



LS810/LS820/LS830 DLP Projector

Quick Start Guide



Projector Distance



Projector Expert



UG Link

<http://vsweb.us/LS810>
<http://vsweb.us/LS820>
<http://vsweb.us/LS830>

FCC Compliance Statement

This device complies with part 15 of FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Industry Canada ICES-003 Compliance: CAN ICES-3 (B)/NMB-3(B)
CE Conformity for European Countries
CE The device complies with the EMC Directive 2014/30/EU and Low Voltage Directive 2014/35/EU.

Declaration of RoHS2 Compliance

This product has been designed and manufactured in compliance with Directive 2011/65/EU of the European Parliament and the Council on restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS2 Directive) and is deemed to comply with the maximum concentration values issued by the European Technical Adaptation Committee (TAC) .

FCC 符合性声明

本设备符合 FCC 规则第 15 部分的规定。
其操作遵循下面两个条件：（1）本设备不会导致有害干扰；（2）本设备必须承受任何接收到的干扰，包括可能导致异常操作的干扰。
加拿大工业部声明： CAN ICES-3 (B)/NMB-3(B)
针对欧盟国家的 CE 符合性：
CE 此设备符合电磁兼容指令 2014/30/EU 和低电压指令 2014/35/EU 的要求。

FCC 符合性聲明

本產品符合 FCC 規定的第 15 部份。操作時有以下兩種情況：(1) 本裝置可能不會造成有害的干擾，以及 (2) 本裝置必須接受任何接收到的干擾，包括造成操作不良的干擾。
加拿大工業部聲明： CAN ICES-3 (B)/NMB-3(B)
CE 歐洲國家聲明：
CE 本裝置符合電磁相容指令（EMC Directive） 2014/30/EU 及低電壓指令（ Low Voltage Directive ） 2014/35/EU。
台灣 RoHS 符合性聲明
依檢驗標準 CNS15663 之規定將限用物質含有情況標示於表列商品之本體、包裝、標貼、或說明書。以下表格列出了產品中可能包含的有害物質的名稱和含量。

FCC 적합성 선언

본 장치는 FCC 규정 제 15 부를 준수합니다. 작동에는 다음 두 가지 조건이 적용됩니다. (1) 본 장치는 유해 간섭을 일으키지 않으며, (2) 본 장치는 원치 않는 작동을 일으킬 수 있는 간섭을 포함하여 수신된 어떠한 간섭도 수용해야 합니다.
캐나다 산업성 규정: CAN ICES-3 (B)/NMB-3(B)
CE 적합성 선언(유럽 국가의 경우):
CE 이 장치는 EMC 지침(EMC Directive) 2014/30/EU와 저전압 지침(Low Voltage Directive) 2014/35/EU를 준수합니다.
RoHS2 적합성 선언
본 제품은 전기 및 전자 기기 내 특정 유해물질의 사용에 대한 제한에 관한 유럽 의회와 이사회의 2011/65/EU 지침(RoHS2 지침)에 따라 설계 및 제조되었고, 아래와 같이 유럽 기술적합위원회(TAC)가 확정한 최대 농도 값을 준수합니다.

Declaration de conformite FCC

Cet appareil est conforme à l'article 15 des Règlements FCC. Son fonctionnement est sujet aux deux conditions suivantes: (1) Cet appareil ne doit pas provoquer d'interférences néfastes, et (2) cet appareil doit accepter toutes les interférences reçues, y compris celles pouvant provoquer un fonctionnement indésirable.



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Dichiarazione di conformità RAEE2

Questo prodotto è stato progettato e prodotto in conformità alla Direttiva 2011/65/EU del Parlamento Europeo e del Consiglio sulla restrizione dell'uso di determinate sostanze pericolose nelle apparecchiature elettriche ed elettroniche (RAEE2) ed è inteso per adeguarsi ai valori massimi di concentrazione redatti dal TAC (Technical Adaptation Committee) Europeo, come riportato di seguito.

Oświadczenie o zgodności z FCC

To urządzenie jest zgodne z częścią 15 zasad FCC. Jego działanie podlega następującym dwóm warunkom: (1) urządzenie to nie może powodować szkodliwych zakłóceń oraz (2) urządzenie to musi akceptować wszystkie odbierane zakłócenia, włącznie z zakłóceniami, które mogą powodować nieoczekiwane działanie.

Oświadczenie Industry Canada: CAN ICES-3 (B)/NMB-3(B)

Zgodność z CE dla krajów europejskich:

CE To urządzenie jest zgodne z Dyrektywą EMC 2014/30/EU i Dyrektywą niskonapięciową 2014/35/EU.

Deklaracja zgodności RoHS2

Produkt ten został zaprojektowany i wyprodukowany zgodnie z Dyrektywą 2011/65/EU Parlamentu Europejskiego i Rady Europy w sprawie ograniczenia stosowania niektórych substancji niebezpiecznych w urządzeniach elektrycznych i elektronicznych (Dyrektywa RoHS2), w związku z czym jest zgodny z podaną poniżej listą maksymalnych wartości koncentracji sporządzoną przez TAC (European Technical Adaptation Committee [Europejski Komitet Dostosowania Technicznego]).

Declaração de compatibilidade com as regras da FCC

Este dispositivo está em conformidade com a Parte 15 das Normas da FCC. A operação está sujeita a estas duas condições: (1) este dispositivo não pode ocasionar interferência prejudicial, e (2) este dispositivo deve aceitar qualquer interferência recebida, inclusive interferências que possam causar uma operação indesejada.

Declaração da indústria Canadiana: CAN ICES-3 (B)/NMB-3(B)

Conformidade com CE para países europeus

CE O dispositivo é compatível com a Diretiva de Compatibilidade Electromagnética 2014/30/EU e com a Directiva de Baixa Voltagem 2014/35/EU.

Declaração de Conformidade RoHS2

Este produto foi criado e fabricado de acordo com a diretiva europeia 2011/65/EU e do conselho sobre restrição de uso de certos tipos de substância perigosas em equipamento elétrico e eletrônico (diretiva RoHS2) bem como com os valores máximos de concentração estabelecidos pelo Comitê de Adaptação Técnica Europeia (TAC), conforme mostrado a seguir.

Соответствие требованиям Федеральной комиссии по связи США (FCC)

Данное устройство соответствует требованиям Части 15 Правил FCC. Работа должна соответствовать следующим двум условиям: (1) данные устройства не могут являться источниками вредных помех, и (2) данные устройства должны работать в условиях помех, включая те, которые могут вызывать сбои в работе.

Соответствие требованиям Министерства промышленности Канады: CAN ICES-3 (B)/NMB-3(B)

Соответствие CE для европейских стран:

CE Устройство соответствует Директиве по электромагнитной совместимости 2014/30/EU и Директиве по низкому напряжению 2014/35/EU.

Декларация про соответствие RoHS2: Данный продукт был разработан и произведен в соответствии с Директивой 2011/65/EU Европейского парламента и Совета Европы про

本產品有害物質的名稱及含量標識如下表:

部件名稱	限用物質及其化學符號					
	鉛 (Pb)	汞 (Hg)	鎘 (Cd)	六價鉻 (Cr (VI))	多溴聯苯 (PBB)	多溴聯苯醚 (PBDE)
外殼	—	○	○	○	○	○
主板	—	○	○	○	○	○
光學鏡片	—	○	○	○	○	○
燈泡	○	—	○	○	○	○
風扇	—	○	○	○	○	○
鐵件	—	○	○	○	○	○
線材	—	○	○	○	○	○
遙控器	—	○	○	○	○	○
包裝	○	○	○	○	○	○
電池	○	○	○	○	○	○
備考1. “○” 係指該項限用物質之百分比含量未超出百分比含量期基準值。 備考2. “-” 係指該項限用物質為排除項目。						

ограничение использования некоторых вредных веществ в электрическом и электронном оборудовании (Директива RoHS2), он также соответствует максимальным значениям концентрации, предложенным Техническим Комитетом Адаптации Европейской Комиссии (TAC).

Declaración de conformidad de la FCC (Comisión Federal de Comunicaciones)

Este dispositivo cumple con el Apartado 15 de las normas FCC. El funcionamiento está sujeto a las dos condiciones siguientes: (1) Este dispositivo no debe causar interferencias perjudiciales, y (2) Este dispositivo debe aceptar cualquier interferencia recibida, incluidas aquellas que provoquen un funcionamiento no deseado.

Declaración del Departamento de Industria de Canadá: CAN ICES-3 (B)/NMB-3(B)

Certificación CE para países europeos

CE Este dispositivo cumple con la Directiva EMC (Compatibilidad Electromagnética) 2014/30/EU y la Directiva de Baja Tensión 2014/35/ EU.

Declaración de Cumplimiento de RoHS2

Este producto ha sido diseñado y fabricado cumpliendo la Directiva 2011/65/EU del Parlamento Europeo y el Consejo para la restricción del uso de ciertas sustancias peligrosas en equipos eléctricos y electrónicos (Directiva RoHS2) y se considera que cumple con los valores de concentración máximos publicados por el European Technical Adaptation Committee (Comité Europeo de Adaptaciones Técnicas) (TAC) tal y como se muestra a continuación.

FCC-bestämmelser

Denna enhet efterlever del 15 i FCC-bestämmelserna. Användningen är underkastad följande två omständigheter: (1) denna enhet får inte orsaka skadlig interferens, och (2) denna enhet måste acceptera all interferens som tas emot, inklusive interferens som kan orsaka bristfällig funktion.

Uttalande från Industry Canada: CAN ICES-3 (B)/NMB-3(B)

CE-afterlevnad för europeiska länder:

CE Enheten uppfyller EMC-direktiv 2014/30/EU och lågspänningsdirektiv 2014/35/EU.

Deklaration om RoHS2-afterlevnad

Denna produkt har utformats och tillverkats i efterlevnad med direktiv 2011/65/EU från det europeiska parlamentet och rådet om restriktion av användning av vissa farliga substanser i elektrisk och elektronisk utrustning (RoHS2-direktiv) och har bedömts efterleva de maximala koncentrationvärden som utfärdats av TAC (European Technical Adaptation Committee) enligt nedan.

FCC Uygunluk Beyanı

Bu cihaz FCC Kuralları 15. Kısımına uygundur. Çalışması aşağıdaki iki duruma bağlıdır: (1) bu cihaz zararlı etkileşime sebep olamaz ve (2) bu cihaz istenmeyen çalışmaya sebep olabilecek etkileşim de dahil olmak üzere alınan herhangi bir etkileşimi kabul etmelidir.

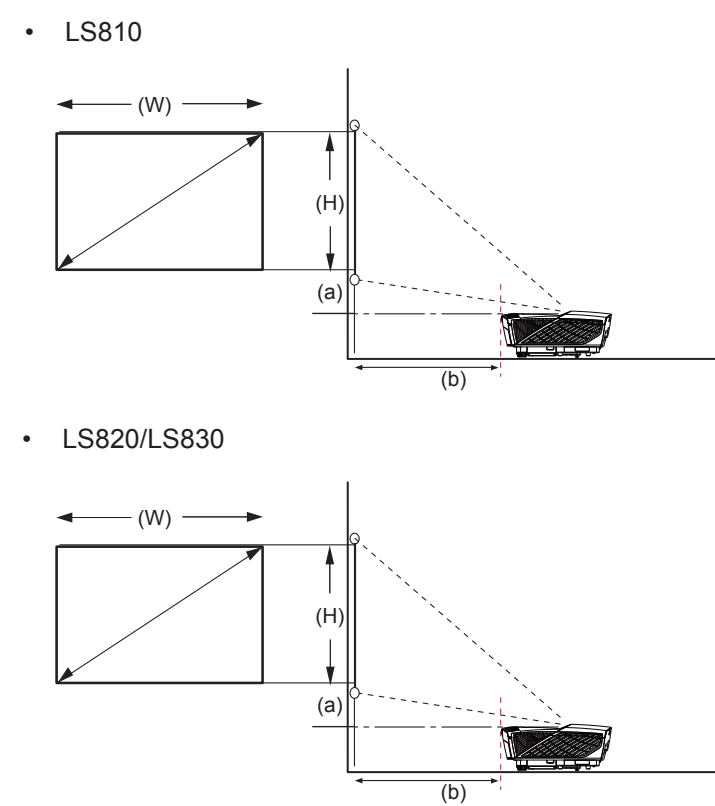
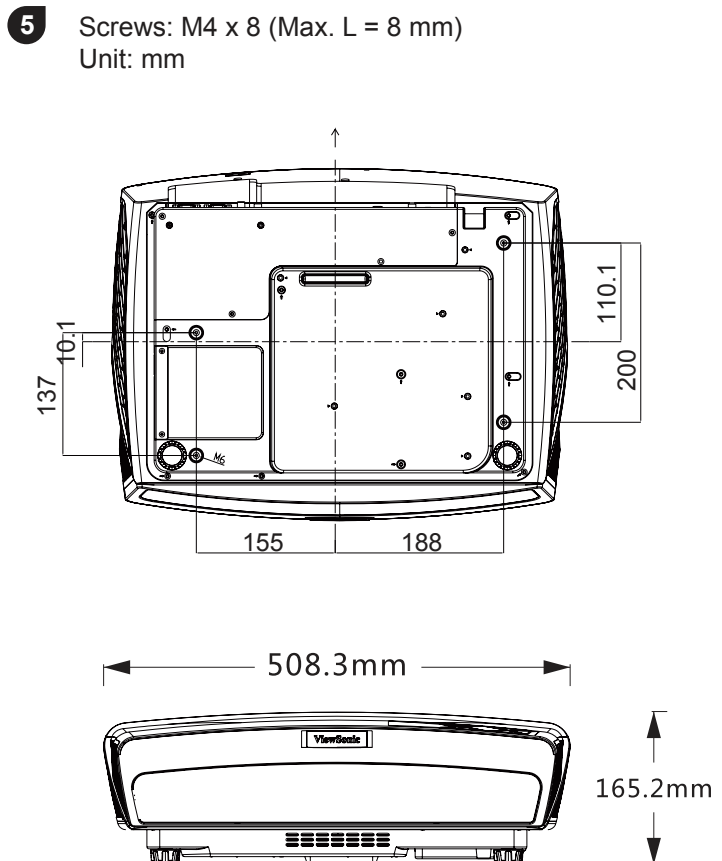
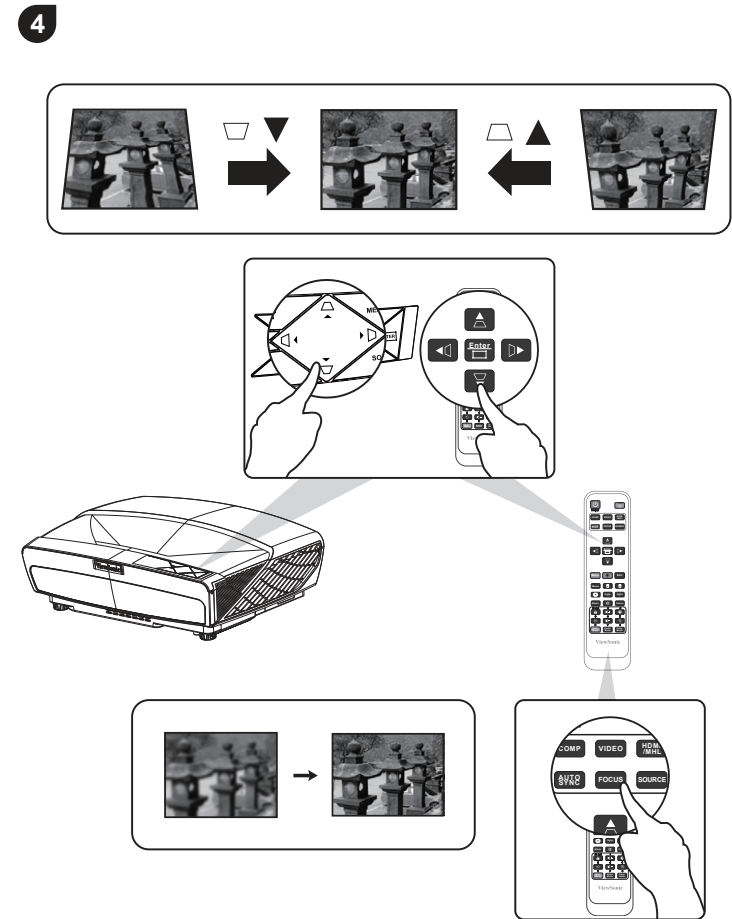
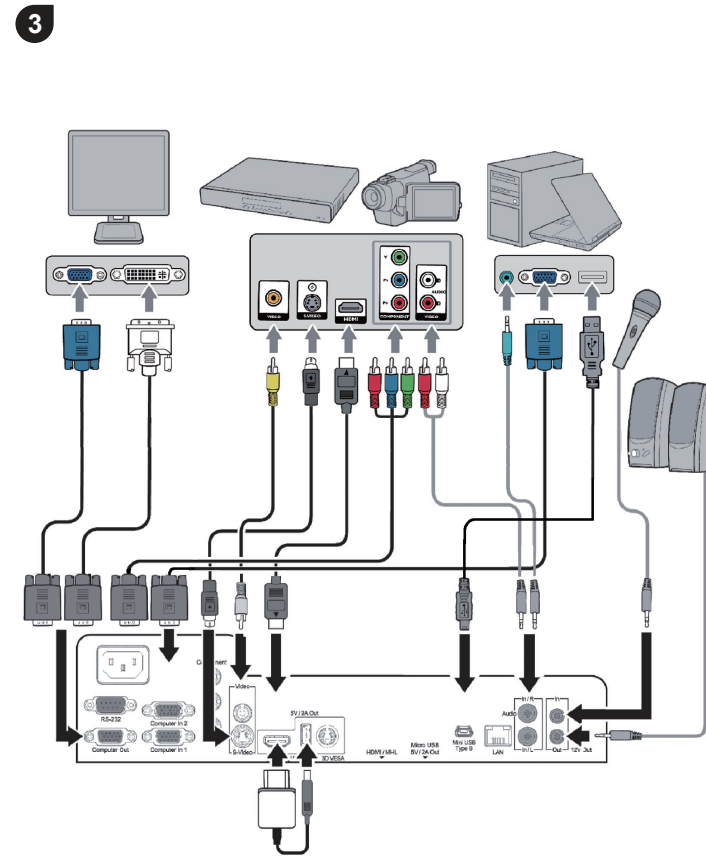
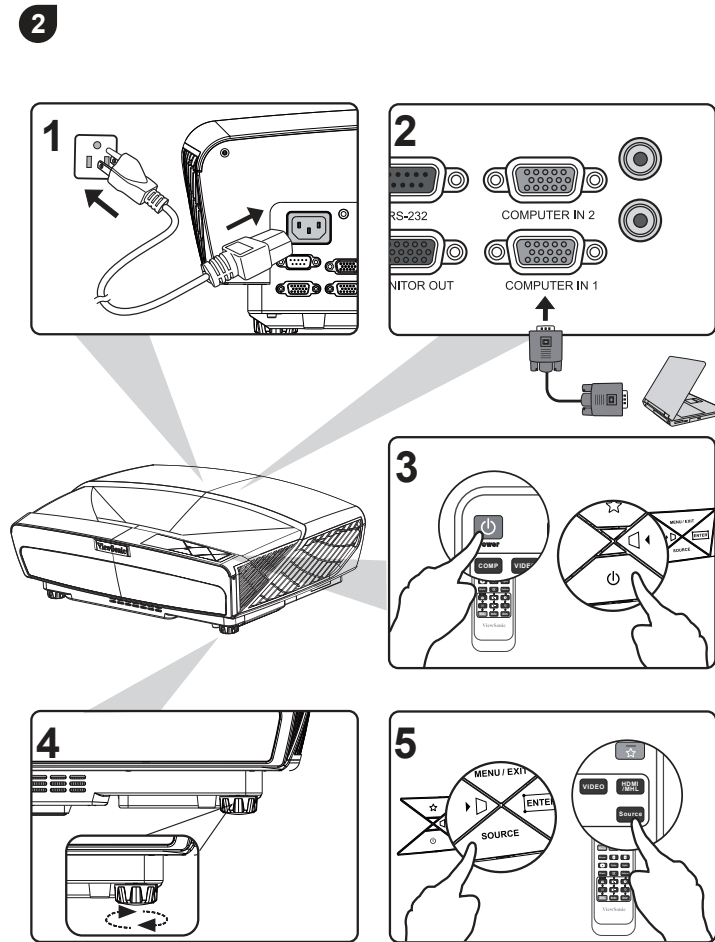
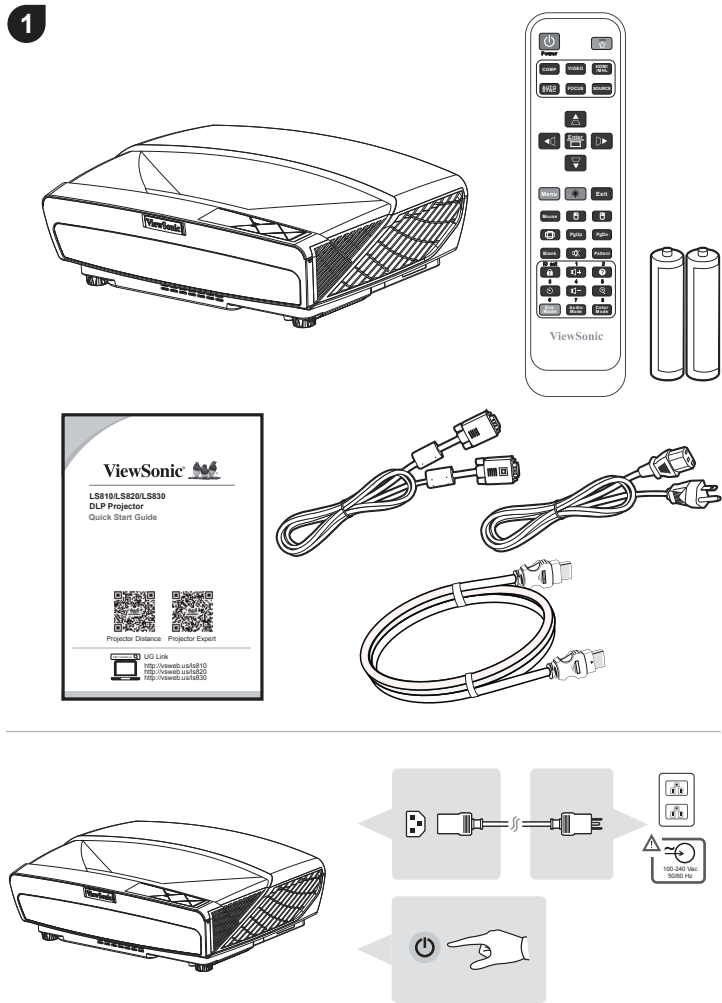
Industry Canada Beyanı: CAN ICES-3 (B)/NMB-3(B)

Avrupa Ülkeleri için CE Uyumu:

CE Aygıt 2014/30/EU sayılı EMC yönergesi ve 2014/35/EU sayılı. Düşük Voltaj Yönergesi ile uyumludur.

RoHS2 Uyum Beyanı

Bu ürün, Elektrikli ve elektronik cihazlardaki belirli tehlikeli madde kullanımını sınırlandıran (RoHS2 Yönergesi) Avrupa Parlamentosu ve Konseyinin 2011/65/EU numaralı direktifine uygun olarak tasarlanmış ve üretilmiştir ve Avrupa Teknik Adaptasyon Komitesi (TAC) tarafından yayınlanan ve aşağıda gösterilen azami yoğunlaşma değerlerine uyacağı beklenmektedir.



- LS810

Screen size (D)		Image width (W)		Image height (H)		Vertical offset (a)		Projection distance (b)	
in	mm	in	mm	in	mm	in	mm	in	mm
80	2032	67.84	1723	42.40	1077	6.84	174	4.81	122
90	2286	76.32	1939	47.70	1212	7.90	201	7.05	179
100	2540	84.80	2154	53.00	1346	8.96	228	9.29	236
110	2794	93.28	2369	58.30	1481	10.02	254	11.53	293
120	3048	101.76	2585	63.60	1615	11.08	281	13.76	350
130	3302	110.24	2800	68.90	1750	12.14	308	16.00	406
140	3556	118.72	3015	74.20	1885	13.20	335	18.24	463
150	3810	127.2	3231	79.50	2019	14.26	362	20.48	520

- LS820/LS830

Screen size (D)		Image width (W)		Image height (H)		Vertical offset (a)		Projection distance (b)	
in	mm	in	mm	in	mm	in	mm	in	mm
80	2032	69.73	1771	39.22	996	7.00	178	3.71	94
90	2286	78.44	1992	44.12	1121	8.10	206	5.76	146
100	2540	87.16	2214	49.03	1245	9.20	234	7.81	198
110	2794	95.87	2435	53.93	1370	10.30	262	9.86	250
120	3048	104.59	2657	58.83	1494	11.41	290	11.91	302
130	3302	113.30	2878	63.73	1619	12.51	318	13.95	406
140	3556	122.02	3099	68.64	1743	13.61	346	16.00	463
150	3810	130.74	3321	73.54	1868	14.72	374	18.05	458

There is 3% tolerance among these numbers due to optical component variations. It is recommended that if you intend to permanently install the projector, you should physically test the projection size and distance using the actual projector in situ before you permanently install it, so as to make allowance for this projector's optical characteristics. This will help you determine the exact mounting position so that it best suits your installation location.

- Important Safety Instructions**
- Read these instructions.
 - Keep these instructions.
 - Heed all warnings.
 - Follow all instructions.
 - Do not use this unit near water.
 - Clean with a soft, dry cloth.
 - Do not block any ventilation openings. Install the unit in accordance with the manufacturer's instructions.
 - Do not install near any heat sources such as radiators, heat registers, stoves, or other devices (including amplifiers) that produce heat.
 - Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade and the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
 - Protect the power cord from being walked on or pinched particularly at plugs. Convenience receptacles and the point where they exit from the unit. Be sure that the power outlet is located near the unit so that it is easily accessible.
 - Only use attachments/accessories specified by the manufacturer.
 - Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the unit. When a cart is used, use caution when moving the cart/unit combination to avoid injury from tipping over.
 - Unplug this unit when unused for long periods of time.
 - Refer all servicing to qualified service personnel. Servicing is required when the unit has been damaged in any way, such as: if the power-supply cord or plug is damaged, if liquid is spilled onto or objects fall into the unit, if the unit is exposed to rain or moisture, or if the unit does not operate normally or has been dropped.