th><th>Lumens</th></tr><tr><td>0</td><td>406</td></tr><tr><td>5</td><td>406</td></tr><tr><td>15</td><td>391</td></tr><tr><td>25</td><td>359</td></tr><tr><td>35</td><td>314</td></tr><tr><td>45</td><td>258</td></tr><tr><td>55</td><td>199</td></tr><tr><td>65</td><td>136</td></tr><tr><td>75</td><td>77</td></tr><tr><td>85</td><td>22</td></tr><tr><td>90</td><td>0</td></tr></table>	Ave	Lumens	0	406	5	406	15	391	25	359	35	314	45	258	55	199	65	136	75	77	85	22	90	0	<table><tr><th>Zone</th><th>Lumens</th><th>% Lamp</th></tr><tr><td>0° - 30°</td><td>313.9</td><td>27.8</td></tr><tr><td>0° - 40°</td><td>509.9</td><td>45.2</td></tr><tr><td>0° - 60°</td><td>886.5</td><td>78.7</td></tr><tr><td>0° - 90°</td><td>1127.0</td><td>100.0</td></tr><tr><td>90° - 120°</td><td>0.0</td><td>0.0</td></tr><tr><td>90° - 130°</td><td>0.0</td><td>0.0</td></tr><tr><td>90° - 150°</td><td>0.0</td><td>0.0</td></tr><tr><td>90° - 180°</td><td>0.0</td><td>0.0</td></tr><tr><td colspan="2">*Efficiency</td><td>*100.0</td></tr></table>	Zone	Lumens	% Lamp	0° - 30°	313.9	27.8	0° - 40°	509.9	45.2	0° - 60°	886.5	78.7	0° - 90°	1127.0	100.0	90° - 120°	0.0	0.0	90° - 130°	0.0	0.0	90° - 150°	0.0	0.0	90° - 180°	0.0	0.0	*Efficiency		*100.0	<table><tr><th>pf</th><th>pc</th><th colspan="3">80%</th><th colspan="3">20%</th><th colspan="3">50%</th></tr><tr><th>pc</th><th>pw</th><th>50%</th><th>30%</th><th>10%</th><th>50%</th><th>30%</th><th>10%</th><th>50%</th><th>30%</th><th>10%</th></tr><tr><td>0</td><td>119</td><td>119</td><td>119</td><td>119</td><td>116</td><td>116</td><td>116</td><td>111</td><td>111</td><td>111</td></tr><tr><td>1</td><td>104</td><td>99</td><td>96</td><td>96</td><td>101</td><td>98</td><td>94</td><td>97</td><td>94</td><td>91</td></tr><tr><td>2</td><td>90</td><td>84</td><td>78</td><td>78</td><td>88</td><td>82</td><td>77</td><td>85</td><td>80</td><td>75</td></tr><tr><td>3</td><td>79</td><td>71</td><td>65</td><td>65</td><td>78</td><td>70</td><td>64</td><td>75</td><td>68</td><td>63</td></tr><tr><td>4</td><td>70</td><td>62</td><td>55</td><td>55</td><td>69</td><td>61</td><td>54</td><td>67</td><td>59</td><td>54</td></tr><tr><td>5</td><td>63</td><td>54</td><td>47</td><td>47</td><td>62</td><td>53</td><td>47</td><td>60</td><td>52</td><td>46</td></tr><tr><td>6</td><td>57</td><td>48</td><td>41</td><td>41</td><td>56</td><td>47</td><td>41</td><td>54</td><td>46</td><td>41</td></tr><tr><td>7</td><td>51</td><td>43</td><td>36</td><td>36</td><td>51</td><td>42</td><td>36</td><td>49</td><td>42</td><td>36</td></tr><tr><td>8</td><td>47</td><td>38</td><td>33</td><td>33</td><td>46</td><td>38</td><td>32</td><td>45</td><td>38</td><td>32</td></tr><tr><td>9</td><td>43</td><td>35</td><td>29</td><td>29</td><td>43</td><td>35</td><td>29</td><td>41</td><td>34</td><td>29</td></tr><tr><td>10</td><td>40</td><td>32</td><td>27</td><td>27</td><td>39</td><td>32</td><td>27</td><td>38</td><td>31</td><td>26</td></tr></table>	pf	pc	80%			20%			50%			pc	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	119	119	119	119	116	116	116	111	111	111	1	104	99	96	96	101	98	94	97	94	91	2	90	84	78	78	88	82	77	85	80	75	3	79	71	65	65	78	70	64	75	68	63	4	70	62	55	55	69	61	54	67	59	54	5	63	54	47	47	62	53	47	60	52	46	6	57	48	41	41	56	47	41	54	46	41	7	51	43	36	36	51	42	36	49	42	36	8	47	38	33	33	46	38	32	45	38	32	9	43	35	29	29	43	35	29	41	34	29	10	40	32	27	27	39	32	27	38	31	26	<table><tr><th colspan="2">Mounting Height</th><th colspan="2">Initial FC</th><th colspan="2">50% beam - 63.5°</th><th colspan="2">10% beam - 108.5°</th></tr><tr><th>Height</th><th>Center Beam</th><th>Diameter</th><th>FC</th><th>Diameter</th><th>FC</th><th>Diameter</th><th>FC</th></tr><tr><td>8.0</td><td>13.4</td><td>6.8</td><td>6.7</td><td>15.3</td><td>1.3</td><td></td><td></td></tr><tr><td>10.0</td><td>7.2</td><td>9.3</td><td>3.6</td><td>20.8</td><td>0.7</td><td></td><td></td></tr><tr><td>12.0</td><td>4.5</td><td>11.7</td><td>2.3</td><td>26.4</td><td>0.4</td><td></td><td></td></tr><tr><td>14.0</td><td>3.1</td><td>14.2</td><td>1.5</td><td>31.9</td><td>0.3</td><td></td><td></td></tr><tr><td>16.0</td><td>2.2</td><td>16.7</td><td>1.1</td><td>37.5</td><td>0.2</td><td></td><td></td></tr></table>	Mounting Height		Initial FC		50% beam - 63.5°		10% beam - 108.5°		Height	Center Beam	Diameter	FC	Diameter	FC	Diameter	FC	8.0	13.4	6.8	6.7	15.3	1.3			10.0	7.2	9.3	3.6	20.8	0.7			12.0	4.5	11.7	2.3	26.4	0.4			14.0	3.1	14.2	1.5	31.9	0.3			16.0	2.2	16.7	1.1	37.5	0.2		
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WF6 Switchable White 6" LED Wafer Module

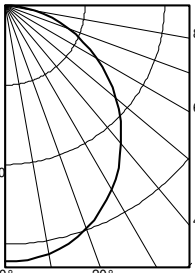
PHOTOMETRICS

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire																		
	WF6 LL LED 27K30K35K, 2700K LEDs, input watts: 10, delivered lumens: 839, LM/W=84, test no. ISF 36826P13																					
					pf				20%			50%										
					pc				70%			30%			10%							
					pw	50%	30%	10%	50%	30%	10%	50%	30%	10%								
	Ave	Lumens	Zone	Lumens	% Lamp	0	119	119	119	116	116	116	111	111	111					50% beam -	10% beam -	
			0° - 30°	233.7	27.8	1	104	99	96	101	98	94	97	94	91					63.5°	108.5°	
			0° - 40°	379.7	45.2	2	90	84	78	88	82	77	85	80	75							
			0° - 60°	660.2	78.7	3	79	71	65	78	70	64	75	68	63							
			0° - 90°	839.3	100.0	4	70	62	55	69	61	54	67	59	54							
			90° - 120°	0.0	0.0	5	63	54	47	62	53	47	60	52	46							
		90° - 130°	0.0	0.0	6	57	48	41	56	47	41	54	46	41								
		90° - 150°	0.0	0.0	7	51	43	36	51	42	36	49	42	36								
		90° - 180°	0.0	0.0	8	47	38	33	46	38	32	45	38	32								
		0° - 180°	839.3	*100.0	9	43	35	29	43	35	29	41	34	29								
		*Efficiency			10	40	32	27	39	32	27	38	31	26								
</																						

WF6 LL LED 27K30K35K, 3000K LEDs, input watts: 9.7, delivered lumens: 926, LM/W=95, test no. ISF 36826P14

	<table><tr><th>Ave</th><th>Lumens</th></tr><tr><td>0</td><td>334</td></tr><tr><td>5</td><td>333</td></tr><tr><td>15</td><td>321</td></tr><tr><td>25</td><td>295</td></tr><tr><td>35</td><td>258</td></tr><tr><td>45</td><td>212</td></tr><tr><td>55</td><td>163</td></tr><tr><td>65</td><td>112</td></tr><tr><td>75</td><td>63</td></tr><tr><td>85</td><td>18</td></tr><tr><td>90</td><td>0</td></tr></table>		Ave	Lumens	0	334	5	333	15	321	25	295	35	258	45	212	55	163	65	112	75	63	85	18	90	0	<table><tr><th>Zone</th><th>Lumens</th><th>% Lamp</th></tr><tr><td>0° - 30°</td><td>257.8</td><td>27.8</td></tr><tr><td>0° - 40°</td><td>418.8</td><td>45.2</td></tr><tr><td>0° - 60°</td><td>728.2</td><td>78.7</td></tr><tr><td>0° - 90°</td><td>925.8</td><td>100.0</td></tr><tr><td>90° - 120°</td><td>0.0</td><td>0.0</td></tr><tr><td>90° - 130°</td><td>0.0</td><td>0.0</td></tr><tr><td>90° - 150°</td><td>0.0</td><td>0.0</td></tr><tr><td>90° - 180°</td><td>0.0</td><td>0.0</td></tr><tr><td>0° - 180°</td><td>925.8</td><td>*100.0</td></tr><tr><td colspan="3">*Efficiency</td></tr></table>		Zone	Lumens	% Lamp	0° - 30°	257.8	27.8	0° - 40°	418.8	45.2	0° - 60°	728.2	78.7	0° - 90°	925.8	100.0	90° - 120°	0.0	0.0	90° - 130°	0.0	0.0	90° - 150°	0.0	0.0	90° - 180°	0.0	0.0	0° - 180°	925.8	*100.0	*Efficiency			<table><tr><th>pf</th><th colspan="3">80%</th><th colspan="3">20%</th><th colspan="3">50%</th></tr><tr><th>pc</th><th>50%</th><th>30%</th><th>10%</th><th>50%</th><th>30%</th><th>10%</th><th>50%</th><th>30%</th><th>10%</th></tr><tr><th>pw</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><td>0</td><td>119</td><td>119</td><td>119</td><td>116</td><td>116</td><td>116</td><td>111</td><td>111</td><td>111</td></tr><tr><td>1</td><td>104</td><td>99</td><td>96</td><td>101</td><td>98</td><td>94</td><td>97</td><td>94</td><td>91</td></tr><tr><td>2</td><td>90</td><td>84</td><td>78</td><td>88</td><td>82</td><td>77</td><td>85</td><td>80</td><td>75</td></tr><tr><td>3</td><td>79</td><td>71</td><td>65</td><td>78</td><td>70</td><td>64</td><td>75</td><td>68</td><td>63</td></tr><tr><td>4</td><td>70</td><td>62</td><td>55</td><td>69</td><td>61</td><td>54</td><td>67</td><td>59</td><td>54</td></tr><tr><td>5</td><td>63</td><td>54</td><td>47</td><td>62</td><td>53</td><td>47</td><td>60</td><td>52</td><td>46</td></tr><tr><td>6</td><td>57</td><td>48</td><td>41</td><td>56</td><td>47</td><td>41</td><td>54</td><td>46</td><td>41</td></tr><tr><td>7</td><td>51</td><td>43</td><td>36</td><td>51</td><td>42</td><td>36</td><td>49</td><td>42</td><td>36</td></tr><tr><td>8</td><td>47</td><td>38</td><td>33</td><td>46</td><td>38</td><td>32</td><td>45</td><td>38</td><td>32</td></tr><tr><td>9</td><td>43</td><td>35</td><td>29</td><td>43</td><td>35</td><td>29</td><td>41</td><td>34</td><td>29</td></tr><tr><td>10</td><td>40</td><td>32</td><td>27</td><td>39</td><td>32</td><td>27</td><td>38</td><td>31</td><td>26</td></tr></table>										pf	80%			20%			50%			pc	50%	30%	10%	50%	30%	10%	50%	30%	10%	pw										0	119	119	119	116	116	116	111	111	111	1	104	99	96	101	98	94	97	94	91	2	90	84	78	88	82	77	85	80	75	3	79	71	65	78	70	64	75	68	63	4	70	62	55	69	61	54	67	59	54	5	63	54	47	62	53	47	60	52	46	6	57	48	41	56	47	41	54	46	41	7	51	43	36	51	42	36	49	42	36	8	47	38	33	46	38	32	45	38	32	9	43	35	29	43	35	29	41	34	29	10	40	32	27	39	32	27	38	31	26	<table><tr><th colspan="2" rowspan="2">Mounting Height</th><th colspan="2" rowspan="2">Initial FC Center Beam</th><th colspan="2" rowspan="2">50% beam - 63.5°</th><th colspan="2" rowspan="2">10% beam - 108.5°</th></tr><tr></tr><tr><th colspan="2"></th><th>Diameter</th><th>FC</th><th>Diameter</th><th>FC</th><th>Diameter</th><th>FC</th></tr><tr><td colspan="2">8.0</td><td>11.0</td><td>6.8</td><td>5.5</td><td>15.3</td><td>1.1</td><td></td></tr><tr><td colspan="2">10.0</td><td>5.9</td><td>9.3</td><td>3.0</td><td>20.8</td><td>0.6</td><td></td></tr><tr><td colspan="2">12.0</td><td>3.7</td><td>11.7</td><td>1.8</td><td>26.4</td><td>0.4</td><td></td></tr><tr><td colspan="2">14.0</td><td>2.5</td><td>14.2</td><td>1.3</td><td>31.9</td><td>0.3</td><td></td></tr><tr><td colspan="2">16.0</td><td>1.8</td><td>16.7</td><td>0.9</td><td>37.5</td><td>0.2</td><td></td></tr></table>				Mounting Height		Initial FC Center Beam		50% beam - 63.5°		10% beam - 108.5°				Diameter	FC	Diameter	FC	Diameter	FC	8.0		11.0	6.8	5.5	15.3	1.1		10.0		5.9	9.3	3.0	20.8	0.6		12.0		3.7	11.7	1.8	26.4	0.4		14.0		2.5	14.2	1.3	31.9	0.3		16.0		1.8	16.7	0.9	37.5	0.2	
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WF6 LL LED 27K30K35K, 3500K LEDs, input watts: 9.9, delivered lumens: 893, LM/W=90, test no. ISF 36826P15

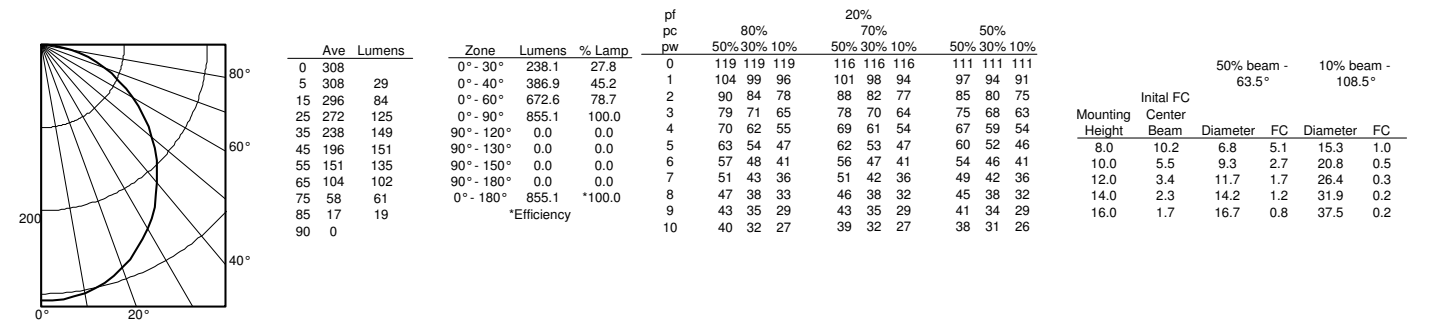
	<table><tr><th>Ave</th><th>Lumens</th></tr><tr><td>0</td><td>322</td></tr><tr><td>5</td><td>321</td></tr><tr><td>15</td><td>309</td></tr><tr><td>25</td><td>284</td></tr><tr><td>35</td><td>249</td></tr><tr><td>45</td><td>205</td></tr><tr><td>55</td><td>157</td></tr><tr><td>65</td><td>108</td></tr><tr><td>75</td><td>61</td></tr><tr><td>85</td><td>17</td></tr><tr><td>90</td><td>0</td></tr></table>		Ave	Lumens	0	322	5	321	15	309	25	284	35	249	45	205	55	157	65	108	75	61	85	17	90	0	<table><tr><th>Zone</th><th>Lumens</th><th>% Lamp</th></tr><tr><td>0° - 30°</td><td>248.5</td><td>27.8</td></tr><tr><td>0° - 40°</td><td>403.7</td><td>45.2</td></tr><tr><td>0° - 60°</td><td>701.9</td><td>78.7</td></tr><tr><td>0° - 90°</td><td>892.3</td><td>100.0</td></tr><tr><td>90° - 120°</td><td>0.0</td><td>0.0</td></tr><tr><td>90° - 130°</td><td>0.0</td><td>0.0</td></tr><tr><td>90° - 150°</td><td>0.0</td><td>0.0</td></tr><tr><td>90° - 180°</td><td>0.0</td><td>0.0</td></tr><tr><td>0° - 180°</td><td>892.3</td><td>*100.0</td></tr><tr><td colspan="3">*Efficiency</td></tr></table>		Zone	Lumens	% Lamp	0° - 30°	248.5	27.8	0° - 40°	403.7	45.2	0° - 60°	701.9	78.7	0° - 90°	892.3	100.0	90° - 120°	0.0	0.0	90° - 130°	0.0	0.0	90° - 150°	0.0	0.0	90° - 180°	0.0	0.0	0° - 180°	892.3	*100.0	*Efficiency			<table><tr><th>pf</th><th colspan="3">80%</th><th colspan="3">20%</th><th colspan="3">50%</th></tr><tr><th>pc</th><th>50%</th><th>30%</th><th>10%</th><th>50%</th><th>30%</th><th>10%</th><th>50%</th><th>30%</th><th>10%</th></tr><tr><th>pw</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><td>0</td><td>119</td><td>119</td><td>119</td><td>116</td><td>116</td><td>116</td><td>111</td><td>111</td><td>111</td></tr><tr><td>1</td><td>104</td><td>99</td><td>96</td><td>101</td><td>98</td><td>94</td><td>97</td><td>94</td><td>91</td></tr><tr><td>2</td><td>90</td><td>84</td><td>78</td><td>88</td><td>82</td><td>77</td><td>85</td><td>80</td><td>75</td></tr><tr><td>3</td><td>79</td><td>71</td><td>65</td><td>78</td><td>70</td><td>64</td><td>75</td><td>68</td><td>63</td></tr><tr><td>4</td><td>70</td><td>62</td><td>55</td><td>69</td><td>61</td><td>54</td><td>67</td><td>59</td><td>54</td></tr><tr><td>5</td><td>63</td><td>54</td><td>47</td><td>62</td><td>53</td><td>47</td><td>60</td><td>52</td><td>46</td></tr><tr><td>6</td><td>57</td><td>48</td><td>41</td><td>56</td><td>47</td><td>41</td><td>54</td><td>46</td><td>41</td></tr><tr><td>7</td><td>51</td><td>43</td><td>36</td><td>51</td><td>42</td><td>36</td><td>49</td><td>42</td><td>36</td></tr><tr><td>8</td><td>47</td><td>38</td><td>33</td><td>46</td><td>38</td><td>32</td><td>45</td><td>38</td><td>32</td></tr><tr><td>9</td><td>43</td><td>35</td><td>29</td><td>43</td><td>35</td><td>29</td><td>41</td><td>34</td><td>29</td></tr><tr><td>10</td><td>40</td><td>32</td><td>27</td><td>39</td><td>32</td><td>27</td><td>38</td><td>31</td><td>26</td></tr></table>										pf	80%			20%			50%			pc	50%	30%	10%	50%	30%	10%	50%	30%	10%	pw										0	119	119	119	116	116	116	111	111	111	1	104	99	96	101	98	94	97	94	91	2	90	84	78	88	82	77	85	80	75	3	79	71	65	78	70	64	75	68	63	4	70	62	55	69	61	54	67	59	54	5	63	54	47	62	53	47	60	52	46	6	57	48	41	56	47	41	54	46	41	7	51	43	36	51	42	36	49	42	36	8	47	38	33	46	38	32	45	38	32	9	43	35	29	43	35	29	41	34	29	10	40	32	27	39	32	27	38	31	26	<table><tr><th colspan="2" rowspan="2">Mounting Height</th><th colspan="2" rowspan="2">Initial FC Center Beam</th><th colspan="2" rowspan="2">50% beam - 63.5°</th><th colspan="2" rowspan="2">10% beam - 108.5°</th></tr><tr></tr><tr><th colspan="2"></th><th>Diameter</th><th>FC</th><th>Diameter</th><th>FC</th><th>Diameter</th><th>FC</th></tr><tr><td colspan="2">8.0</td><td>10.6</td><td>6.8</td><td>5.3</td><td>15.3</td><td>1.1</td><td></td></tr><tr><td colspan="2">10.0</td><td>5.7</td><td>9.3</td><td>2.9</td><td>20.8</td><td>0.6</td><td></td></tr><tr><td colspan="2">12.0</td><td>3.6</td><td>11.7</td><td>1.8</td><td>26.4</td><td>0.4</td><td></td></tr><tr><td colspan="2">14.0</td><td>2.4</td><td>14.2</td><td>1.2</td><td>31.9</td><td>0.2</td><td></td></tr><tr><td colspan="2">16.0</td><td>1.8</td><td>16.7</td><td>0.9</td><td>37.5</td><td>0.2</td><td></td></tr></table>						Mounting Height		Initial FC Center Beam		50% beam - 63.5°		10% beam - 108.5°				Diameter	FC	Diameter	FC	Diameter	FC	8.0		10.6	6.8	5.3	15.3	1.1		10.0		5.7	9.3	2.9	20.8	0.6		12.0		3.6	11.7	1.8	26.4	0.4		14.0		2.4	14.2	1.2	31.9	0.2		16.0		1.8	16.7	0.9	37.5	0.2	
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WF6 Switchable White 6" LED Wafer Module

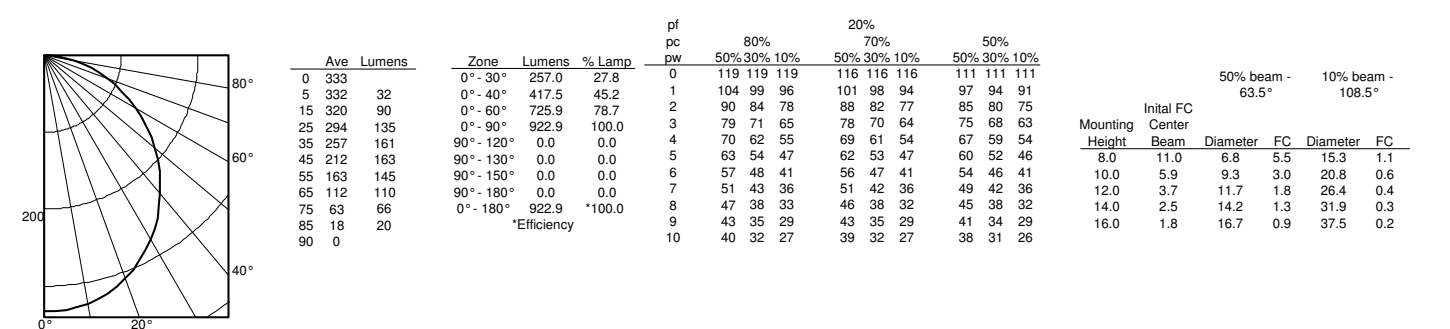
PHOTOMETRICS

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire
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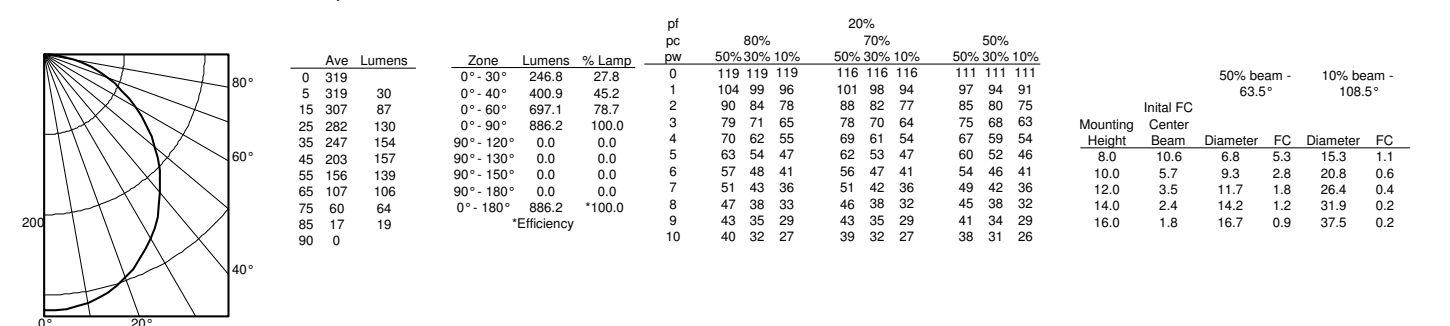
WF6 LL LED 30K40K50K, 3000K LEDs, input watts: 10, delivered lumens: 855, LM/W=85, test no. ISF 36826P16



WF6 LL LED 30K40K50K, 4000K LEDs, input watts: 10, delivered lumens: 923, LM/W=92, test no. ISF 36826P17



WF6 LL LED 30K40K50K, 5000K LEDs, input watts: 10, delivered lumens: 886, LM/W=87, test no. ISF 36826P18



WF6 Switchable White 6" LED Wafer Module

ENERGY DATA

WF6 LED 27K30K35K			
Color Temperature	2700K	3000K	3500K
Lumens	1070	1150	1110
CRI	90	90	90
Rated wattage	14.1	13.4	13.9
Lu/Watts	75.9	85.8	79.9
Min. starting temp	-40°C (-40°F)	-40°C (-40°F)	-40°C (-40°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B
Sound rating	Class A Standards	Class A Standards	Class A Standards
Input voltage	120V	120V	120V
Min. power factor	0.98	0.98	0.98
Input frequency	50/60 Hz	50/60 Hz	50/60 Hz
Input power	120V	120V	120V
Input current	0.12A	0.12A	0.12A

WF6 LL 27K30K35K			
Color Temperature	2700K	3000K	3500K
Lumens	830	900	860
CRI	90	90	90
Rated wattage	10	9.7	9.9
Lu/Watts	83.0	92.8	86.9
Min. starting temp	-40°C (-40°F)	-40°C (-40°F)	-40°C (-40°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B
Sound rating	Class A Standards	Class A Standards	Class A Standards
Input voltage	120V	120V	120V
Min. power factor	0.98	0.98	0.98
Input frequency	50/60 Hz	50/60 Hz	50/60 Hz
Input power	120V	120V	120V
Input current	0.08A	0.08A	0.08A

WF6 LED 30K40K50K			
Color Temperature	3000K	4000K	5000K
Lumens	1090	1190	1120
CRI	90	90	90
Rated wattage	13.8	13.4	13.9
Lu/Watts	79.0	88.8	80.6
Min. starting temp	-40°C (-40°F)	-40°C (-40°F)	-40°C (-40°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B
Sound rating	Class A Standards	Class A Standards	Class A Standards
Input voltage	120V	120V	120V
Min. power factor	0.98	0.98	0.98
Input frequency	50/60 Hz	50/60 Hz	50/60 Hz
Input power	120V	120V	120V
Input current	0.12A	0.12A	0.12A

WF6 LL 30K40K50K			
Color Temperature	3000K	4000K	5000K
Lumens	850	920	880
CRI	90	90	90
Rated wattage	9.9	9.8	10
Lu/Watts	85.9	93.9	88.0
Min. starting temp	-40°C (-40°F)	-40°C (-40°F)	-40°C (-40°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B
Sound rating	Class A Standards	Class A Standards	Class A Standards
Input voltage	120V	120V	120V
Min. power factor	0.98	0.98	0.98
Input frequency	50/60 Hz	50/60 Hz	50/60 Hz
Input power	120V	120V	120V
Input current	0.08A	0.08A	0.08A

WF6 Switchable White 6" LED Wafer Module

LIGHTING PERFORMANCE DATA



LOW LUMEN

LIGHTING PERFORMANCE DATA DONNÉES SUR LE RENDEMENT DE L'ÉCLAIRAGE	
Light Appearance (CCT) Aspect de la lumière (CCT)	
2700K	soft white blanc doux
830 lumens	83 lumens per watt
3000K	warm white blanc chaud
900 lumens	90 lumens per watt
3500K	neutral white blanc neutre
860 lumens	86 lumens per watt
Watts	10
Color Accuracy (CRI) Précision des couleurs (CRI)	90

LIGHTING PERFORMANCE DATA DONNÉES SUR LE RENDEMENT DE L'ÉCLAIRAGE	
Light Appearance (CCT) Aspect de la lumière (CCT)	
3000K	warm white blanc chaud
850 lumens	85 lumens per watt
4000K	cool white blanc froid
920 lumens	92 lumens per watt
5000K	daylight blanc neutre
880 lumens	88 lumens per watt
Watts	10
Color Accuracy (CRI) Précision des couleurs (CRI)	90



HIGH LUMEN

LIGHTING PERFORMANCE DATA DONNÉES SUR LE RENDEMENT DE L'ÉCLAIRAGE	
Light Appearance (CCT) Aspect de la lumière (CCT)	
2700K	soft white blanc doux
1070 lumens	76 lumens per watt
3000K	warm white blanc chaud
1150 lumens	82 lumens per watt
3500K	neutral white blanc neutre
1110 lumens	79 lumens per watt
Watts	14
Color Accuracy (CRI) Précision des couleurs (CRI)	90

LIGHTING PERFORMANCE DATA DONNÉES SUR LE RENDEMENT DE L'ÉCLAIRAGE	
Light Appearance (CCT) Aspect de la lumière (CCT)	
3000K	warm white blanc chaud
1090 lumens	78 lumens per watt
4000K	cool white blanc froid
1190 lumens	85 lumens per watt
5000K	daylight blanc neutre
1120 lumens	80 lumens per watt
Watts	14
Color Accuracy (CRI) Précision des couleurs (CRI)	90