IBL LED High Bay

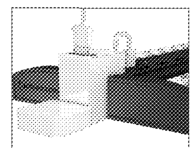
FIXTURE " B"

IMP - Integrated Modular Plug

- The integrated modular plug (IMP) option allows the installer to plug and play a multitude of accessories.
- Cord sets connect quickly to any fixture with IMP option.
- IMP accessories include occupancy sensors, photocells, X-point relays.

IMP compatible sensors	
CS1WIMP	Straight plug, 120V
CS3WIMP	Twist-lock, 120V
CS7WIMP	Straight plug, 277V
CS11WIMP	Twist-lock, 277V
CS25WIMP	Twist-lock, 347V
CS93WIMP	600V SEOOW white cord, no plug
CS97WIMP	Twist-lock, 480V

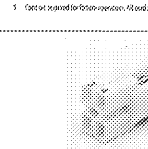
IMP compatible sensors	
MSIIMP	Aisle sensor
MSI360IMP	360° sensor



Notes
1 Cord set required for fixture operation. All cord sets are 16/3, 6' white.

RRL - RELOC®-Ready Luminaire

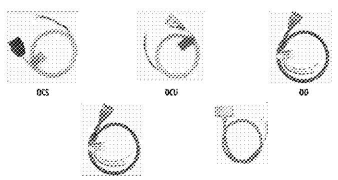
- RRL connectors can be used with Quick-Flex®, System 820 and One-Pass® systems.
- Load side of connector factory installed to luminaire.
- 4-pole mating connector with push-in terminations allows for simple installation.
- Touch-safe design on both halves meets UL/CSA requirement.
- Wiping contact design allows safe disconnect under load.



ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative. **Example:** RRLA

Series		Wiring instructions			
RRL	RELOC®-ready luminaire	A	Hot conductor wired to position #1 (phase A)	AE	Hot conductor wired to position #1 (phase A), hot conductor #2 wired to position #2 (phase B)[1]
		B	Hot conductor wired to position #2 (phase B)	ABE	Hot conductor wired to position #1 (phase A), hot conductor #2 wired to position #2 (phase B), inverter conductor wired to position #3 (phase C)[1,2]
		C	Hot conductor wired to position #3 (phase C)[1]	C125	Hot conductor in position #1 (phase A), low voltage conductor #1 in position #2 low voltage conductor #2 in position #3[1,3]
		AB	Outboard hot conductor wired to position #1 (phase A), inboard hot conductor wired to position #2 (phase B)		

Compatible RELOC® Cables for Industrial Luminaires (shipped and ordered separately)



Notes
1 C, ABE, and C125 options are not used with Quick-Flex QFC, OSFL, QPT, and QD.
2 AE and ABE commercial fixtures should disconnect the TSPL before unplugging the RRL so it does not go into discharge mode.
3 C125 option is used with the OnePass OD and S20 SSC, PT, and DL for 0-10V/DALI applications.

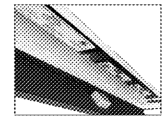
IBL LED High Bay

FIXTURE " B"

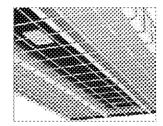
OPTIONS AND ACCESSORIES

The I-BEAM LED fixture offers numerous options for almost every electrical and optical component, including a long list of field-installable accessories.

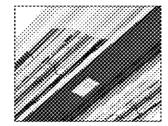
REFLECTORS
Wide distribution is formed with 93% reflective white paint. Narrow distribution is formed with Alanod® MIRO®.



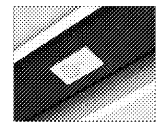
INTEGRATED ELECTRICAL OPTIONS
Channel sized to accept emergency components, surge protector, fusing and embedded sensors.



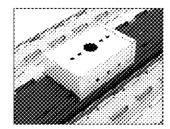
WIRE GUARD (external)
Field- or factory-installed. Protects light engine from impact. Mounting hardware included.
Factory-installed option:
WGX
Field-installed options:
WGIBL
WGIBL48



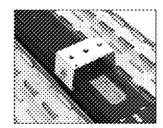
DIFFUSER
Field- or factory-installed. Available in semi-diffuse acrylic. Mounting hardware included.
Factory-installed option:
SD125
Field-installed options:
DLIBL SD125
DLIBL 48 SD125



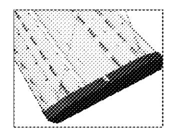
EMBEDDED OCCUPANCY SENSOR
Factory-installed Sensor Switch® SRB30 (MSE360) or SRI7 (MSE360LB) placed in the channel cover which reduces the risk of sensor damage compared to non-embedded sensors. Recommended mounting height for MSE360 is over 15' and MSE360LB under 15'.
Factory-installed options:
MSE360
MSE360LB



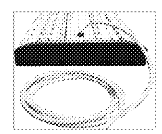
PENDANT MONOPOINT BRACKET
Accepts ¾" rigid conduit for single-point mounting. The bracket can be adjusted to help counterbalance fixture to offset weight variance from end to end.
Order as:
IBLPMP
IBLPMPHB
IBLPMP48
IBLPMPHB48



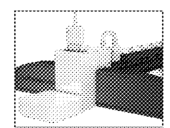
SURFACE MOUNT BRACKET
Rigidly attach I-BEAM LED to a hard ceiling. Can be placed anywhere along fixture.
Order as:
ISMB (not for use in ambient temperatures exceeding 95°F (35°C), or on the 48L or 60L)



HANGERS
Several lengths of aircraft cables and chains available; with or without V-hooks.
Order as:
IBAC120 M20
IBHMP
For others, see accessories on page 1.



CORD SETS
Available in several lengths with or without molded plug. White is standard.
For available options, see ordering information on page 1.



INTEGRATED MODULAR PLUG (IMP)
Must be factory-installed and allows for field installation of various modular accessories including cordsets, motion sensors, photocells and ECS X-point® relays. Fixture must be ordered with IMP option. Requires IMP power cord to operate fixture.

LITHONIA LIGHTING

Catalog Number	Fixture "D"-
Notes	exterior can
Type	recessed

Wafer LED Recessed Downlight

WF6
6" LED Module

IC/Non-IC
New Construction/Remodel

FEATURES & SPECIFICATIONS

INTENDED USE — The 6" Wafer-Thin LED recessed downlight with remote driver box combines high quality light output and efficiency while eliminating the pot light housing for competitive affordability. This innovative wafer-slim Type IC design allows easy installation for new construction or remodel from below the ceiling without the requirement of a pot light housing. The LED module maintains at least 70% light output for 36,000 hours. These LED Wafer downlights are intended for closets, attics, hallways, bathrooms, kitchens, basements, soffits, entry ways, porches, garages, stairwells, corridors, nursing/retirement homes, condos, elevators, apartments, and any other small areas.

CONSTRUCTION — Ideal for shallow ceiling plenum since a pot light housing is NOT required. IC rated driver and fixture - approved for direct contact with insulation. Aluminum die cast outer frame. Durable, powder coat paint to prevent rust. Round fixture with integral edge-lit LED's. Steel spring clip for easy installation. Plenum rated cable connector to connect from module to remote driver box. 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 (8) 14 gauge insulated conductors, or (6) 12 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.

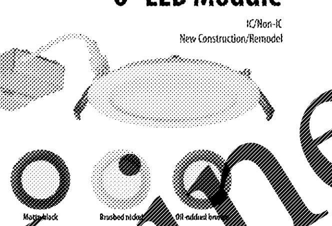
OPTICS — Wafer-Thin downlight edge-lit LED technology uses light guided plate to distribute light. Polycarbonate lens provides even illumination throughout the space. Utilized 2700K, 3000K, 3500K, 4000K, and 5000K color temperature LEDs.

ELECTRICAL — Connect directly to 120V power supply via provided UL recognized 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% (See page 2 for recommended dimmers). Standard input wattage is 13W, 79 lumens per watt. Replaces 75W incandescent for 865 lumens and 100W incandescent for 1020 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.

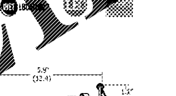
WARRANTY — 5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

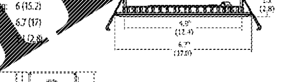
Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



Specifications

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





All dimensions are inches (centimeters) unless otherwise indicated.

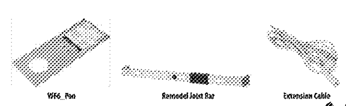
WF6 6" LED Wafer Module

Fixture "D"- exterior can recessed

ORDERING INFORMATION For shortest lead times, configure product using **standard options (shown in bold).** **Example:** WF6 LED 30K MW

WF6							
Series		**Lamp**		**CCT/CRI/W/Lumens[1]**		**Finish**	
WF6	6" wafer-thin LED downlight	**LED**	LED	**27K**[2]	2700K/80CRI/13.8W/1000L	**MW**	Matte white
				30K	3000K/80CRI/13W/1020L	**MB**	Matte black
				35K[2]	35000k/80CRI/13.4W/1100L	**BN**	Brushed nickel
				40K	4000K/80CRI/13.6W/1200L	**ORB**	Oil-rubbed bronze
				50K[2]	5000K/80CRI/14.4W/1210L		
		LL LED	Low Lumen LED	**27K**	2700K/80CRI/12.7W/780L		
				30K	3000k/80CRI/12.6W/800L		
				35K[2]	3500k/80CRI/12W/840L		
				40K	4000k/80CRI/12.9W/850L		
				50K[2]	5000k/80CRI/12W/900L		

Accessories: Order as separate catalog number.	
WF6 PAN R12	6" new construction pan, retail pack of 12
WFJB U	Remodel Joist Bar
WFEXC6 U	6' FT4 cable
WFEXC10 U	10' FT4 cable
WFEXC20 U	20' FT4 cable

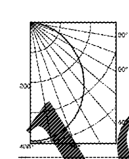


Notes
1 Typical delivered lumens.
2 Only stocked in Matte White finish, extended stock order for other finishes.

PHOTOMETRICS

Distribution Curve | Distribution Data | Output Data | Coefficient of Utilization | Illuminance Data at 30" Above Floor for a Single Luminaire

WF6 LED27K, 2700 K LEDs, input watts: 13.7, delivered lumens: 1069, LM/W=78, test no. ISF 30024



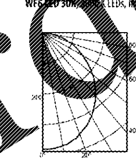
Ave	Lumens
0 386	
5 304	37
15 300	107
25 346	165
35 204	150
45 240	192
55 182	[illegible]
65 183	[illegible]
75 [illegible]	71
85 [illegible]	21

Zone	Lumens	% Lamp
0° - 30°	304.8	28.5
0° - 40°	494.7	46.2
0° - 60°	854.2	79.8
0° - 90°	1069.2	100.0
90° - 180°	0.0	0.0
0° - 180°	1069.6	*100.0
*Efficiency		

pf	20%								
pc	80%			70%			50%		
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	118	116	116	111	111	111
1	[illegible]	100	96	102	98	94	98	94	91
2	[illegible]	[illegible]	79	89	85	78	85	80	78
3	[illegible]	[illegible]	[illegible]	78	71	65	75	69	64
4	[illegible]	[illegible]	[illegible]	70	61	55	67	60	54
5	63	[illegible]	[illegible]	62	54	48	60	53	47
6	57	[illegible]	[illegible]	56	48	42	54	47	41
7	[illegible]	43	37	51	43	37	50	42	37
8	[illegible]	39	33	47	39	33	46	38	33
9	44	35	30	42	35	30	42	35	30
10	40	32	27	40	32	27	39	32	27

Mounting Height	Initial FC Center Beam	50% beam - 63.3° Diameter	FC	10% beam - 108.0° Diameter	FC
8.0	13.1	6.8	6.5	15.1	1.3
10.0	7.9	8.2	3.5	20.6	0.7
12.0	4.4	11.7	2.2	26.1	0.4
14.0	[illegible]	14.2	1.5	31.6	0.3
16.0	2.2	16.6	1.1	37.1	0.2

WF6 LED 30K, 3000 K LEDs, input watts: 13, delivered lumens: 1020, LM/W=78.5, test no. ISF 30024



Ave	Lumens
0 331	
5 330	38
15 327	103
25 326	155
35 [illegible]	183
45 240	185
55 151	162
65 121	130
75 64	88
85 17	20
90 2	

Zone	Lumens	% Lamp
0° - 30°	294.0	28.5
0° - 40°	477.1	46.2
0° - 60°	820.9	79.8
0° - 80°	1031.8	100.0
80° - 180°	0.0	0.0
0° - 180°	1031.8	*100.0
*Efficiency		

pf	20%								
pc	80%			70%			50%		
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	118	118	116	111	111	111
1	104	100	96	102	98	94	98	94	91
2	91	84	78	89	83	78	85	80	75
3	80	72	65	78	71	65	75	69	64
4	71	62	55	70	61	55	67	60	54
5	63	55	48	62	54	48	60	53	47
6	57	48	42	56	48	42	54	47	41
7	52	43	37	51	43	37	50	42	37
8	47	39	33	47	39	33	46	39	33
9	44	35	30	43	35	30	42	35	30
10	40	32	27	40	32	27	39	32	27

Mounting Height	Initial FC Center Beam	50% beam - 63.3° Diameter	FC	10% beam - 108.0° Diameter	FC
8.0	12.6	6.6	6.5	15.1	1.3
10.0	5.8	8.2	3.4	20.6	0.7
12.0	4.2	11.7	2.1	26.1	0.4
14.0	2.6	14.2	1.4	31.6	0.3
16.0	2.1	16.6	1.0	37.1	0.2

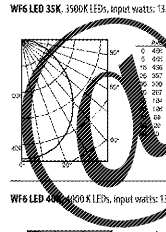
WF6 6" LED Wafer Module

Fixture "D"- exterior can recessed

PHOTOMETRICS

Distribution Curve | Distribution Data | Output Data | Coefficient of Utilization | Illuminance Data at 30" Above Floor for a Single Luminaire

WF6 LED 35K, 3500K LEDs, input watts: 13.4, delivered lumens: 1158, LM/W=[illegible], test no. ISF 35161



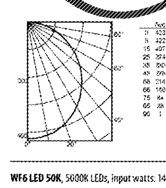
Ave	Lumens
0 406	
5 455	[illegible]
15 436	[illegible]
25 357	[illegible]
35 330	21[illegible]
45 267	20[illegible]
55 184	17[illegible]
65 136	125
75 [illegible]	72
85 [illegible]	[illegible]

Zone	Lumens	% Lamp
0° - 30°	346.8	30.1
0° - 40°	550.0	48.3
0° - 60°	920.4	81.1
0° - 90°	1156.8	100.0
90° - 120°	0.1	0.0
90° - 130°	0.1	0.0
90° - 150°	0.1	0.0
90° - 180°	0.1	0.0
0° - 180°	1156.7	*100.0
*Efficiency		

pf	20%								
pc	80%			70%			50%		
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	104	100	96	102	96	85	99	95	92
2	91	85	79	90	84	76	85	81	77
3	81	73	66	78	72	66	75	70	65
4	72	63	57	71	62	56	69	61	56
5	64	56	49	63	55	49	61	54	48
6	59	49	43	57	48	43	55	47	42
7	53	44	38	52	44	38	51	43	38
8	48	40	34	48	40	34	45	38	34
9	45	36	31	44	36	31	43	36	31
10	41	33	29	41	32	29	40	33	28

Mounting Height	Initial FC Center Beam	50% beam - 62.2° Diameter	FC	10% beam - 105.9° Diameter	FC
8.0	15.1	6.6	7.5	14.6	1.5
10.0	9.1	9.0	4.1	19.9	0.8
12.0	5.1	11.5	2.5	25.0	0.5
14.0	3.4	13.9	1.7	30.5	0.3
16.0	2.6	16.2	1.3	35.5	0.3

WF6 LED 40K, 4000 K LEDs, input watts: 13.6, delivered lumens: 1200, LM/W=88.2, test no. ISF 30376



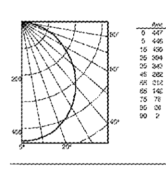
Ave	Lumens
0 423	
5 422	40
15 407	115
25 374	175
35 330	206
45 276	212
55 214	191
65 160	147
75 84	99
85 28	29
90 1	

Zone	Lumens	% Lamp
0° - 30°	327.3	27.2
0° - 40°	533.3	44.4
0° - 60°	926.3	77.2
0° - 90°	1201.9	100.0
90° - 180°	0.0	0.0
0° - 180°	1201.9	*100.0
*Efficiency		

pf	20%								
pc	80%			70%			50%		
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	104	99	95	101	97	94	97	94	91
2	90	83	77	88	82	76	85	79	75
3	79	71	64	77	70	63	74	68	62
4	70	61	54	68	60	54	66	59	53
5	62	53	47	61	52	46	59	52	46
6	56	47	41	55	47	41	53	47	40
7	51	42	36	50	42	36	49	41	36
8	47	38	32	46	38	32	44	37	32
9	43	34	29	42	34	29	41	34	29
10	39	31	26	38	31	26	38	31	26

Mounting Height	Initial FC Center Beam	50% beam - 65.7° Diameter	FC	10% beam - 108.1° Diameter	FC
8.0	14.9	6.6	7.5	15.3	1.4
10.0	7.8	8.5	3.5	21.0	0.8
12.0	4.7	11.8	2.3	25.7	0.5
14.0	3.2	14.3	1.5	32.5	0.3
16.0	2.5	16.6	1.2	37.9	0.2

WF6 LED 50K, 5000K LEDs, input watts: 14.31, delivered lumens: 1209, LM/W=84, test no. ISF 30024P3



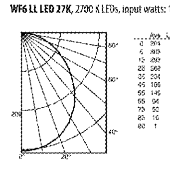
Ave	Lumens
0 447	
5 446	42
15 430	121
25 394	181
35 340	215
45 282	217
55 214	190
65 142	140
75 78	80
85 20	24
90 2	

Zone	Lumens	% Lamp
0° - 30°	344.7	28.5
0° - 40°	559.4	46.2
0° - 60°	958.5	79.6
0° - 80°	1209.8	100.0
80° - 180°	0.0	0.0
0° - 180°	1209.6	*100.0
*Efficiency		

pf	20%								
pc	80%			70%			50%		
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	104	100	96	102	98	94	98	94	91
2	91	84	79	89	83	79	85	80	76
3	80	72	65	78	71	65	75	69	64
4	71	62	55	70	61	55	67	60	54
5	63	55	48	62	54	48	60	53	47
6	57	48	42	56	48	42	54	47	41
7	52	43	37	51	43	37	50	42	37
8	47	39	33	47	39	33	45	38	33
9	44	35	30	43	35	30	42	35	30
10	40	32	27	40	32	27	39	32	27

Mounting Height	Initial FC Center Beam	50% beam - 65.2° Diameter	FC	10% beam - 106.0° Diameter	FC
8.0	14.0	6.5	7.4	15.1	1.6
10.0	7.8	9.2	4.0	21.0	0.6
12.0	4.5	11.7	2.8	26.1	0.5
14.0	2.4	14.2	1.7	31.8	0.3
16.0	2.5	16.0	1.2	37.1	0.2

WF6 LL LED 27K, 2700 K LEDs, input watts: 12.7, delivered lumens: 819, LM/W=64.4, test no. ISF 32780P1



Ave	Lumens
0 264	
5 263	22
15 282	63
25 262	124
35 234	146
45 186	146
55 149	126
65 94	82
75 52	55
85 10	17
90 1	

Zone	Lumens	% Lamp
0° - 30°	238.5	28.7
0° - 40°	381.5	46.6
0° - 60°	650.9	79.7
0° - 90°	819.2	100.0
90° - 120°	0.1	0.0
90° - 130°	0.1	0.0
90° - 150°	0.1	0.0
90° - 180°	0.1	0.0
0° - 180°	819.1	*100.0
*Efficiency		

pf	20%								
pc	80%			70%			50%		
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	104	100	96	102	99	94	97	94	91
2	91	84	78	89	83	77	85	80	76
3	80	72	65	78	71	65	75	59	64
4	71	62	56	70	62	55	67	60	55
5	64	55	48	62	54	48	60	53	47
6	57	45	42	56	46	42	55	47	41
7	52	43	37	51	43	37	50	42	37
8	48	39	33	47	39	33	46	39	33
9	44	36	30	43	36	30	42	35	30
10	40	32	27	40	32	27	39	32	27

Mounting Height	Initial FC Center Beam	50% beam - 63.4° Diameter	FC	10% beam - 107.4° Diameter	FC
8.0	10.0	6.6	2.7	15.0	1.0
10.0	5.4	8.5	2.7	20.4	0.6
12.0	3.4	11.7	1.7	25.9	0.3
14.0	2.3	14.2	1.1	31.5	0.2
16.0	1.7	16.7	5.8	36.5	0.2

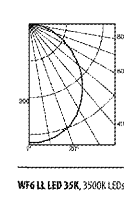
WF6 6" LED Wafer Module

Fixture "D"- exterior can recessed

PHOTOMETRICS

Distribution Curve | Distribution Data | Output Data | Coefficient of Utilization | Illuminance Data at 30" Above Floor for a Single Luminaire

WF6 LL LED 30K, 3000 K LEDs, input watts: 12.6, delivered lumens: 865, LM/W=68.7, test no. ISF 32781



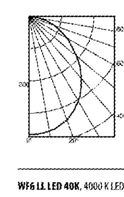
Ave	Lumens
0 322	
5 322	31
15 311	88
25 285	121
35 248	165
45 199	154
55 146	132
65 86	88
75 64	58
85 17	19
90 1	

Zone	Lumens	% Lamp
0° - 30°	248.7	28.9
0° - 40°	404.3	46.9
0° - 60°	690.1	79.9
0° - 90°	804.8	100.0
90° - 120°	0.1	0.0
90° - 130°	0.1	0.0
90° - 150°	0.1	0.0
90° - 180°	0.1	0.0
0° - 180°	864.7	*100.0
*Efficiency		

pf	20%								
pc	80%			70%			50%		
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	104	100	95	102	98	94	97	94	91
2	91	84	78	89	83	77	85	80	76
3	80	72	65	78	71	66	75	69	64
4	71	63	56	70	62	55	67	61	55
5	64	55	48	63	54	48	60	53	47
6	57	49	42	56	48	42	55	47	42
7	52	43	37	51	43	37	50	42	37
8	48	39	33	47	39	33	46	39	33
9	44	36	32	43	35	30	42	35	30
10	40	33	27	40	32	27	39	32	27

Mounting Height	Initial FC Center Beam	50% beam - 63.4° Diameter	FC	10% beam - 107.3° Diameter	FC
8.0	10.6	6.9	5.3	14.9	1.1
10.0	6.7	5.9	2.9	20.4	0.5
12.0	3.6	11.7	1.8	25.9	0.4
14.0	2.4	14.2	1.2	31.2	0.2
16.0	1.8	16.7	0.9	35.7	0.2

WF6 LL LED 35K, 3500K LEDs, input watts: 12, delivered lumens: 959, LM/W=80, test no. ISF 35160



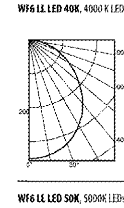
Ave	Lumens
0 357	
5 357	35
15 352	100
25 324	149
35 276	174
45 222	171
55 155	144
65 105	105
75 56	62
85 17	19
90 0	

Zone	Lumens	% Lamp
0° - 30°	288.4	28.6
0° - 40°	457.4	47.7
0° - 60°	772.5	80.0
0° - 90°	958.9	100.0
90° - 120°	0.1	0.0
90° - 130°	0.1	0.0
90° - 150°	0.1	0.0
90° - 180°	0.1	0.0
0° - 180°	959.0	*100.0
*Efficiency		

pf	20%								
pc	80%			70%			50%		
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	104	100	96	102	98	95	99	95	92
2	91	85	79	89	83	78	85	81	72
3	80	72	65	78	71	66	75	70	64
4	72	63	56	70	62	56	69	61	55
5	64	55	49	63	55	49	61	54	48
6	58	49	42	57	48	42	55	48	42
7	53	44	38	52	44	38	50	43	37
8	48	40	34	47	39	34	45	39	34
9	44	36	31	44	36	31	42	35	30
10	41	33	28	40	33	28	39	32	28

Mounting Height	Initial FC Center Beam	50% beam - 63.0° Diameter	FC	10% beam - 108.5° Diameter	FC
8.0	12.1	5.7	6.1	14.7	1.2
10.0	6.5	9.2	3.3	20.1	0.7
12.0	4.1	11.7	2.0	25.5	0.4
14.0	2.8	14.1	1.4	30.8	0.3
16.0	2.0	15.6	1.0	36.2	0.2

WF6 LL LED 40K, 4000 K LEDs, input watts: 12.9, delivered lumens: 944, LM/W=73.2, test no. ISF 32780



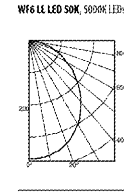
Ave	Lumens
0 350	
5 350	33
15 337	95
25 310	143
35 279	166
45 218	163
55 182	145
65 122	108
75 59	54
85 13	20
90 1	

Zone	Lumens	% Lamp
0° - 30°	271.1	28.7
0° - 40°	435.4	45.8
0° - 60°	752.3	79.7
0° - 90°	943.7	100.0
90° - 120°	0.1	0.0
90° - 130°	0.1	0.0
90° - 150°	0.1	0.0
90° - 180°	0.1	0.0
0° - 180°	943.7	*100.0
*Efficiency		

pf	20%								
pc	80%			70%			50%		
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	104	100	96	102	98	94	97	94	91
2	91	84	78	89	83	77	85	80	76
3	80	72	65	78	71	65	75	69	64
4	71	62	56	70	62	55	67	60	54
5	64	55	48	62	54	48	60	53	47
6	57	48	42	56	48	42	55	47	41
7	52	43	37	51	43	37	50	42	37
8	48	39	33	47	39	33	46	39	33
9	44	36	30	43	35	30	42	35	30
10	40	32	27	40	32	27	39	32	27

Mounting Height	Initial FC Center Beam	50% beam - 63.4° Diameter	FC	10% beam - 107.4° Diameter	FC
8.0	11.0	6.6	5.5	15.0	1.2
10.0	6.2	9.3	3.1	20.4	0.6
12.0	3.9	11.7	1.9	25.9	0.4
14.0	2.6	14.2	1.3	31.3	0.3
16.0	1.9	16.7	1.0	35.2	0.2

WF6 LL LED 50K, 5000K LEDs, input watts: 12, delivered lumens: 968, LM/W=80, test no. ISF 35159



Ave	Lumens
0 360	
5 359	35
15 354	100
25 323	148
35 278	173
45 222	171
55 166	147
65 110	104
75 61	64
85 18	20
90 0	

Zone	Lumens	% Lamp
0° - 30°	283.1	29.2
0° - 40°	458.4	47.1
0° - 60°	778.2	80.6
0° - 90°	968.9	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°	968.8	*100.0
*Efficiency		

pf	20%								
pc	80%			70%			50%		
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	104	100	96	102	98	94	98	94	91
2	91	84	79	89	83	78	86	80	76
3	80	72	66	79	71	65	76	69	64
4	71	63	56	70	62	55	67	60	55
5	64	55	49	63	54	48	61	53	48
6	58	49	42	57	48	42	55	47	42
7	52	44	38	51	43	37	50	43	37
8	48	39	34	47	39	33	46	38	33
9	44	36	30	43	35	30	42	35	30
10	41	33	28	40	33	27	39	32	27

Mounting Height	Initial FC Center Beam	50% beam - 62.6° Diameter	FC	10% beam - 108.8° Diameter	FC
8.0	12.2	6.7	5.1	14.5	1.2
10.0	6.5	9.1	3.3	20.2	0.7
12.0	4.1	11.6	2.0	25.8	0.4
14.0	2.8	14.0	1.4	31.0	0.3
16.0	2.0	16.4	1.0	35.3	0.2

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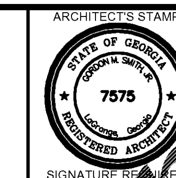
ARCHITECT'S STAMP



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208 WEST HARALSON STREET
LAGRANGE, GEORGIA 30240
706-882-5511 www.SDGarch.net

REVISIONS

△	DATE	DESCRIPTION

PROJECT:

VERNON ROAD FIRE STATION

VERNON ROAD
LAGRANGE GEORGIA

TITLE:

LIGHTING FIXTURE CUT-SHEETS

MODIFIED DATE:	JOB NO: 1731
ISSUED DATE: FOR BID AND PERMIT 07 MAY 2018	SHEET: E-11