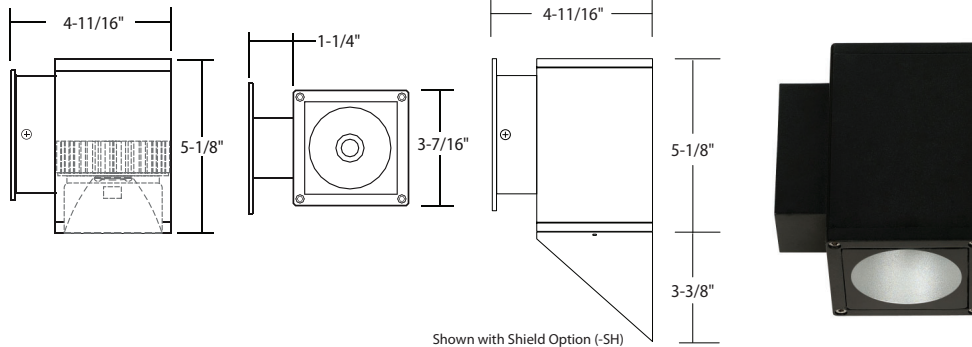


WD1Q340: 4" SQUARE 1-DIRECTION WALL MOUNT (IP65) 1000LM/1500LM (10W/15W)



Now with Integral Emergency Option!

- Uniform, low glare illumination
- Durable, corrosion resistant finish
- Singular COB Light Source
- 5-Year Limited Warranty
- 9 Ft Mtg Ht. 20 Ft O.C. Spacing (800 Lumen Package)
- 18 Ft Mtg Ht. 20 Ft O.C. Spacing (800 Lumen Package)
- UniDim™ option dimming with 2-Wire Incandescent, 3-Wire, ELV or 0-10V Controls
- Photocell available
- Available with Type IV/Forward Throw Optics



ORDERING : WD1Q340W-B02UE-DUN-T17-LVR

WD1Q340

Fixture	Finish	Lumen	Optics	Dimming	Emergency Options	LED	Options
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Finish

White (RAL 9003)	W
Silver (RAL 7037)	S
Basic Bronze (RAL 8019)	BZ
Black (RAL 9005)	B
Light Silver (RAL 7036)	LS ²
Dark Grey (RAL 7015)	DG ²
Metallic Gold (RAL 1001)	MG ²
Metallic Black (RAL 7021)	MB ²

Lumen¹

1000lm (10W)	Blank
1500lm (15W)	-L13

Optics

<i>Standard Beams</i>	
Wide Flood	Blank
Narrow Spot	-B10
Spot	-B20
Flood	-B45
<i>CleanBeam™ Option</i>	
10° Pencil Beam	-CB10
15°	-CB15
35°	-CB35
<i>Specialty Beams</i>	
Wall Wash	-WW
Forward Throw (Type IV)	-IV
Type II/VS (30° x 60°)	-BII

Dimming

Non-Dimming (120V)	Blank
ELV and Triac (120V)	-DIN ⁴
0-10V (120V/277V)	UE-D10 ⁴
UniDim™ (120V/277V)	UE-DUN ⁴
0-10V 1% Dimming (120V)	-D10P1
347V 0-10V Dimming	347-D10

Emergency Options

Remote	-EMAC
BackPack (Side Mount)	-EMB-SD
BackPack (Face Mount)	-EMB-FC
BackPack (Empty)	-EMB-BLANK ⁸

LED

4000K (90 CRI)	Blank
2700K (90 CRI)	-T27
2700K (97 CRI)	-T27-C97 ⁷
3000K (90 CRI)	-T30
3000K (97 CRI)	-T30-C97 ⁷
3500K (90 CRI)	-T35
5000K (80 CRI)	-T50
RGB+W Control (24VDC)	-RGBWV24 [*]

Options

None	Blank
Black Hexcell Louver	-LVR
Cold Weather Start	-CW ³
Surge Protector	-SRG
Photocell Sensor	-SDL
Glare Shield	-SH



¹ (Blank) 850lm (15W) color temperature is 80CRI minimum.
² Special Order. Minimum order, extended lead time may apply. Consult factory.
 (Finish options 50 piece minimum. 10-12 week lead time).
³ CW Starting Temperature -30°C/-22°F; see page 6.
⁴ Standard Driver starting Temp. -10°C/14°F; see page 6.
⁶ See LED selection and necessary special provision for certain CRI selection.
⁷ Special Order. Minimum order, extended lead time may apply. Consult factory.

⁸ Blank EM enclosure available for Non-EM units to provide a seamless design aesthetic when EM enabled products are installed.

^{*} Remote Power Supplies and Control Gear Required, Available with Wireless Bluetooth or DMX Control. Consult Factory for Details.

COMPLEMENTARY ITEMS (Click for more Information)



2-DIRECTION WALL

ADJUSTABLE WALL

CEILING MOUNT

SPECIFICATION

Application

This WD1 series single direction wall mount luminaire can be used for both interior and outdoor locations. The single reflector design can be used for direct illumination downward or indirect illumination upward for new construction or retrofit installations. Typical locations are in residential, commercial, and architectural facades and retail spaces that contain walls and/or columns.

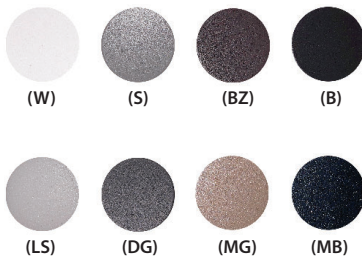
Housing/Arm

Housing and Arm are constructed of one piece rectilinear high grade aluminum extrusions (Alloy 6061<.04% Cu). Faceplate (with flush mounted tempered glass lens) and end caps are of a robust die cast aluminum alloy and are secured to the housing with (4) socket head tamper resistant stainless steel screws and seal the housing (top and bottom) using silicone gaskets. An aluminum alloy mounting plate with a U-bracket installs onto an electrical junction box and secures into the arm with two (2) flat head countersunk phillips head stainless steel screws.

Mounting:

The 4-1/4" square mounting plate with U-bracket installs onto a 3-1/2" or 4" octagonal electrical junction box. For other junction box sizes see installation instructions.

Finish:



A 7-stage electrostatic, polymer process provides an outdoor textured powder coat finish that delivers outstanding durability, superior anti-aging, resistance to corrosion and UV-degradation. Consult factory for Custom Color. (More Information)

Standard Finishes:

White: RAL 9003 (W)
Silver: RAL 7037 (S)
Basic Bronze: RAL 8019 (BZ)
Black: RAL 9005 (B)

Special Order Finishes:

Light Silver: RAL 7036 (LS)
Dark Gray: RAL 7015 (DG)
Metallic Gold: RAL 1001 (MG)
Metallic Black: RAL 7021 (MB)

Certifications and Listings:



ETL / cETL Listed to UL1598 and UL8750 standards.

Suitable wet locations. (IP65)

Assembled in USA.

IK08 rated for impact resistance.

SPECIFICATION (Continued)

Caution:

LITON recommends use of surge protectors on the power entering LED Housings.
Surge damage is not covered by warranty.

Warranty

Covered by a 5-Year Warranty to be free of defects in materials and craftsmanship.
Fixture should not be installed in applications with ambient temperature above 50°C/122°F.
Doing so will result in reduced lamp life and voided warranty.

Optics

Multifaceted aluminum reflector produces low glare illumination with e light control options.

Standard Beam:

Used for maximum light output and visible field angle.

CleanBeam™:

Used for a direct uniform light output with minimized field angle and to enhance building aesthetics.

LED

COB (Chip on Board) singular LED light source provides for smooth, uniform light output, eliminating the multiple imaging produced by multiple LED source optics.

Lumen Maintenance:

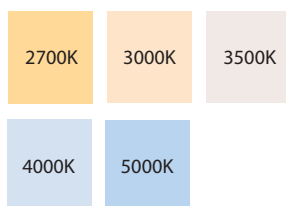
Lumen Maintenance is a minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Lumen Options (Nominal):

1000lm (10W)
1500lm (15W) (-L13)

Color Temperature:

Binned with 4-step MacAdam ellipses as per ANSI Standard recommendation.



COLOR TEMP:	2700K	3000K	3500K	4000K	5000K
CRI:	90, 97	90, 97	90	90	80

RGB+W:

15W RGBW LED Module Illuminates surfaces up to 10 feet away. Used for applications desiring a dynamic color changing effect. RGB+W design allows fine-tuned pastel colors and saturated hues without sacrificing illumination brightness. Can be set for static colors or dynamic shows. Multiple control options available with either Wireless Bluetooth control or DMX 512 remote mounted decoders.



On-site commissioning and programming available.

Consult Factory for Layout Assistance and Lead Times.

SPECIFICATION (Continued)

Emergency Options

When AC power fails, provides 90 minutes of power to the luminaire. In the event of a power failure, the LED Emergency backup switches to the emergency mode and operates the existing fixture for 90 minutes. The unit contains a battery, charger, and converter circuit in a single enclosure.

*Not for use with -CW (Cold Weather) option. Consult factory.

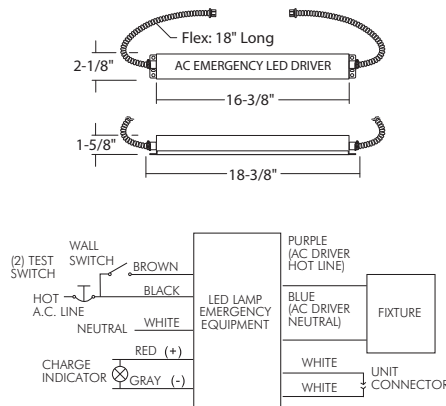
Remote Emergency Back Up (-EMAC):

For installation away from the surface of the building in remote hidden location.

- Hidden Emergency Equipment
- Must be installed in Dry Locations

Not rated for outdoor mounting.

Damp location rated.



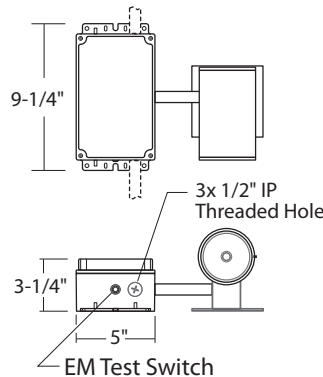
Output Power:	25 Watts (Max)
Input Power:	6 Watts (Max)
Emergency Operation:	≥90 minutes
Operating temp:	0°C/32°F to 50°C/122°F
Input Voltage:	100-277 VAC, 50-60Hz
Battery:	High Temp Nickel-Cadmium 48 Hour Recharge 7-10 Year Life Expectancy
Charge Time:	24 hours
Max Distance:	25'
Weight:	3 lbs.
Warranty:	2-year
Surge Protection:	None

SPECIFICATION (Continued)

BackPack Side Mount (-EMB-FC):

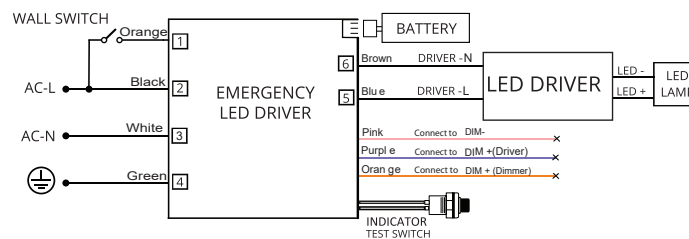
Eliminates need for long runs back to remote emergency battery location. Installs directly on building surface. Ideal for locations wanting same mounting aesthetics for Emergency and Non-Emergency fixtures without the use of remote Emergency power. Can be fed from recessed wall mounted junction box from the back of fixture or surface conduit from side of fixture.

- Wet location rated.
- 120V-347V operation.
- Self diagnostic.
- Integral surge protector for emergency driver only.
- Includes (2) 1/2" NPT knock-outs.
- Optional -EMB-BLANK can be used to maintain a common aesthetic when -EMB-FC are used.

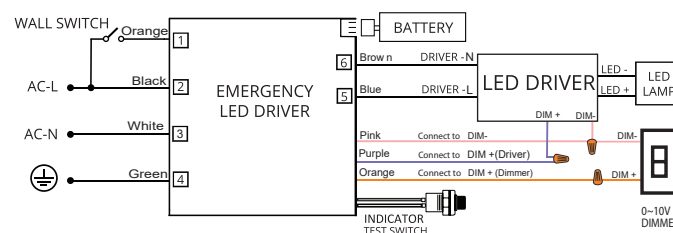


Output Power:	18 Watts (Max)
Input Power:	7 Watts (Max)
Emergency Operation:	≥90 minutes
Operating temp:	0°C/32°F to 50°C/122°F
Input Voltage:	120V-347 VAC
Battery:	Recyclable lithium battery 24 Hour Recharge 7-10 Year Life Expectancy
Charge Time:	24 hours
Max Distance:	25'
Weight:	3-3/4 lbs.
Warranty:	5-year
Surge Protection:	Integral 3,000V
Self-diagnostic testing:	Monthly 30 sec. test, Yearly 90 min. test to verify proper emergency operation per life safety code requirements.

(<18W)



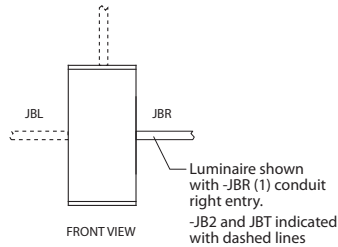
(18W-200W)



SPECIFICATION (Continued)

Additional Options

Optional J-Box (Direct Conduit Entry):



For use with mounting locations without a recessed junction box.
Allows for direct mounting to building surface.

Configure as:

-JBL, -JBR: (1) conduit entry from left or right looking at fixture

Hexcell Louver (-LVR):



3 mm /.125" (size of the cells) - matte black finish, 45° glare cutoff, unframed.

Photocell (/SDL):



Allows for energy savings when illumination is not need during between dawn to dusks. Cuts off power to LED's during day time or in illuminated environments.

Voltage: 120V, 277V

Power Consumption .5W

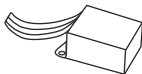
On/Off Levels: On @ 0-2fc / Off @ 2fc or more

Warranty: 2-Year / 5,000 Cycles

Sensor Size: 3/8"

Rating: UL/cUL

Surge Suppressor (/SRG):



Protects driver against surges in line voltage/current (20KV, 1.2/50μS & 10KA, 8/20μS).

Provides a positive indication of end-of-life by opening voltage to the load.

Surge suppressor is a perishable device requiring periodic replacement.

Not a warrantied item.



SPECIFICATION (Continued)

Electrical

LED Driver: AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted.
Power Factor > 0.90. See Dimming Section for voltage and wiring.

-10 ° C/14 ° F Starting Temp

-30 ° C/-22 ° F Starting Temp

* For cold weather application add -CW option.

Dimming Options

ELV and TRIAC Driver 120V (-DIN):

Compatible with electronic low voltage, and 2-Wire incandescent dimmers. Also known as leading edge, Reverse Phase, Forward Phase dimming. Allows smooth dimming down to 5% depending upon the dimmer's limitations.

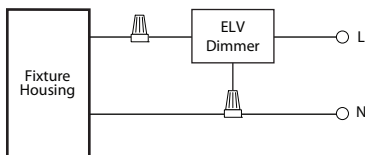
0-10V Driver 120V/277V (UE-D10):

Compatible with most existing 0-10V systems. Also known as fluorescent or 5-Wire dimming. Allows smooth dimming down to 5% depending upon the dimmer's limitations. Compatible with daylight harvesting controls.

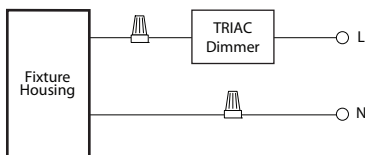
UniDim™ Driver 120V/277V (UE-DUN):

All in one ELV and TRIAC phase dimming (120V only), and 0-10V dimming (120V/277V). Works with most 3-Wire ELV, 2-Wire incandescent and 120V/277V 5-Wire 0-10V fluorescent dimmers.

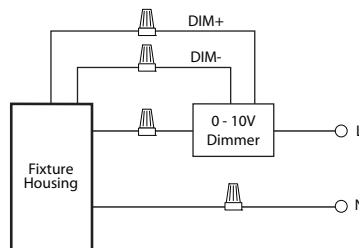
Incandescent/Phase Wiring
ELV



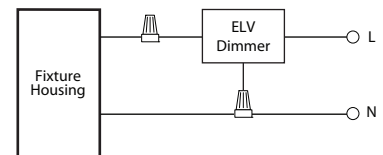
TRIAC



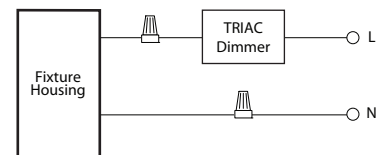
0 - 10V Wiring



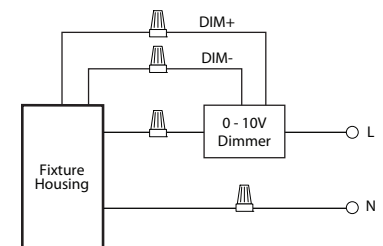
Incandescent/Phase Wiring
ELV



TRIAC



0 - 10V Wiring

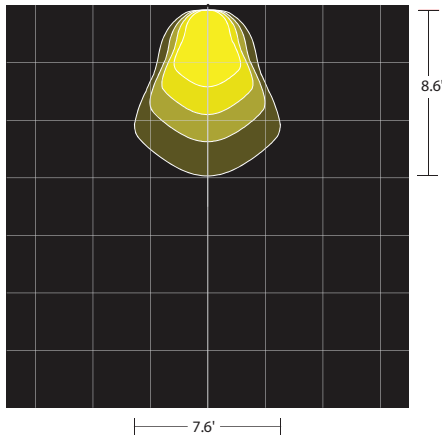


WD1Q340 (L15) PHOTOMETRY

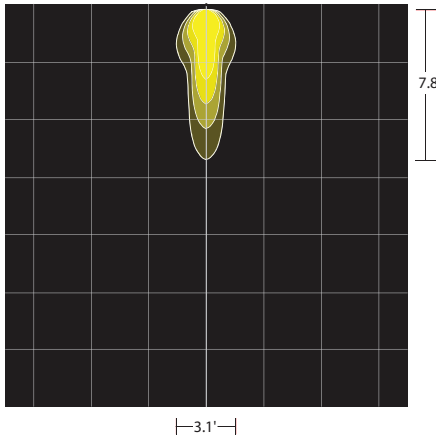
Footcandles On Wall

■ .5 fc ■ 1.0 fc ■ 2.0 fc ■ 5.0 fc

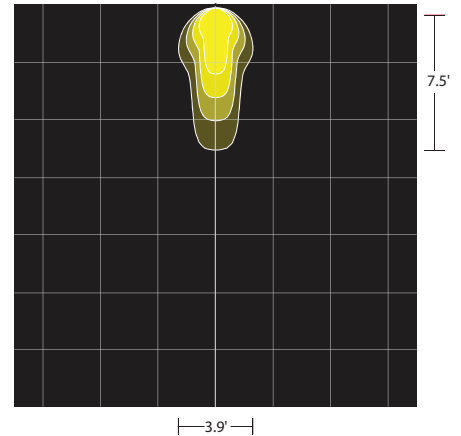
STANDARD BEAM – Wide Flood (Blank)
3 ft Grid



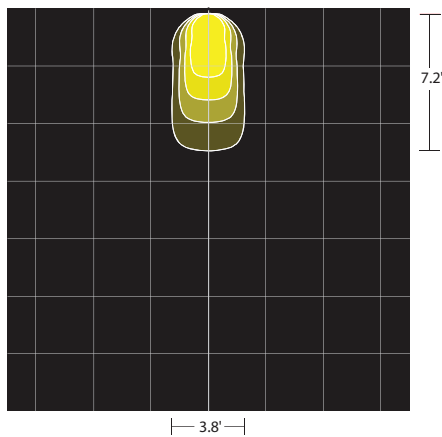
CLEANBEAM™ – (-B02)
3 ft Grid



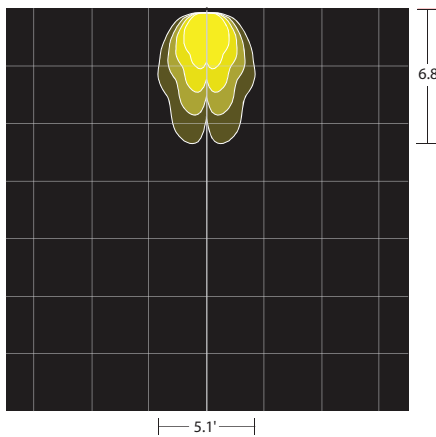
CLEANBEAM™ – (-CB20)
3 ft Grid



CLEANBEAM™ – (-CB35)
3 ft Grid



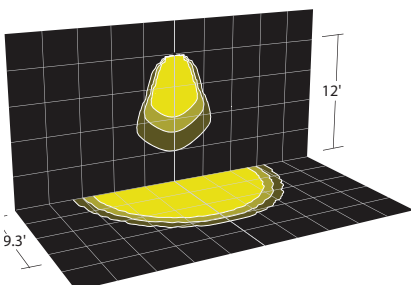
SPECIALTY BEAM – Wall Wash (-BWW)
3 ft Grid



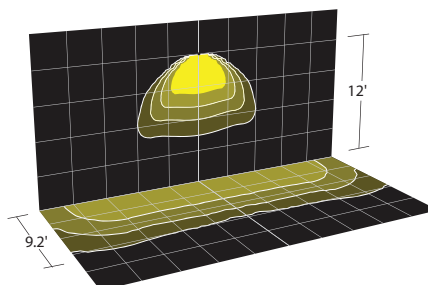
FOOTCANDLES ON WALL AND GROUND

■ .5 fc ■ 1.0 fc ■ 2.0 fc ■ 5.0 fc

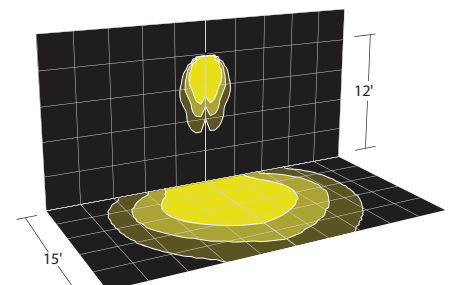
STANDARD BEAM – Wide Flood (Blank)
3 ft Grid



SPECIALTY BEAM – Type II (-BII)
3 ft Grid



SPECIALTY BEAM – Type IV (-BIV)
3 ft Grid

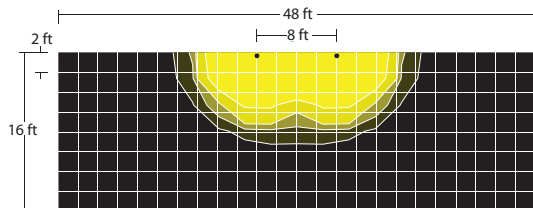


PHOTOMETRY – WD1Q340 (L15) (Cont.)

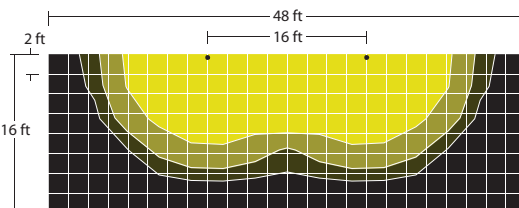
Footcandles On Ground (2 - Fixture Overlap)

■ .5 fc ■ 1.0 fc ■ 2.0 fc ■ 5.0 fc

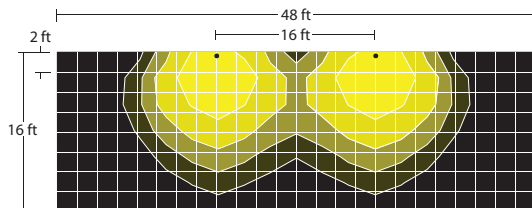
STANDARD BEAM – WIDE FLOOD 8 ft Mtg Ht



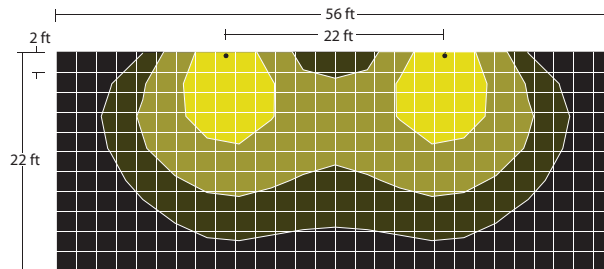
STANDARD BEAM – WIDE FLOOD 16 ft Mtg Ht



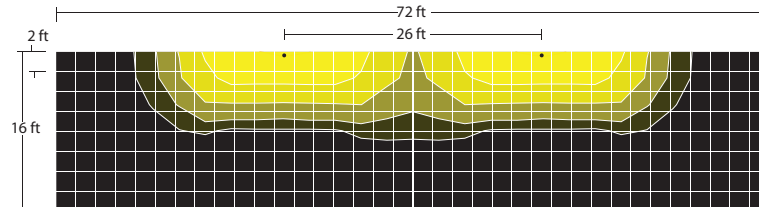
SPECIALTY BEAM – TYPE IV (-BIV) 8 ft Mtg Ht



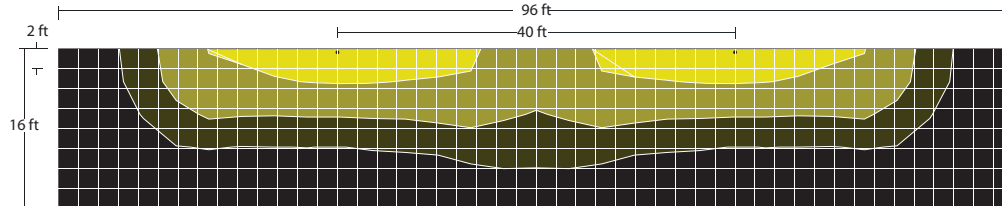
SPECIALTY BEAM – TYPE IV (-BIV) 16 ft Mtg Ht



SPECIALTY BEAM – TYPE II (-BII) 8 ft Mtg Ht



SPECIALTY BEAM – TYPE II (-BII) 16 ft Mtg Ht



WD1Q340 : 4" SQUARE 1-DIRECTION

WALL MOUNT (IP65) 1000LM/1500LM (10W/15W)

LUMEN OUTPUT / LPW /BUG RATING

LM	W	Beam Spread	-T27 (2700K, 90 CRI)						-T30 (3000K, 90 CRI)						-T35 (3500K, 90 CRI)						Blank (4000K, 90 CRI)						-T50 (5000K, 80 CRI)					
			LM	LPW	cd	B	U	G	LM	L/W	cd	B	U	G	LM	LPW	cd	B	U	G	LM	LPW	cd	B	U	G	LM	LPW	cd	B	U	G
1000 lm	13.9	Wide FL	594	43	788	1	0	0	841	60	821	1	0	0	852	61	832	1	0	0	854	61	834	1	0	0	1018	73	994	1	0	0
		-B02	175	13	569	0	0	0	250	18	593	0	0	0	254	18	601	0	0	0	254	18	602	0	0	0	303	22	717	0	0	0
		-CB20	284	20	660	1	0	0	406	29	687	1	0	0	411	30	697	1	0	0	412	30	698	1	0	0	491	35	832	1	0	0
		-CB35	360	26	598	1	0	0	513	37	622	1	0	0	520	37	631	1	0	0	521	37	632	1	0	0	621	45	753	1	0	0
		-B10	750	54	11642	1	0	0	1070	77	12120	1	0	0	1085	78	12290	1	0	0	1087	78	12313	1	0	0	1295	93	14674	1	0	0
		-B20	682	49	4355	1	0	0	1043	75	4534	1	0	0	1058	76	4597	1	0	0	1060	76	4606	1	0	0	1263	91	5489	1	0	0
		-B45	755	54	1913	1	0	0	1026	74	1991	1	0	0	1040	75	2019	1	0	0	1042	75	2023	1	0	0	1242	89	2411	1	0	0
		-BII	694	50	754	2	0	0	989	71	784	2	0	0	1003	72	795	2	0	0	1005	72	797	2	0	0	1198	86	950	2	0	0
		-BWW	596	43	703	1	0	0	850	61	732	1	0	0	862	62	743	1	0	0	864	62	744	1	0	0	1030	74	887	1	0	0
-L15 (1500 lm)	20.6	-BIV	596	43	703	1	0	0	850	61	732	1	0	0	862	62	743	1	0	0	864	62	744	1	0	0	1030	74	887	1	0	0
		Wide FL	1440	70	1057	1	0	0	1499	73	1100	1	0	0	1520	74	1116	1	0	0	1523	74	1118	1	0	0	1815	88	1332	1	0	0
		-B02	429	21	780	1	1	0	447	22	812	1	1	0	453	22	823	1	1	0	454	22	825	1	1	0	541	26	983	1	1	0
		-CB20	691	34	902	1	0	0	719	35	939	1	0	0	729	35	952	1	0	0	731	35	954	1	0	0	871	42	1137	1	0	0
		-CB35	874	42	814	1	0	0	910	44	847	1	0	0	923	45	859	1	0	0	924	45	861	1	0	0	1102	53	1026	1	0	0
		-B10	1808	88	15548	1	0	0	1882	91	16187	1	0	0	1909	93	16414	1	0	0	1912	93	16445	1	0	0	2279	111	19598	1	0	0
		-B20	1757	85	5768	2	0	0	1830	89	6005	2	0	0	1855	90	6089	2	0	0	1859	90	6101	2	0	0	2215	108	7271	2	0	0
		-B45	1313	64	2549	2	0	0	1367	66	2654	2	0	0	1386	67	2691	2	0	0	1389	67	2696	2	0	0	1655	80	3213	2	0	0
		-BII	1686	82	1029	2	0	0	1756	85	1071	2	0	0	1780	86	1086	2	0	0	1784	87	1088	2	0	0	2126	103	1297	2	0	0
		-BWW	1131	55	748	1	0	0	1177	57	779	1	0	0	1194	58	789	1	0	0	1196	58	791	1	0	0	1423	69	941	1	0	0
		-BIV	1131	55	748	1	0	0	1177	57	779	1	0	0	1194	58	789	1	0	0	1196	58	791	1	0	0	1425	69	943	1	0	0