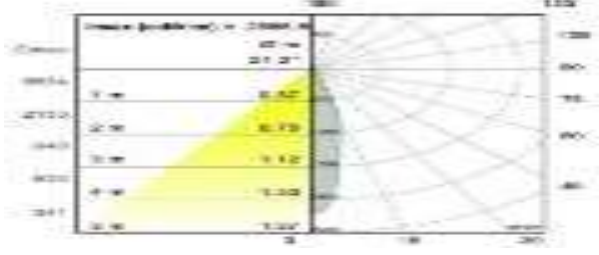


Electrical Estimation for Façade Lighting Development of Ghantaghar & Kamaniya Gate

1	SITC OF High Quality LED flood light : higher Beam angle : 30 degree CCT : 3000K/RGB AC 100-240V with Inbuild AC and DMX compatilby	
	Tecnicale specification	
1.1	SITC OF High Quality LED flood light : 150W or higher Beam angle : 30 degree CCT : 3000K/RGB AC 100-240V with Inbuild AC and DMX compatilby	
	Input Power (± 10% tolerance)	150W
	Size(LxWxD)- mm	339x225x110
	Input Voltage Range	90 To 300 VAC
	Rated Voltage	220~240 VAC
	Input Frequency	50Hz
	Power Factor	> 0.95 At Full Load & 240 VAC
	Working Temperature	(-)20oC to (+) 60oC
	Life expectancy of the product (LEDs)	>35000 hrs.
	Lumens Per Watt	More than 80 Lum/Watt
	Lumens (± 5% tolerance)	>6800
	Color Temperature	RED-BLUE-GREEN-WHITE
	Color rendering index	> 75
	Beam Angle	10 DEG-60 DEG
	Make of LED	CREE
	Driver efficiency	>85%
	Controls	DMX-512 control, 3 address
	Surge/Spike Protection	>3KV L, N, E as per IEC 61000-4-5
	THD (Total Harmonic Distortion)	<15% as per IEC 61000-3-2
	Line Protection	Under Voltage and Over Voltage Protection
	Lamp Housing	Pressure Die-cast aluminum housing with powder coating
	Lens Material / Optic Cover	Glass Cover and anodised aluminum reflector
	Ingress Protection	IP 65
	Mounting arrangement	Mounting Bracket
	Fastners	Stainless Steel Fastners

1.2	SITC OF Supply of High Quality LED flood light : 100W or higher Beam angle : 60 degree CCT : 3000K/RGB AC 100-240V with Inbuild AC and DMX compatibilty	
	Input Power (± 10% tolerance)	100W
	Size(LxWxD)- mm	284 x 235x90
	Input Voltage Range	90 To 300 VAC
	Rated Voltage	220~240 VAC
	Input Frequency	50Hz
	Power Factor	> 0.95 At Full Load & 240 VAC
	Working Temperature	(-)20oC to (+) 60oC
	Life expectancy of the product (LEDs)	>35000 hrs.
	Lumens Per Watt	More than 80 Lum/Watt
	Lumens (± 5% tolerance)	> 5100
	Color Temperature	RED-BLUE-GREEN-WHITE
	Color rendering index	> 75
	Beam Angle	10 DEG-60 DEG
	Make of LED	CREE
	Driver efficiency	>85%
	Controls	DMX-512 control, 3 address
	Surge/Spike Protection	>3KV L, N, E as per IEC 61000-4-5
	THD (Total Harmonic Distortion)	<15% as per IEC 61000-3-2
	Line Protection	Under Voltage and Over Voltage Protection
	Lamp Housing	Pressure Die-cast aluminum housing with powder coating
	Lens Material / Optic Cover	Glass Cover and anodised aluminum reflector
	Ingress Protection	IP 65
	Mounting arrangement	Mounting Bracket
	Fastners	Stainless Steel Fastners
1.3	SITC OF Supply of High Quality LED flood light : 70W or higher Beam angle : 60 degree CCT : 3000K/RGB AC 100-240V with Inbuild AC and DMX compatibilty	
	Input Power (± 10% tolerance)	70W
	Size(LxWxD)- mm	225x185x65
	Input Voltage Range	90 To 300 VAC
	Rated Voltage	220~240 VAC
	Input Frequency	50Hz
	Power Factor	> 0.95 At Full Load & 240 VAC
	Working Temperature	(-)20oC to (+) 60oC
	Life expectancy of the product (LEDs)	>35000 hrs.
	Lumens Per Watt	More than 80 Lum/Watt
	Lumens (± 5% tolerance)	>3400
	Color Temperature	RED-BLUE-GREEN-WHITE
	Color rendering index	> 75
	Beam Angle	10 DEG-60 DEG
	Make of LED	CREE
	Driver efficiency	>85%
	Controls	DMX-512 control, 3 address
	Surge/Spike Protection	>3KV L, N, E as per IEC 61000-4-5
	THD (Total Harmonic Distortion)	<15% as per IEC 61000-3-2
	Line Protection	Under Voltage and Over Voltage Protection
	Lamp Housing	Pressure Die-cast aluminum housing with powder coating
	Lens Material / Optic Cover	Glass Cover and anodised aluminum reflector
	Ingress Protection	IP 65
	Mounting arrangement	Mounting Bracket
	Fastners	Stainless Steel Fastners

1.4	SITC OF Supply of High Quality LED flood light : 40W or higher Beam angle : 60 degree CCT : 3000K/RGB AC 100-240V with Inbuild AC and DMX compatibilty	
	Input Power (± 10% tolerance)	40W
	Size(LxWxD)- mm	
	Input Voltage Range	90 To 300 VAC
	Rated Voltage	220~240 VAC
	Input Frequency	50Hz
	Power Factor	> 0.95 At Full Load & 240 VAC
	Working Temperature	(-)20oC to (+) 60oC
	Life expectancy of the product (LEDs)	>35000 hrs.
	Lumens Per Watt	More than 80 Lum/Watt
	Lumens (± 5% tolerance)	>3400
	Color Temperature	RED-BLUE-GREEN-WHITE
	Color rendering index	> 75
	Beam Angle	10 DEG-60 DEG
	Make of LED	CREE
	Driver efficiency	>85%
	Controls	DMX-512 control, 3 address
	Surge/Spike Protection	>3KV L, N, E as per IEC 61000-4-5
	THD (Total Harmonic Distortion)	<15% as per IEC 61000-3-2
	Line Protection	Under Voltage and Over Voltage Protection
	Lamp Housing	Pressure Die-cast aluminum housing with powder coating
	Lens Material / Optic Cover	Glass Cover and anodised aluminum reflector
	Ingress Protection	IP 65
	Mounting arrangement	Mounting Bracket
	Fastners	Stainless Steel Fastners
1.5	SITC OF Supply of High Quality LED flood light : 36W or higher Beam angle : 60 degree CCT : 3000K/RGB AC 100-240V with Inbuild AC and DMX compatibilty	
	Input Power (± 10% tolerance)	36W
	Input Voltage Range	90 To 300 VAC
	Rated Voltage	220~240 VAC
	Input Frequency	50Hz
	Power Factor	> 0.95 At Full Load & 240 VAC
	Working Temperature	(-)20oC to (+) 60oC
	Life expectancy of the product (LEDs)	>35000 hrs.
	Lumens Per Watt	More than 80 Lum/Watt
	Lumens (± 5% tolerance)	>3060
	Color Temperature	RED-BLUE-GREEN-WHITE
	Color rendering index	> 75
	Beam Angle	10 DEG-60 DEG
	Make of LED	CREE
	Driver efficiency	>85%
	Controls	DMX-512 control, 3 address
	Surge/Spike Protection	>3KV L, N, E as per IEC 61000-4-5
	THD (Total Harmonic Distortion)	<15% as per IEC 61000-3-2
	Line Protection	Under Voltage and Over Voltage Protection
	Lamp Housing	Pressure Die-cast aluminum housing with powder coating
	Lens Material / Optic Cover	Glass Cover and anodised aluminum reflector
	Ingress Protection	IP 65
	Mounting arrangement	Mounting Bracket
	Fastners	Stainless Steel Fastners

Approved Make: Syska/Philips/Havells/Wipro/Jaquar.