

**TOSHIBA**



# LED Circular Lamp

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LED Circular Lamp

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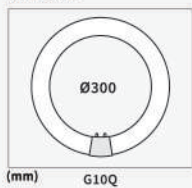
## LED Circular Lamp

Take away the original starter to replace the traditional fluorescent circular lamp directly, and don't need to take away the original magnetic ballast. Furthermore, can be connected to the main supply which same FCL socket(G10Q).

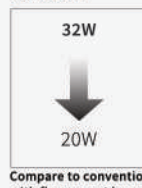
### IEC standard

IEC 62471 : Photobiological safety

#### DIMENSION



#### EQUIVALENT



#### ENERGY SAVING



Product code	Voltage (Vac)	Rated Wattage (W)	Luminous Flux (lm)	Efficacy (lm/W)	Colour Temperature	Color Rendering Index (Ra)	Power Factor	Beam Angle	Lifespan (Hrs.)
RLDC9XC2065AQTH1	220-240	20	2,200	110	6500K	80	0.5	150°	30,000h

Operation temperature : -20°C to 40°C



# TOSHIBA

## LED Fixture

LED Downlight Hi Wattage

LED Downlight

LED Downlight 3 Step Colour

LED Panel light

LED Module fixture

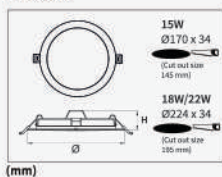
LED Smart Ceiling lamp



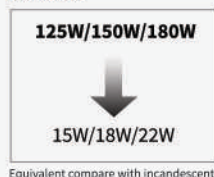
## LED Downlight High Wattage

Toshiba LED Downlight High Wattage provides uniform light with a beam angle 110 degree. It can be easily installed to illuminate area or ceiling with substantial energy savings.

### DIMENSION



### EQUIVALENT



### ENERGY SAVING



### IEC standard

IEC 60598-2-2 : Particular requirements - Recessed luminaires.  
IEC 62471 : Photobiological safety



Surge Protection

Product code	Voltage (Vac)	Rated Wattage (W)	Luminous Flux (lm)	Color Temperature	Efficacy (lm/W)	Color Rendering Index (Ra)	Power Factor	THDi	Beam Angle	Lifespan (Hrs.)
RLDDR01540CTH3	220-240	15	1800	4000K	120	80	≥0.90	<15%	110°	30,000
RLDDR01565CTH3	220-240	15	1800	6500K	120	80	≥0.90	<15%	110°	30,000
RLDDR01840CTH3	220-240	18	2160	4000K	120	80	≥0.90	<15%	110°	30,000
RLDDR01865CTH3	220-240	18	2160	6500K	120	80	≥0.90	<15%	110°	30,000
RLDDR02240CTH3	220-240	22	2640	4000K	120	80	≥0.90	<15%	110°	30,000
RLDDR02265CTH3	220-240	22	2640	6500K	120	80	≥0.90	<15%	110°	30,000

Operation temperature : -20°C to 45°C







## LED Downlight Circle

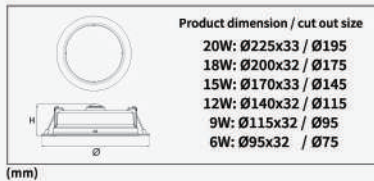
Toshiba LED Downlight elegant with compact design, Fully brightness 100% front lighting performance, good quality material, advantage cooling system, more safety with driver connected with wire, friendly eye care and efficiency brightness for you.

### IEC standard

IEC 60598-2-2 : Particular requirements - Recessed luminaires.

IEC 62471 : Photobiological safety

### DIMENSION



### EQUIVALENT

40W/60W/75W/100W/100W/125W

6W/9W/12W/15W/18W/20W

Compare to Incandescent lamp with conventional fixture

### ENERGY SAVING



Product code	Voltage (Vac)	Rated Wattage (W)	Luminous Flux (lm)	Efficacy (lm/W)	Colour Temperature	Color Rendering Index (Ra)	Power Factor	Beam Angle	Lifespan (Hrs.)
RLDDRC00630CTH2	220-240	6	420	70	3000K	80	0.5	120°	25,000h
RLDDRC00640CTH2	220-240	6	450	75	4000K	80	0.5	120°	25,000h
RLDDRC00665CTH2	220-240	6	450	75	6500K	80	0.5	120°	25,000h
RLDDRC00930CTH2	220-240	9	700	78	3000K	80	0.5	120°	25,000h
RLDDRC00940CTH2	220-240	9	750	83	4000K	80	0.5	120°	25,000h
RLDDRC00965CTH2	220-240	9	750	83	6500K	80	0.5	120°	25,000h
RLDDRC01230CTH2	220-240	12	1000	83	3000K	80	0.5	120°	25,000h
RLDDRC01240CTH2	220-240	12	1080	90	4000K	80	0.5	120°	25,000h
RLDDRC01265CTH2	220-240	12	1080	90	6500K	80	0.5	120°	25,000h
RLDDRC01530CTH2	220-240	15	1400	93	3000K	80	0.5	120°	25,000h
RLDDRC01540CTH2	220-240	15	1500	100	4000K	80	0.5	120°	25,000h
RLDDRC01565CTH2	220-240	15	1500	100	6500K	80	0.5	120°	25,000h
RLDDRC01830CTH2	220-240	18	1680	93	3000K	80	0.5	120°	25,000h
RLDDRC01840CTH2	220-240	18	1800	100	4000K	80	0.5	120°	25,000h
RLDDRC01865CTH2	220-240	18	1800	100	6500K	80	0.5	120°	25,000h
RLDDRC02030CTH2	220-240	20	1950	98	3000K	80	0.5	120°	25,000h
RLDDRC02040CTH2	220-240	20	2100	105	4000K	80	0.5	120°	25,000h
RLDDRC02065CTH2	220-240	20	2100	105	6500K	80	0.5	120°	25,000h

Operation temperature : -20°C to 40°C





## LED Downlight Square

Toshiba LED Downlight elegant with compact design, Fully brightness 100% front lighting performance, good quality material, advantage cooling system, more safety with driver connected with wire, friendly eye care and efficiency brightness for you.

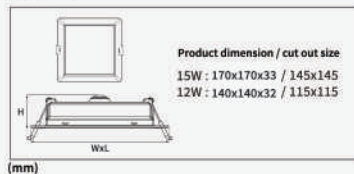


### IEC standard

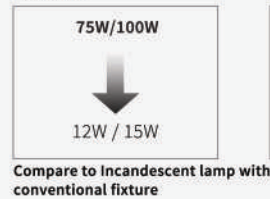
IEC 60598-2-2 : Particular requirements - Recessed luminaires.

IEC 62471 : Photobiological safety

### DIMENSION



### EQUIVALENT



### ENERGY SAVING



Product code	Voltage (Vac)	Rated Wattage (W)	Luminous Flux (lm)	Efficacy (lm/W)	Colour Temperature	Color Rendering Index (Ra)	Power Factor	Beam Angle	Lifespan (Hrs.)
RLDDSC01230CTH2	220-240	12	1000	83	3000K	80	0.5	120°	25,000h
RLDDSC01240CTH2	220-240	12	1080	90	4000K	80	0.5	120°	25,000h
RLDDSC01265CTH2	220-240	12	1080	90	6500K	80	0.5	120°	25,000h
RLDDSC01530CTH2	220-240	15	1400	93	3000K	80	0.5	120°	25,000h
RLDDSC01540CTH2	220-240	15	1500	100	4000K	80	0.5	120°	25,000h
RLDDSC01565CTH2	220-240	15	1500	100	6500K	80	0.5	120°	25,000h

Operation temperature : -20°C to 40°C







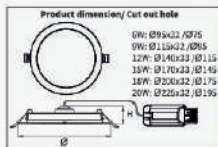
## LED Downlight Recessed

### 3-Step Colour Click

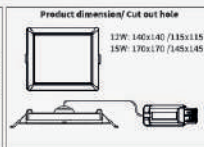
Toshiba LED Downlight Recessed 3 Step Colour Click provides uniform light with 3 colour warm white, cool white, daylight a beam angle 110 degree. It can be easily installed to illuminate area or ceiling with substantial energy savings.



#### DIMENSION



(mm)



#### EQUIVALENT

40W/60W/75W/100W/100W/125W

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6W/9W/12W/15W/18W/20W

Equivalent compare with incandescent lamp

#### ENERGY SAVING



#### IEC standard

IEC 60598-2-2 : Particular requirements - Recessed luminaires.

IEC 62471 : Photobiological safety



Product code	Rated Wattage (W)	Luminous Flux (lm)	Color Temperature	Voltage (V)	Efficacy (lm/W)	Color Rendering Index (Ra)	Power Factor	Beam Angle	Lifespan (Hrs.)
RLDDRC006VACTH1	6	450	3000K/4000K/6500K	220-240Vac	75	80	0.5	110°	25000
RLDDRC009VACTH1	9	750	3000K/4000K/6500K	220-240Vac	83.3	80	0.5	110°	25000
RLDDRC012VACTH1	12	1020	3000K/4000K/6500K	220-240Vac	85	80	0.5	110°	25000
RLDDRC015VACTH1	15	1350	3000K/4000K/6500K	220-240Vac	90	80	0.5	110°	25000
RLDDRC018VACTH1	18	1600	3000K/4000K/6500K	220-240Vac	88.8	80	0.5	110°	25000
RLDDRC020VACTH1	20	1850	3000K/4000K/6500K	220-240Vac	92.5	80	0.5	110°	25000
RLDDSC012VACTH1	12	1020	3000K/4000K/6500K	220-240Vac	85	80	0.5	110°	25000
RLDDSC015VACTH1	15	1350	3000K/4000K/6500K	220-240Vac	90	80	0.5	110°	25000

Operation temperature : -20°C to 40°C



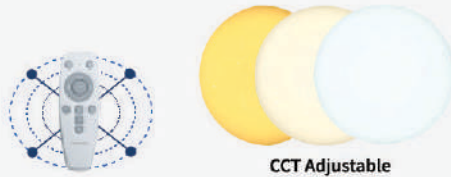
## LED Smart Ceiling Lamp

LED Smart Ceiling Lamp lets you easily control your lights from remote control, easy to control and create the right ambience for your every moment. Combines night mode which gives brightness down to reduce glare and mitigates eyestrain.

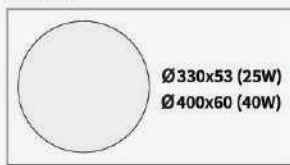
### IEC standard

IEC 60598-2-1 : Particular requirements - Fixed general purpose luminaires

IEC 62471 : Photobiological safety



### DIMENSION



### ENERGY SAVING



Product code	Voltage (Vac)	Rated Wattage (W)	Luminous Flux (lm)	Efficacy (lm/W)	Color Temperature	Color Rendering Index (Ra)	Beam Angle	IP level	Lifespan (Hrs.)
RLDT01D025VACTH1	220-240	25	3200*	128	2200K-6800K	80	120°	20	25,000h
RLDT01D040VACTH1	220-240	40	5200*	130	2200K-6800K	80	120°	20	25,000h

\*@ CCT 6800K

Operation temperature : -20°C to 40°C







## LED Panel Light

Toshiba panel light is the perfect choice, the sleek design make this panel light attractive for your ceiling. They are thin together with its advantage of unique internal driver as well as mounting bracket make this panel easy to installed.

1195x595 mm.



595x595 mm.

1195x295 mm.

### IEC standard

IEC 60598-2-2 : Particular requirements - Recessed luminaires.

IEC 62471 : Photobiological safety

### DIMENSION

Power (W)	Dimension (mm)
40W	595x595
40W	295x1195
50W	595x1195

Cut out size(mm) : 56x564, 280x1160, 578x1178  
 Recessed mounting : 58x581, 281x1181, 581x1181  
 T-bar mounting : 581x581, 281x1181, 581x1181

(mm)

### EQUIVALENT

T5:28Wx2/T8:36Wx2



40W/50W

Compare to Fluorescent lamp with fixture

### ENERGY SAVING

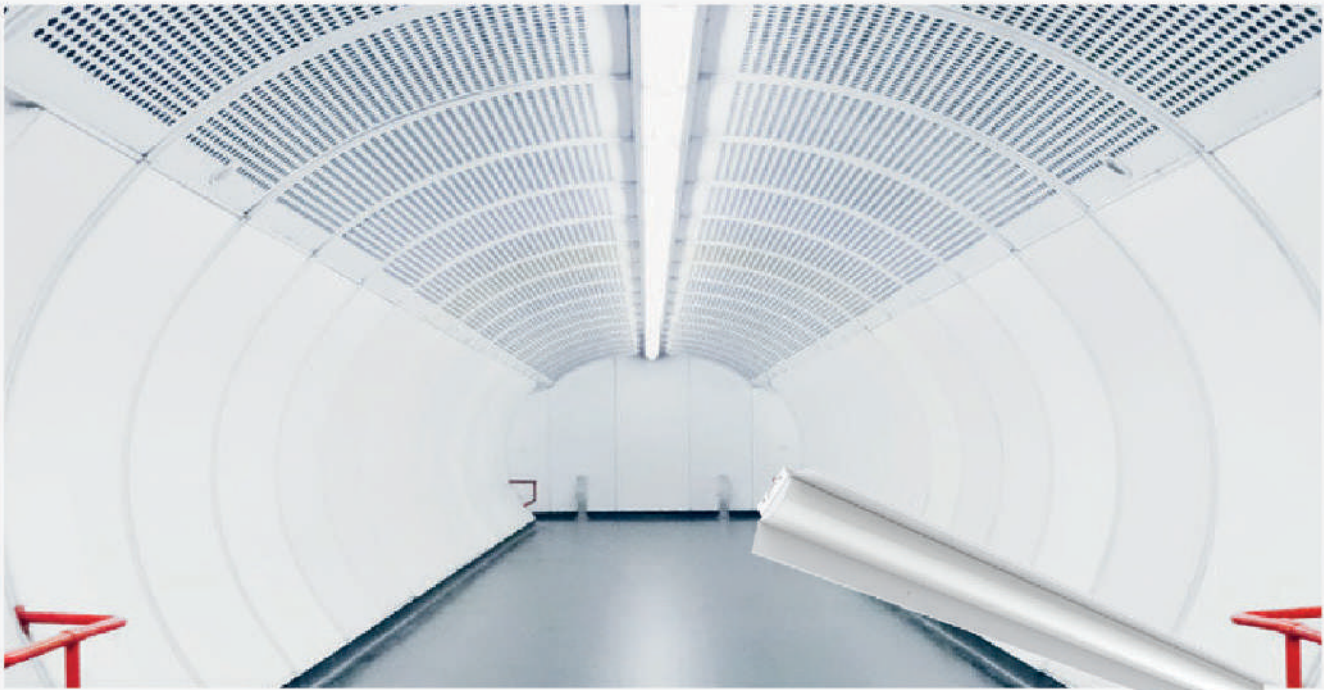


Non-Dimmable

HBN 1956-2551  
TTLICEye Safety  
IEC 62471

Product code	Voltage (Vac)	Rated Wattage (W)	Luminous Flux (lm)	Efficacy (lm/W)	Colour Temperature	Color Rendering Index (Ra)	Power Factor	Beam Angle	Dimension (LxWxH)	Lifespan (Hrs.)
RLDCSC04040BTH1	220-240	40	3,800	95	4000K	80	≥0.9	110°	595x595	30,000h
RLDCSC04065BTH1	220-240	40	4,000	100	6500K	80	≥0.9	110°	595x595	30,000h
RLDCEC04040BTH1	220-240	40	3,800	95	4000K	80	≥0.9	110°	1195x295	30,000h
RLDCEC04065BTH1	220-240	40	4,000	100	6500K	80	≥0.9	110°	1195x295	30,000h
RLDCEC05040BTH1	220-240	50	6,000	120	4000K	80	≥0.9	110°	1195x595	30,000h
RLDCEC05065BTH1	220-240	50	6,000	120	6500K	80	≥0.9	110°	1195x595	30,000h

Operation temperature : -20°C to 40°C



## LED Module Fixture

Toshiba new module fixture, the perfect combination of the cutting-edge LED fixture and superbly neat design. It is consisting of the unique detachable 4 feet module and base fitting, present extensive and flexible line-up from simple batten type to high-end highbay module.

### IEC standard

IEC 60598-2-1 : Particular requirements - Fixed general purpose luminaires

IEC 62471 : Photobiological safety

### DIMENSION



### EQUIVALENT

T5:28Wx2/T8:36Wx2



25W/43W

Compare to Fluorescent lamp with fixture

### ENERGY SAVING



Non-Dimmable



180° 1955-2551 TTLC



Eye Safety IEC 62471

Reflector Set

Batten Set

V-Shape Set

Product code	Voltage (Vac)	Rated Wattage (W)	Luminous Flux (lm)	Efficacy (lm/W)	Colour Temperature	Color Rendering Index (Ra)	Power Factor	Beam Angle	Dimension (LxWxH)	Lifespan (Hrs.)
<b>Batten SET</b>										
RLDTBD02550CTH2	100-240	25	4,000	160	5000K	80	≥0.9	120°	1250x79x30.5	40,000h
RLDTBD02565CTH2	100-240	25	4,000	160	6500K	80	≥0.9	120°	1250x79x30.5	40,000h
RLDTBD03065CTH1	100-240	30	4,000	133	6500K	80	≥0.9	120°	1250x79x30.5	40,000h
RLDTBD04350CTH2	100-240	43	7,000	162	5000K	80	≥0.9	120°	1250x79x30.5	40,000h
RLDTBD04365CTH2	100-240	43	7,000	162	6500K	80	≥0.9	120°	1250x79x30.5	40,000h
RLDTBD04565CTH1	100-240	45	6,000	133	6500K	80	≥0.9	120°	1250x79x30.5	40,000h
<b>V-Shape SET</b>										
RLDTRD02550CTH2	100-240	25	4,000	160	5000K	80	≥0.9	120°	1250x150x62.5	40,000h
RLDTRD02565CTH2	100-240	25	4,000	160	6500K	80	≥0.9	120°	1250x150x62.5	40,000h
RLDTRD03065CTH1	100-240	30	4,000	133	6500K	80	≥0.9	120°	1250x150x62.5	40,000h
RLDTRD04350CTH2	100-240	43	7,000	162	5000K	80	≥0.9	120°	1250x150x62.5	40,000h
RLDTRD04365CTH2	100-240	43	7,000	162	6500K	80	≥0.9	120°	1250x150x62.5	40,000h
RLDTRD04565CTH1	100-240	45	6,000	133	6500K	80	≥0.9	120°	1250x150x62.5	40,000h
<b>Reflector SET</b>										
RLDTRD02550CTH2	100-240	25	4,000	160	5000K	80	≥0.9	120°	1250x150x62.5	40,000h
RLDTRD02565CTH2	100-240	25	4,000	160	6500K	80	≥0.9	120°	1250x150x62.5	40,000h
RLDTRD03065CTH1	100-240	30	4,000	133	6500K	80	≥0.9	120°	1250x150x62.5	40,000h
RLDTRD04350CTH2	100-240	43	7,000	162	5000K	80	≥0.9	120°	1250x150x62.5	40,000h
RLDTRD04365CTH2	100-240	43	7,000	162	6500K	80	≥0.9	120°	1250x150x62.5	40,000h
RLDTRD04565CTH1	100-240	45	6,000	133	6500K	80	≥0.9	120°	1250x150x62.5	40,000h

Operation temperature : -20°C to 40°C







## LED Linear Waterproof



Toshiba LED linear waterproof have been specifically developed with IP65-rated linear luminaires and produce an excellent efficiency of 130 lm/W. They are widely suitable for underground parking, warehouse which is designed for best replacement of waterproof fluorescent fittings.

### IEC standard

IEC 60598-2-1 : Fixed general purpose luminaires.  
IEC 62471 : Photobiological safety

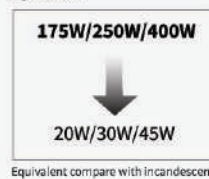
### Maximum Connecting

20W / 30W : 8 pcs  
45W : 6 pcs

### DIMENSION



### EQUIVALENT



### ENERGY SAVING



Product code	Rated Wattage (W)	Luminous Flux (lm)	Color Temperature	Voltage (V)	Efficacy (lm/W)	Color Rendering Index (Ra)	Power Factor	THDi	Beam Angle	Lifespan (Hrs.)
RLDTLC02065CTH2	20	2600	6500K	220-240Vac	130	80	>0.90	<15%	120°	30,000
RLDTLC03065CTH2	30	3900	6500K	220-240Vac	130	80	>0.90	<15%	120°	30,000
RLDTLC04565CTH2	45	5800	6500K	220-240Vac	128	80	>0.90	<15%	120°	30,000

Operation temperature : -20°C to 40°C.





# TOSHIBA

## LED Industrial & Outdoor

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LED Highbay

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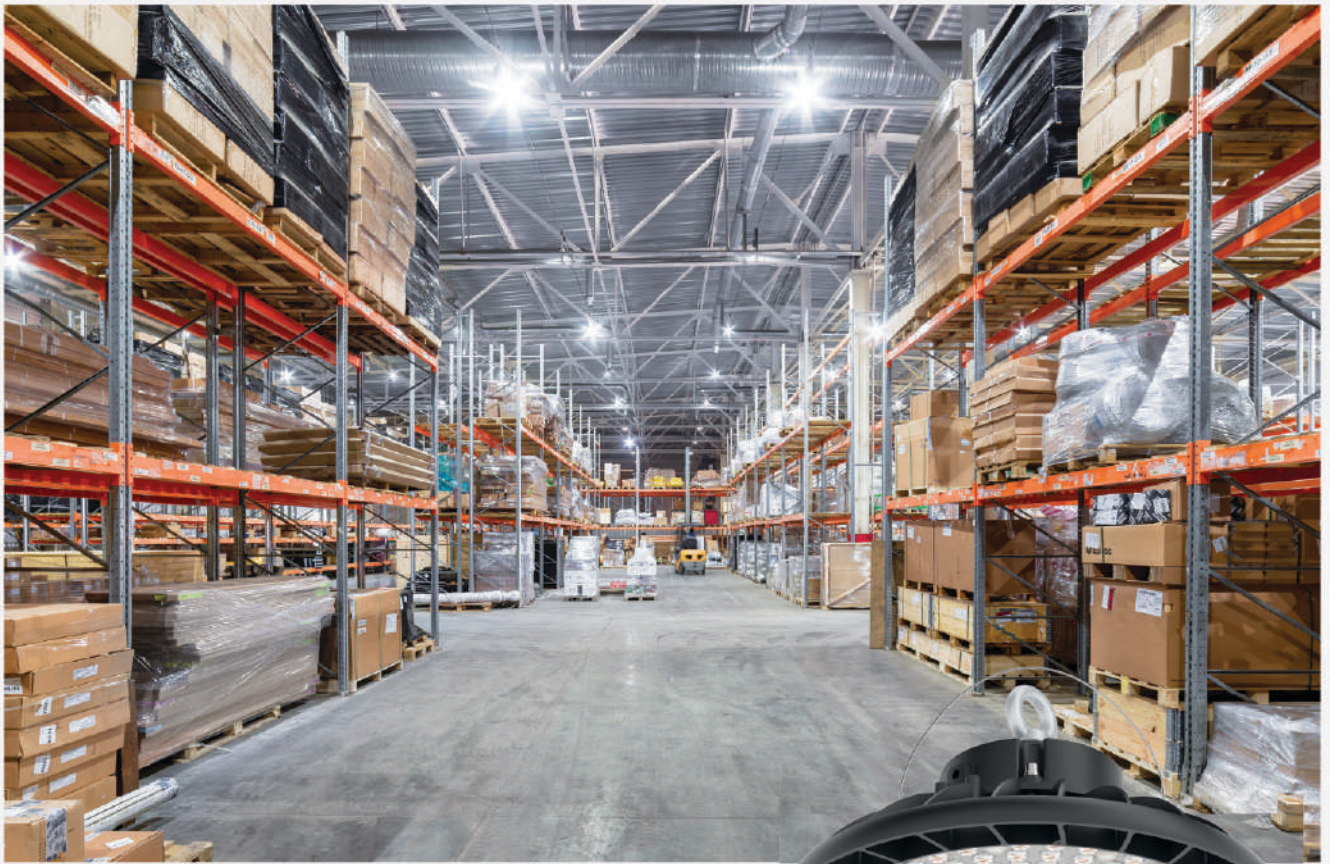
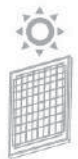
LED Street light

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LED Floodlight

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## LED Highbay

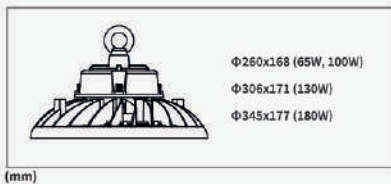
This LED Highbay lighting with superior lumen output extremely endurance with IP65, save on maintenance costs and provide ample illumination for your high ceiling and multiple application : Both indoor and Outdoor use

- Workshop
- Warehouse
- Industrial
- Commercial

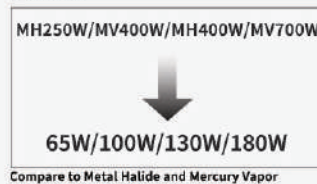
### IEC standard

IEC 60598-2-1 : Fixed general purpose luminaires.  
IEC 62471 : Photobiological safety

#### DIMENSION



#### EQUIVALENT



#### ENERGY SAVING



Product code	Voltage (Vac)	Rated Wattage (W)	Luminous Flux (lm)	Efficacy (lm/W)	Color Temperature	Color Rendering Index (Ra)	Power Factor	Beam Angle	Weight (kg)	Lifespan (Hrs.)
RLDJC065XXYTH4	220-240	65	10,400	160	4000K/5000K/6500K	80	>0.9	90°	2.12	50,000h
RLDJC100XXYTH4	220-240	100	16,000	160	4000K/5000K/6500K	80	>0.9	90°	2.12	50,000h
RLDJC130XXYTH4	220-240	130	20,800	160	4000K/5000K/6500K	80	>0.9	90°	2.62	50,000h
RLDJC180XXYTH4	220-240	180	28,800	160	4000K/5000K/6500K	80	>0.9	90°	3.02	50,000h

#### Remarks :

-Y : 1 digit code for beam angle. 9: 90°(standard), 6: 60°(option), C: 120°(option).  
-XX : 2 digits code for CCT: 40 (4000K), 50 (5000K), 65 (6500K).

Operation temperature : -40°C to 50°C





## LED Street Light

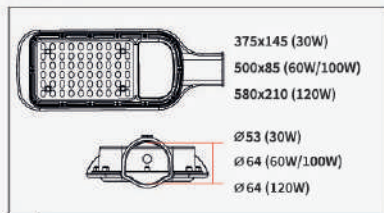
Toshiba LED Street Light come with high efficacy 120 lm/W for all models. The lifespan base on a 50,000 hours life and 4kV surge protection. The light weight is good for convenient installation. Suitable for outdoor use with IP66.

### IEC standard

IEC 60598-2-3 : Luminaires for road and street lighting



### DIMENSION



(mm)

### EQUIVALENT

50W / 150W / 250W / 250W

30W / 60W / 100W / 120W

Compare to HPS (high pressure sodium lamp)

### ENERGY SAVING



Product code	Voltage (Vac)	Rated Wattage (W)	Luminous Flux (lm)	Efficacy (lm/W)	Color Temperature	Color Rendering Index	Power Factor	THDi	Beam Angle	Weight (kg)	Lifespan (Hrs.)
RLDWC03065FTH3	220-240	30	3,600	120	6500K	80	>0.9	<15%	70°x120°	0.96	50,000h
RLDWC06065FTH3	220-240	60	7,200	120	6500K	80	>0.9	<15%	70°x120°	1.70	50,000h
RLDWC10065FTH3	220-240	100	12,000	120	6500K	80	>0.9	<15%	70°x120°	1.70	50,000h
RLDWC12065FTH3	220-240	120	14,400	120	6500K	80	>0.9	<15%	70°x120°	2.20	50,000h

Operation temperature : -40°C to 50°C







## LED Floodlight

Toshiba LED Floodlight provides lighting that draws attention to a large area and helps to emphasize textures on vertical surfaces and walls. They can be used in outdoor fields providing constant lumen output and weatherproof functionality. Toshiba LED Floodlight is perfect to use in facade, signboard and parking area.



50W/100W  
150W/200W

300W

### IEC standard

IEC 60598-2-5 : Particular requirements - Floodlights.

#### DIMENSION

	266x198x46 (50W) 313x275x53 (100W) 375x285x57 (150W) 446x345x62 (200W) 611x399x79 (300W)
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(mm)

#### EQUIVALENT

125W / 250W / 375W / 500W / 750W
↓
50W / 100W / 150W / 200W / 300W

Compare to HID lamp

#### ENERGY SAVING

ENERGY SAVING 60% SAVES MONEY



Surge Protection

Non-Dimmable

HDN 1955-2551 TTL

Product code	Voltage (V)	Rated Wattage (W)	Luminous Flux (lm)	Efficacy (lm/W)	Color Temperature	Color Rendering Index (Ra)	Power Factor	Beam Angle	Weight (kg)	Lifespan (Hrs.)
RLDFF05030BTH2	100-277	50W	6,750	135	3000K	80	≥0.95	110°	1.40	50,000h
RLDFF05057BTH2	100-277	50W	7,500	150	5700K	80	≥0.95	110°	1.40	50,000h
RLDFF05065BTH2	100-277	50W	7,500	150	6500K	80	≥0.95	110°	1.40	50,000h
RLDFF10030BTH2	100-277	100W	13,500	135	3000K	80	≥0.95	110°	2.50	50,000h
RLDFF10057BTH2	100-277	100W	15,000	150	5700K	80	≥0.95	110°	2.50	50,000h
RLDFF10065BTH2	100-277	100W	15,000	150	6500K	80	≥0.95	110°	2.50	50,000h
RLDFF15030BTH2	100-277	150W	20,250	135	3000K	80	≥0.95	110°	3.50	50,000h
RLDFF15057BTH2	100-277	150W	22,500	150	5700K	80	≥0.95	110°	3.50	50,000h
RLDFF15065BTH2	100-277	150W	22,500	150	6500K	80	≥0.95	110°	3.50	50,000h
RLDFF20030BTH2	100-277	200W	27,000	135	3000K	80	≥0.95	110°	5.00	50,000h
RLDFF20057BTH2	100-277	200W	30,000	150	5700K	80	≥0.95	110°	5.00	50,000h
RLDFF20065BTH2	100-277	200W	30,000	150	6500K	80	≥0.95	110°	5.00	50,000h
RLDFF30030BTH2	100-277	300W	40,500	135	3000K	80	≥0.95	110°	8.49	50,000h
RLDFF30057BTH2	100-277	300W	45,000	150	5700K	80	≥0.95	110°	8.49	50,000h
RLDFF30065BTH2	100-277	300W	45,000	150	6500K	80	≥0.95	110°	8.49	50,000h