



LED Panel Gen2™ Series

americanlite®

We light your world™

CE



IP20	DIM 0-10V	CCT 4-6K
CRI >80	 120° Beam Angle	SDCM ≤ 6
UGR <24	1kV Surge Protector	VOLTS 120-277
PF >.90	THD <20%	 -20°~+40°C
 50,000	5 YEAR Warranty	

Americanlite® Premium LED Panels provide superior performance and pleasing aesthetics. Developed with the latest generation of solid-state components and electronic driver technologies, these panels are ideal for both new construction and renovation of existing fluorescent fixtures.

Narrow aluminum bezel is tightly held to code gauge steel back plate to protect the LEDs and optical area. Corners are seamless with a narrow angle to provide a refined finish and maximize the light emitting surface.

Light guide is constructed of acrylic with specialized features to optimize light extraction providing excellent efficiency. White frosted lens with smooth pattern provides uniform illumination as well as scratch and impact resistance. Long-Life LED system coupled with electrical driver and 1KV surge protector to deliver optimal performance. LED's available in 4000K, 5000K and 6000K with a minimum of CRI 80 and 50,000 hours.

Led Panels are optimized for shallow plenum grid ceilings but may also be surface, suspended or gypsum/drywall mounted using the optional kits.

LED Panels are an excellent lighting solution for commercial office spaces, schools, healthcare facilities and retail merchandising areas.

Ordering information

Item	Watts	Size (mm)	CCT	Lumens	Options
AL674621	36w	603x603x8.5	4000K	2800	D Dim 0-10V D2 Dim DALI 6 6500K CT CCT Selectable (4000K, 5000K, 6000K)
AL674622	36w	603x603x8.5	5000K	2800	
AL674623	36w	603x603x8.5	6000K	2800	
AL674635	36w	603x603x8.5	4000K	3600	
AL674636	36w	603x603x8.5	5000K	3600	
AL674637	36w	603x603x8.5	6000K	3600	
AL674624	40w	603x603x8.5	4000K	3200	
AL674625	40w	603x603x8.5	5000K	3200	
AL674626	40w	603x603x8.5	6000K	3200	
AL674693	40w	603x603x8.5	4000K	4000	
AL674694	40w	603x603x8.5	5000K	4000	
AL674695	40w	603x603x8.5	6000K	4000	
AL674615	40w	303x1213x8.5	4000K	3600	
AL674616	40w	303x1213x8.5	5000K	3600	
AL674617	40w	303x1213x8.5	6000K	3600	
AL674696	40w	303x1213x8.5	4000K	4000	
AL674697	40w	303x1213x8.5	5000K	4000	
AL674698	40w	303x1213x8.5	6000K	4000	
AL674627	60w	603x1213x8.5	4000K	4800	
AL674628	60w	603x1213x8.5	5000K	4800	
AL674629	60w	603x1213x8.5	6000K	4800	

Accessories

Frame for Surface Mount	
AL674604	2 x 2
AL674605	1 x 4
AL674606	2 x 4

Drywall/Gypsum Ceiling Mount	
AL674602	Panels 2 x 2 (4 Clips)
AL674603	Panels 1 x 4 and 2 x 4 (6 Clips)

Hanging kit	
AL674600	2 x 2
AL674601	1 x 4 and 2 x 4
Stainless steel cable 80cm each	

Packing information

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2	10	67 x 71 x 32	0.1522	24
1x4	10	128 x 38 x 32	0.1556	24.2
2x4	6	128 x 71 x 20	0.1817	28.5

* 2 PCS per inner carton



IP20	DIM 0-10V	CCT 4-6K
CRI >70	120° Beam Angle	SDCM ≤ 6
UGR <24	1kV Surge Protector	VOLTS 120-277
PF >.90	THD <20%	Temperature -20°~+40°C
30,000 Hours	5 YEAR Warranty	

Americanlite® LED Panels provides quality performance and pleasing aesthetics. Developed with the latest generation of solid-state components and electronic driver technologies, these panels are ideal for both new construction and renovation of existing fluorescent fixtures.

Narrow aluminum bezel is tightly held to code gauge steel back plate to protect the LEDs and optical area. Corners are seamless with a narrow angle to provide a refined finish and maximize the light emitting surface.

Light guide is constructed of acrylic with specialized features to optimize light extraction providing excellent efficiency. White frosted lens with smooth pattern provides uniform illumination as well as scratch and impact resistance. Long-Life LED system coupled with electrical driver and 1KV surge protector to deliver optimal performance. LED's available in 4000K, 5000K and 6000K with a minimum of CRI 70 and 30,000 hours.

Led Panels are optimized for shallow plenum grid ceilings but may also be surface, suspended or gypsum/drywall mounted using the optional kits.

Ordering information

Item	Watts	Size (mm)	CCT	Lumens	Options
AL674618	36w	603x603x8.5	4000K	2520	D Dim 0-10V D2 Dim DALI 6 6500K CT CCT Selectable (4000K, 5000K, 6000K)
AL674619	36w	603x603x8.5	5000K	2520	
AL674620	36w	603x603x8.5	6000K	2520	
AL674630	40w	603x603x8.5	4000K	2800	
AL674631	40w	603x603x8.5	5000K	2800	
AL674632	40w	603x603x8.5	6000K	2800	
AL674689	40w	603x603x8.5	4000K	2920	
AL674692	40w	603x603x8.5	5000K	2920	
AL674690	40w	603x603x8.5	6000K	2920	
AL674652	40w	603x603x8.5	4000K	3200	
AL674653	40w	603x603x8.5	5000K	3200	
AL674654	40w	603x603x8.5	6000K	3200	
AL674612	40w	303x1213x8.5	4000K	2800	
AL674613	40w	303x1213x8.5	5000K	2800	
AL674614	40w	303x1213x8.5	6000K	2800	
AL674611	40w	303x1213x8.5	6000K	3200	
AL674649	65w	603x1213x8.5	4000K	4500	
AL674650	65w	603x1213x8.5	5000K	4500	
AL674651	65w	603x1213x8.5	6000K	4500	

Accessories

Frame for Surface Mount

AL674604	2 x 2
AL674605	1 x 4
AL674606	2 x 4

Drywall/Gypsum Ceiling Mount

AL674602	Panels 2 x 2 (4 Clips)
AL674603	Panels 1 x 4 and 2 x 4 (6 Clips)

Hanging kit

AL674600	2 x 2
AL674601	1 x 4 and 2 x 4
Stainless steel cable 80cm each	

Packing information

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2	10	67 x 71 x 32	0.1522	24
1x4	10	128 x 38 x 32	0.1556	24.2
2x4	6	128 x 71 x 20	0.1817	28.5

* 2 PCS per inner carton

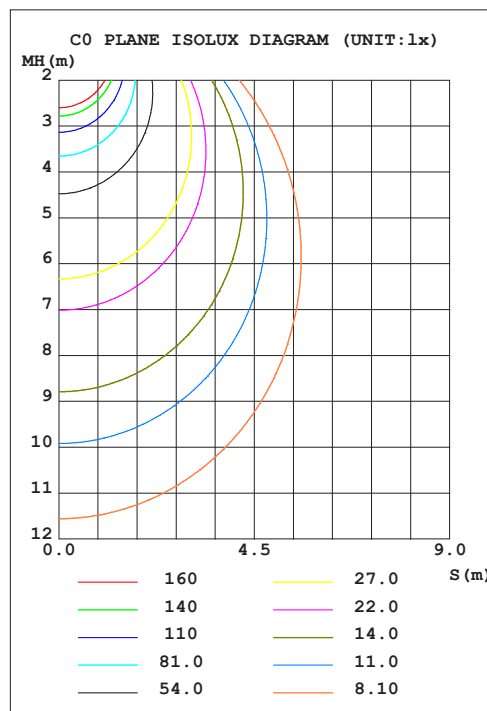
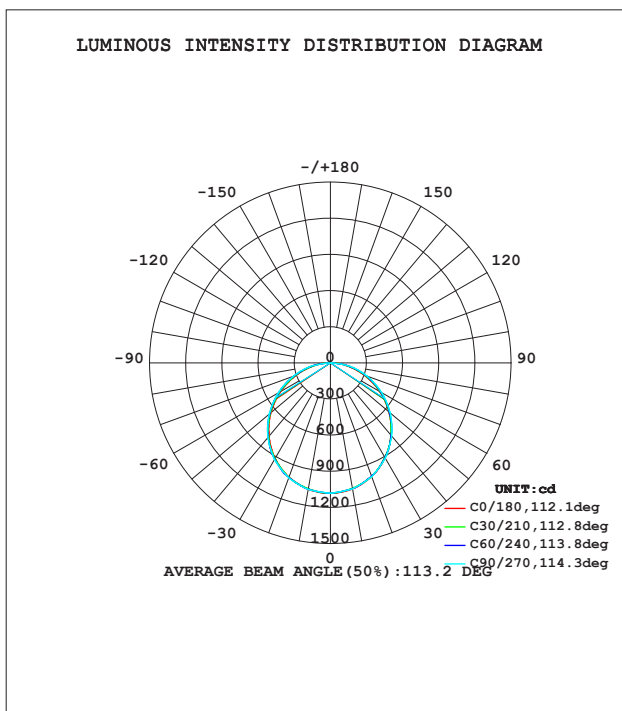


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: 2X2 36W panel 6000K RA80	TYPE:	WEIGHT:
SPEC.:	DIM.: 603*603	SERIAL No.:20180126-01
MFR.: Americanlite	SUR.:545*545	PROTECTION ANGLE:-90*90

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 81.17 lm/W
MODEL	AL674623	I _{max} (cd)	1082	S/MH (C0/180)	1.26	
NOMINAL POWER (W)	38.6	LOR (%)	100.0	S/MH (C90/270)	1.27	
RATED VOLTAGE (V)	120-277	TOTAL FLUX (lm)	3136.5	η UP, DN (C0-180)	0.0, 49.8	
NOMINAL FLUX (lm)	3136.53	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 50.2	
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	120	η down (%)	100.0	CIBSE SHR MAX	1.35	



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:jiang
 Test Date:2018-1-26

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.285
 Humidity:65.0%
 Test Distance:8.600m [K=1.0000]
 Remarks:

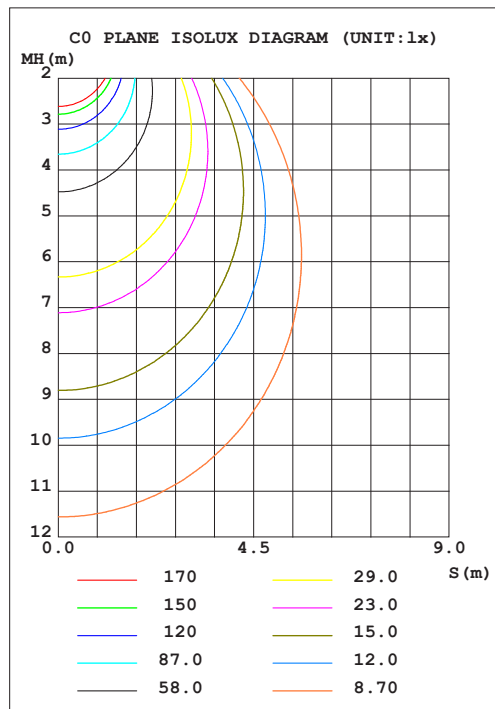
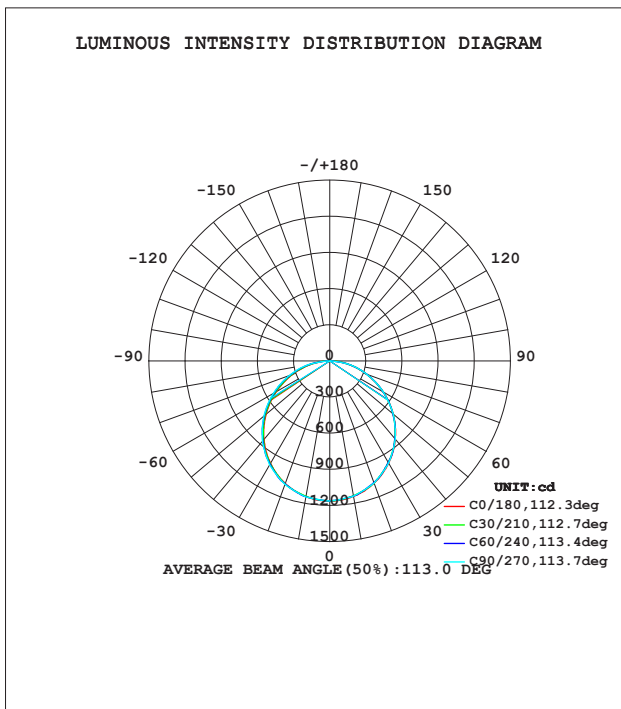


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: 2x2 40W PANEL 6000K RA80	TYPE:	WEIGHT:
SPEC.:	DIM.: 603*603	SERIAL No.:20180118-01
MFR.: Americanlite	SUR.:545*545	PROTECTION ANGLE:-90*90

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 87.11 lm/W
MODEL	AL674626	Imax (cd)	1163	S/MH (C0/180)	1.26	
NOMINAL POWER (W)	38.6	LOR (%)	100.0	S/MH (C90/270)	1.27	
RATED VOLTAGE (V)	120-277	TOTAL FLUX (lm)	3362.7	η UP, DN (C0-180)	0.0, 49.5	
NOMINAL FLUX (lm)	3362.68	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 50.5	
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	120	η down (%)	100.0	CIBSE SHR MAX	1.35	



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: jiang
 Test Date: 2018-1-18

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.285
 Humidity: 65.0%
 Test Distance: 8.600m [K=1.0000]
 Remarks:

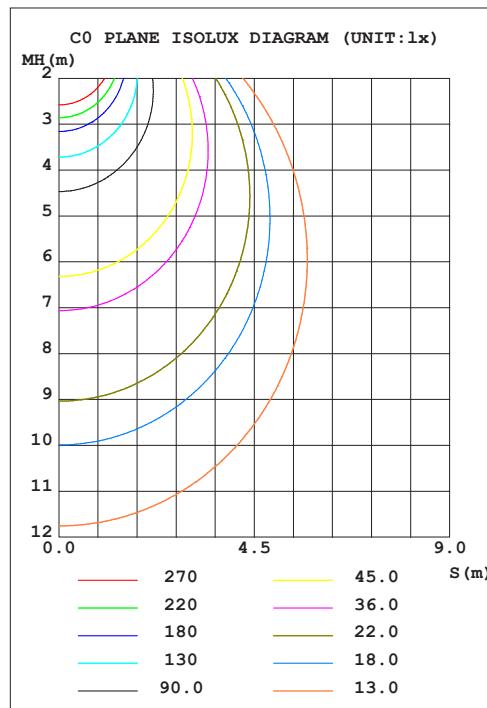
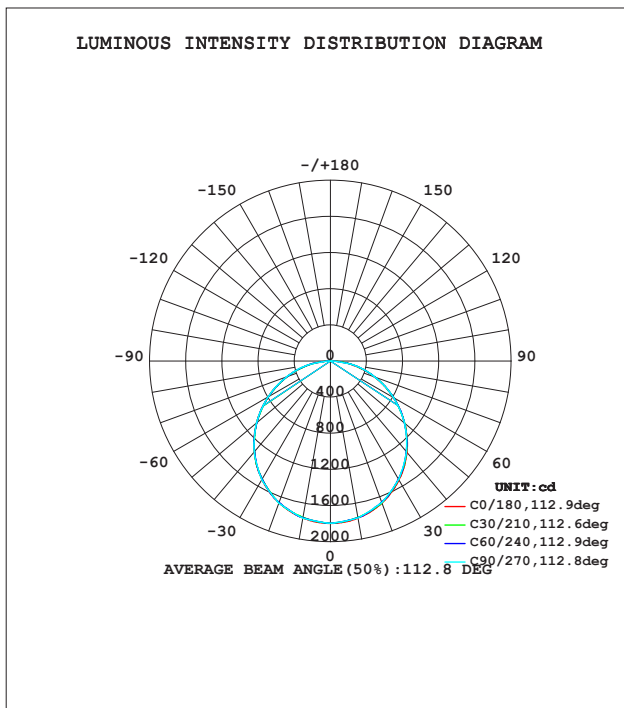


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: 2X4 60W 4800LM 6000K RA80	TYPE:	WEIGHT:
SPEC.:	DIM.: 1213*603	SERIAL No.: 20171031-01
MFR.: Americanlite	SUR.: 1145*545	PROTECTION ANGLE: -90*90

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	AL674629	Imax (cd)	1796	S/MH (C0/180)	1.25
NOMINAL POWER (W)	56.2	LOR (%)	100.0	S/MH (C90/270)	1.25
RATED VOLTAGE (V)	120-277	TOTAL FLUX (lm)	5182.6	η UP, DN (C0-180)	0.0, 50.2
NOMINAL FLUX (lm)	5182.57	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 49.8
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120	η down (%)	100.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: jiang
 Test Date: 2017-10-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.285
 Humidity: 65.0%
 Test Distance: 8.600m [K=1.0000]
 Remarks:

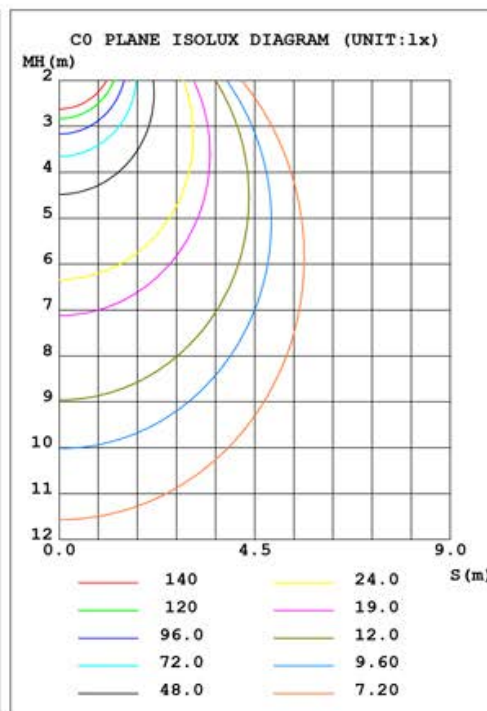
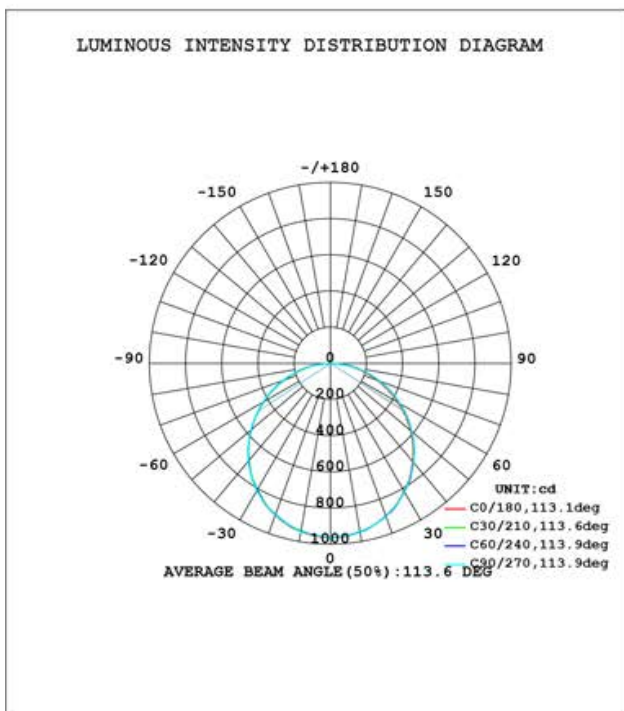


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: 1x4 40w PANEL 6000K RA70	TYPE:	WEIGHT:
SPEC.:	DIM.: 1195*295	SERIAL No.: 20171220-01
MFR.: Americanlite	SUR.: 1145*245	PROTECTION ANGLE: -90*90

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	AL674614	Imax (cd)	963.1	S/MH (C0/180)	1.25
NOMINAL POWER (W)	37.4	LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	120-277	TOTAL FLUX (lm)	2803.3	η UP, DN (C0-180)	0.0, 50.5
NOMINAL FLUX (lm)	2803.33	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 49.5
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: jiang
 Test Date: 2017-12-20

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.285
 Humidity: 65.0%
 Test Distance: 8.600m [K=1.0000]
 Remarks:

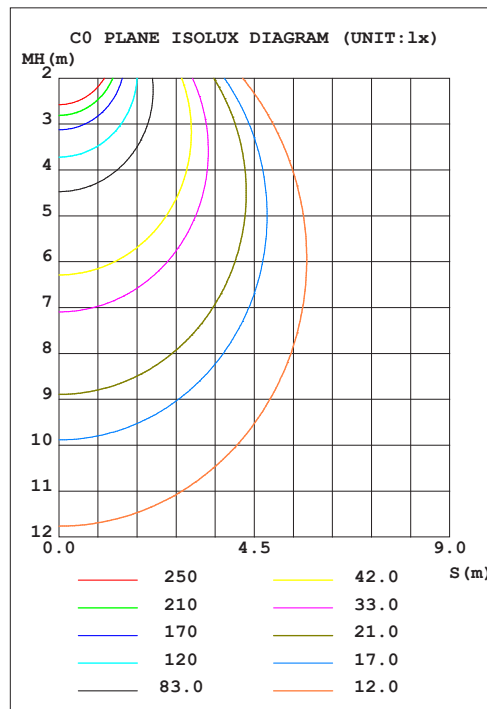
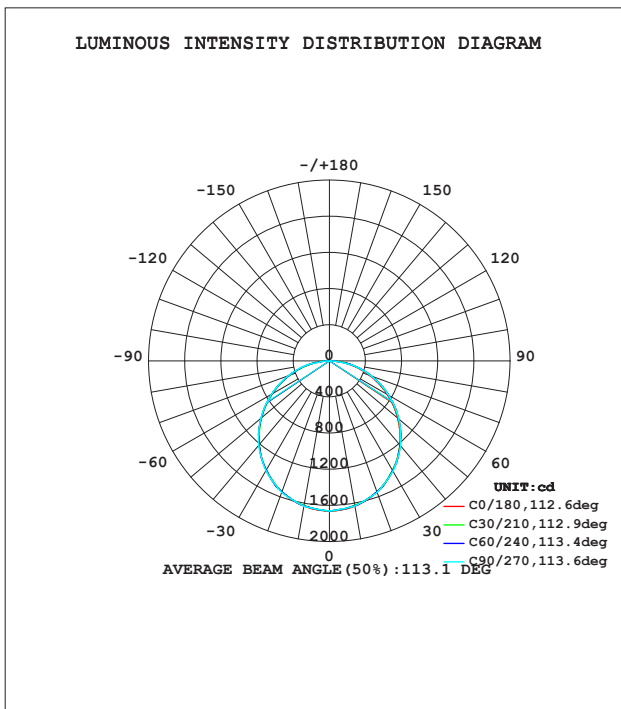


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: 2x4 65w 4500lm 5000K RA80	TYPE:	WEIGHT:
SPEC.:	DIM.: 1200*600	SERIAL No.: 20180112-01
MFR.: Americanlite	SUR.: 1145*545	PROTECTION ANGLE: -90*90

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 79.56 lm/W
MODEL	AL674650	Imax (cd)	1660	S/MH (C0/180)	1.25	
NOMINAL POWER (W)	60.4	LOR (%)	100.0	S/MH (C90/270)	1.26	
RATED VOLTAGE (V)	120-277	TOTAL FLUX (lm)	4808.4	η UP, DN (C0-180)	0.0, 50.3	
NOMINAL FLUX (lm)	4808.36	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 49.7	
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	120	η down (%)	100.0	CIBSE SHR MAX	1.35	



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: jiang
 Test Date: 2018-01-12

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.285
 Humidity: 65.0%
 Test Distance: 8.600m [K=1.0000]
 Remarks:



Warranty

Americanlite® is pleased to provide a 5 year limited warranty covering the LED panels on this catalogue. Americanlite® warrants that the LED panels comply with Americanlite®'s published specifications and are free from defects in materials and workmanship.

All our equipment is CE, ETL or UL approved and manufactured with approved components. Americanlite® reserves the right to change or improve the design or components of any of its products due to parts availability or changes in standards, without assuming any obligation to modify any product previously manufactured and without notice. All equipment is tested and inspected before shipment.

This warranty is void if the product is operated outside of its normal operating conditions. The foregoing warranty does not apply to failures caused by acts of God or as a result of any abuse, misuse, abnormal use, or use in violation of any applicable standard, code or instructions for use in installations, including, but not limited to, those contained in the Standards for the International Electrotechnical Commission. Americanlite® reserves and has the right to examine failed fixtures to determine the cause of failure, excessive lumen depreciation and patterns of usage.