LED WORK LIGHT II 90W

The Altman Lighting Work Light II is the ideal solution for any space requiring a high CRI wide spectrum, dimmable work light. The small size and portability allows for placement in just about any venue. The 3000K or 5000K, 90 watt single point source allows for a true flood with soft distribution. The LED Work Light II is outfitted with on board dimming for local control or when set to full can be operated on any Phase cut or Triac dimmer.

The Work Light II can output well over 14,000 lumens and offers a high CRI and soft, even distribution of light, when coupled with the included framed diffuser.

LED Worklight II

Product Features:

- Designed as a cost effective, high impact LED work light solution
- 3000K or 5000K white, 90 CRI
- 14,000 Lumens (CCT dependent)
- Stippled reflector providing even light distribution
- Black, White or Custom finishes available
- Uniform white light distribution
- Weight: **11 lbs. (4.98 kg)**
- Convection cooled, no fans
- cETLus listed, IP20 rated for indoor use only
- Proudly Made in the USA
- On Board local dim control
- Mains Dim Compatible

- PowerCON™ in and out for daisy-chaining units - Up to 14 fixtures (20A Max) may be linked
- Five (5) year and one (1) day warranty
- No cost technical support for the life of your product
- Includes safety cable, 510 C-Clamp, color frame with diffusing gel and Powercon to Edison cable

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Made in the USA

WorkLight II Photometrics

WorkLight II 3000K

With No Diffuser

Lumens
10601

Throw Distance	10' (3.05m)	15' (4.57m)	20' (6.10m)	25' (7.62m)	30' (9.14m)	35' (10.66m)	40' (12.19m)
Illuminance (fc)	41	18	10	7	5	3	3
Illuminance (lux)	438	195	109	70	49	36	27

With Diffuser

Lumens
9255

Throw Distance	10' (3.05m)	15' (4.57m)	20' (6.10m)	25' (7.62m)	30' (9.14m)	35' (10.66m)	40' (12.19m)
Illuminance (fc)	38	17	9	6	4	3	2
Illuminance (lux)	408	181	102	65	45	33	25

WorkLight II 5000K

With No Diffuser

Lumens
14211

Throw Distance	10' (3.05m)	15' (4.57m)	20' (6.10m)	25' (7.62m)	30' (9.14m)	35' (10.66m)	40' (12.19m)
Illuminance (fc)	50	22	12	8	6	4	3
Illuminance (lux)	533	237	133	85	59	44	33

With Diffuser

Lumens
12165

Throw Distance	10' (3.05m)	15' (4.57m)	20' (6.10m)	25' (7.62m)	30' (9.14m)	35' (10.66m)	40' (12.19m)
Illuminance (fc)	49	22	12	8	5	4	3
Illuminance (lux)	525	233	131	84	58	43	33

WorkLight II 3000K Photometrics

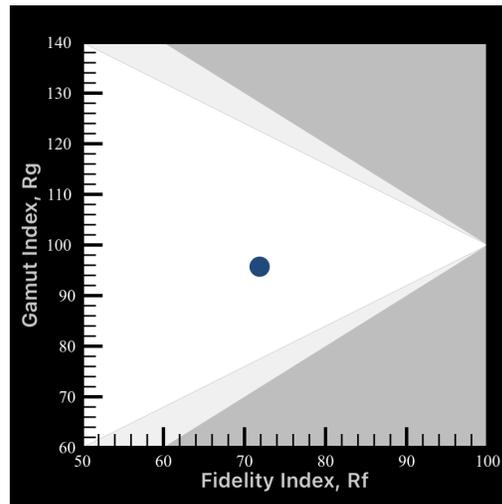| Worklight II 3000K Photometric Score Card Native Output	
CCT	3044 K
DUV	0.0019
CRI(Ra)	90
CQS	89
TLCI(Qa)	88.2
TM-30-15 Rf	89
TM-30-15 Rg	103

Re = 87
Ra = 90

R1	91
R2	91
R3	88
R4	91
R5	89
R6	86
R7	93
R8	90
R9	75
R10	77
R11	91
R12	69
R13	90
R14	93
R15	90

Rf = 89
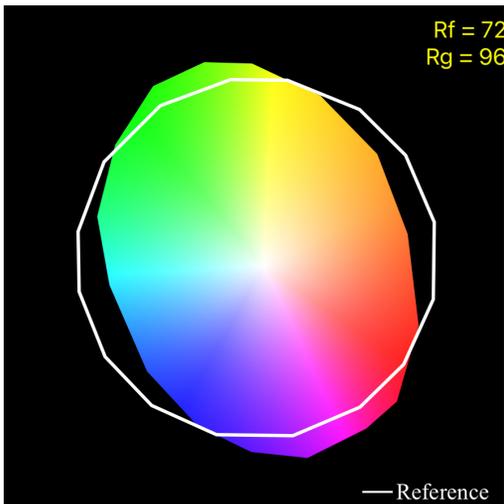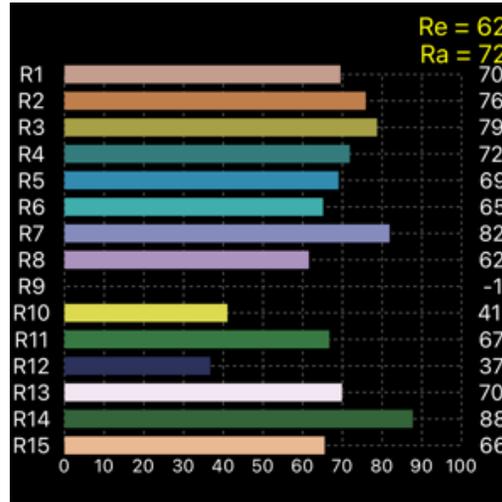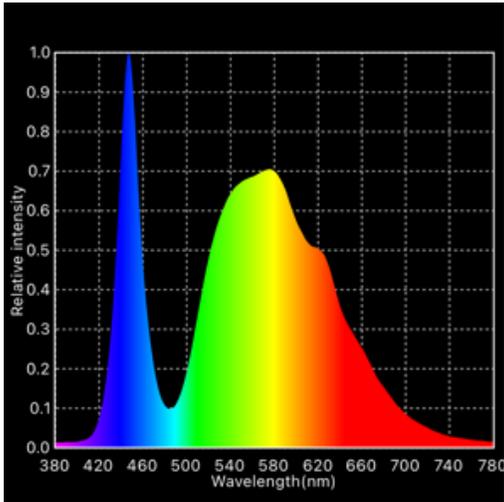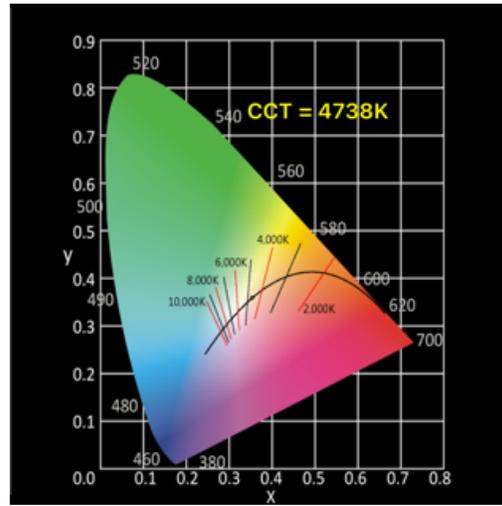Rg = 103

— Reference

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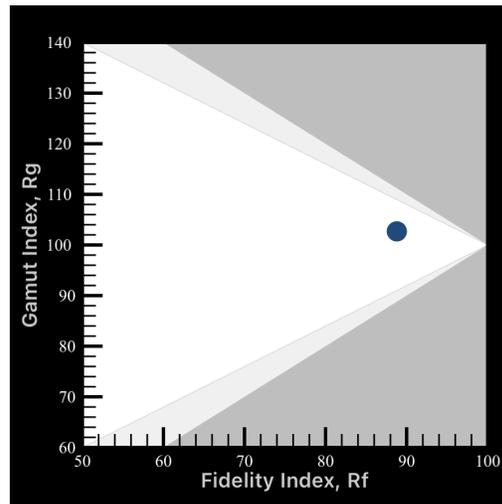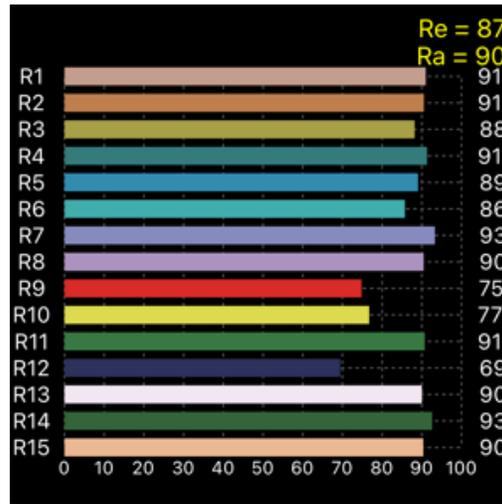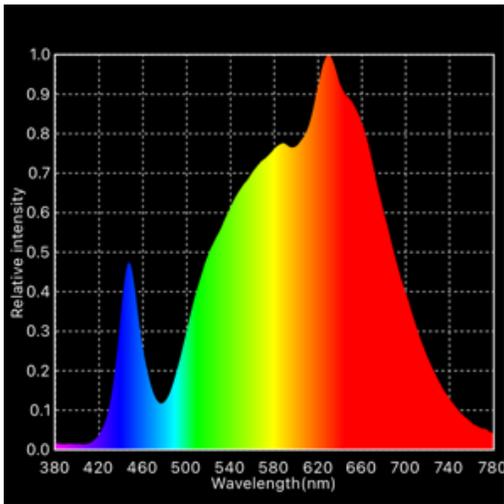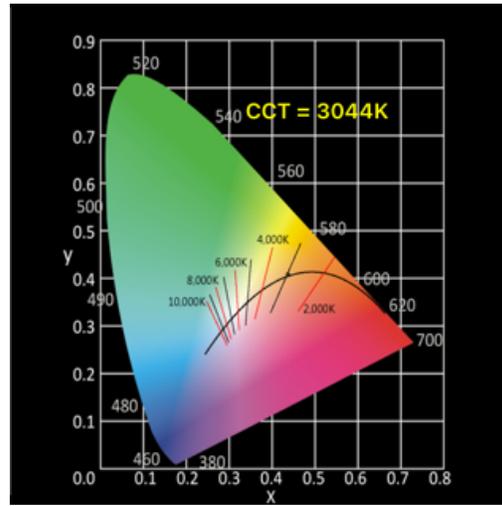
WorkLight II 5000K Photometrics

Worklight II 5000K Photometric Score Card Native Output	
CCT	4738 K
DUV	0.0011
CRI(Ra)	72
CQS	71
TLCI(Qa)	47.5
TM-30-15 Rf	72
TM-30-15 Rg	96

Re = 62
Ra = 72

R1	70
R2	76
R3	79
R4	72
R5	69
R6	65
R7	82
R8	62
R9	-13
R10	41
R11	67
R12	37
R13	70
R14	88
R15	66

Rf = 72
Rg = 96

— Reference

WorkLight II Dimensions

14.56 IN /
369 MM

Ø0.51 IN /
12 MM

8.08 IN /
205 MM

12.20 IN /
309 MM

6.08 IN /
154 MM

6.81 IN /
172 MM

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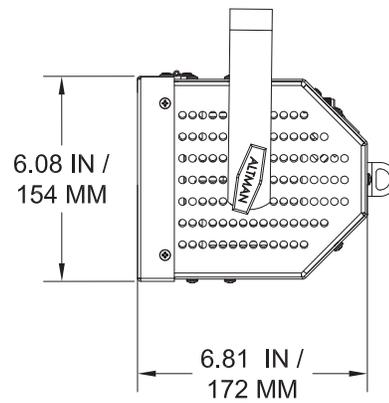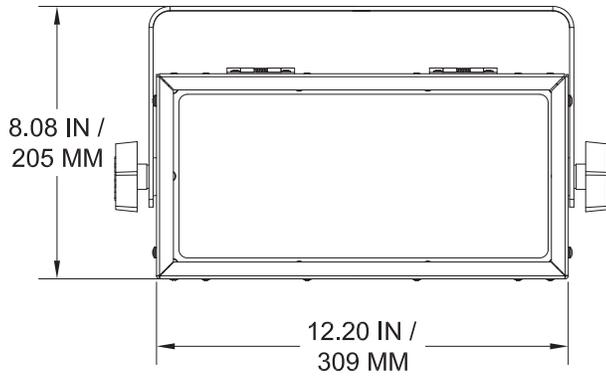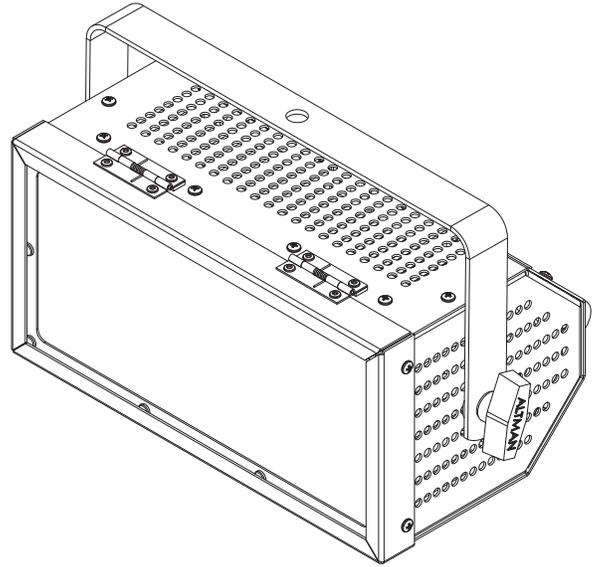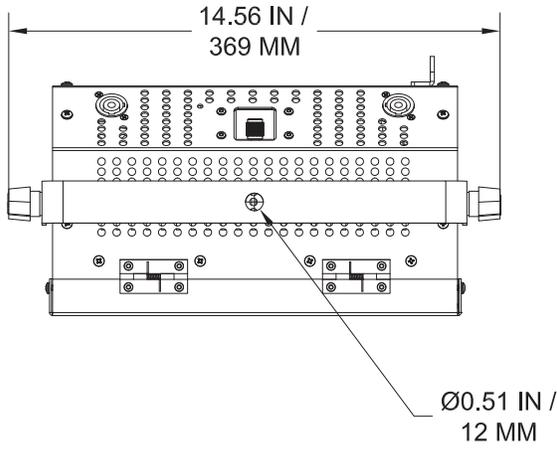
Specifications

Materials:	Corrosion-resistant materials and hardware
Housing:	Lightweight aluminum construction
Control:	Phase Cut or Triac Dimmer, or Constant power with on board local fader control.
Light Engine:	90W LED Single Source COB - Available in 3000K, or 5000K
Rated Lifespan:	Array rating >50,000 hours to L70
Input Voltage:	100-230 VAC 50/60 Hz
Wattage:	90 Watts
LED Engine Cooling:	Convection, passive
Color Options:	Black or White. Custom colors - consult factory
Environment:	0 - 40°C (32 - 104°F) with humidity of 5-95% non-condensing)
Weight:	11 lbs. (4.98 kg)*
Compliance:	cETLus listed for indoor use
Warranty:	Five (5) years and One (1) day
Support:	Supported Forever - free phone and online tech support for the life of your product.

* - Weight was taken with the 510 and Color Frame attached to the Fixture

Dimming Notes: The WL-90 is designed as a set it and forget it luminaire that employs a local dim. control and mains dim compatible power supply. When running on mains dim power please make sure that the local dim control is set to full.

The Work Light II employs dimming technology that is compatible with many dimmer types, The overall performance of the mains dim. functionality is based upon the dimmer type and its resolution. The WL II has been designed as a "set it and forget it" luminaire and has a lower dimming resolution than that of our performance mains dim. products. When both the WLII and the Altman Pegasus or Chalice are connected to the same dimmer or type they will display dissimilar dimming curves.

Ordering Information

WL-90-(LED Array)-(M)-(Body Color)

Model:	WL-90 LED Work Light
LED Array:	3K (3000K), 5K (5000K)
Control:	Mains Dim (M)
Body Color:	Black (B) or White (W) or Custom (C)***

Included Accessories

70-3259-**	Color Frame with Diffusing Gel
SC-36-BK	Safety Cable
510	Malleable Iron Pipe Clamp
PCL-PBG-12-5	5' 20A power con to Edison male

**Black (B) or White (W) or Custom (C). Consult factory for custom colors.

Optional Accessories

WL-BD-BK	Black Work Light Barn Doors
WL-BD-WH	White Work Light Barn Doors
WL-BD-CP	Custom Paint Work Light Barn Doors (Consult factory for custom colors.)
PCL-BARE-12-5	5' 20A PowerCON with Bare End Lead
PCL-2P&G-12-5	5' 20A PowerCON with 2P&G Stage Pin Connector, Male
PCL-PBG-12-5	5' 20A PowerCON with Parallel Blade U Ground (Edison)
PCL-TLG-12-5	5' 20A PowerCON with L5-20P Twist Locking Ground Connector, Male
PCTJ-12-5	5' 20A PowerCON to PowerCon Feed Thru Jumper
PCTJ-12-10	10' 20A PowerCON to PowerCon Feed Thru Jumper
PCTJ-12-15	15' 20A PowerCON to PowerCon Feed Thru Jumper
PCTJ-12-25	25' 20A PowerCON to PowerCon Feed Thru Jumper
PCTJ-COUPLER	PowerCON coupler