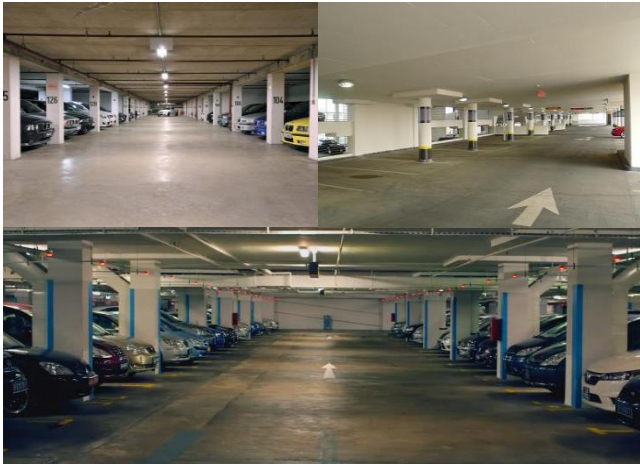**UL CERTIFIED**

DLC LISTED PREMIUM™

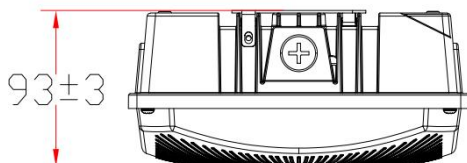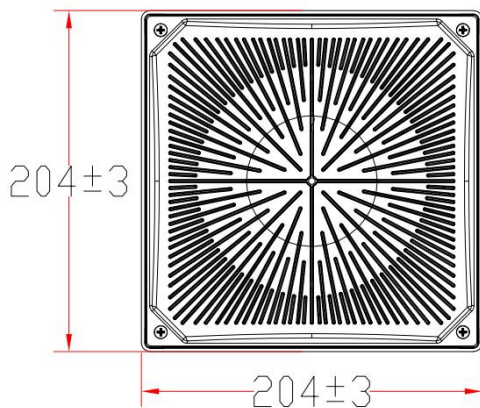**GREENTEK ENERGY SYSTEMS, LLC**
www.greentekes.com

P/N: GT-PGD-40WBD7-abce-S

Note：
GT= Company name
PGD = Product series, LED Parking Garage Light
40W = Rating Power
"B"= Lumileds 2835 ,LED manufacturer,
"D7" = 160°Cover type,
"a" can be any letters to represent Housing colors.
"b" can be "P" or blank, "P" for Photocontrol, blank for no Photocontrol provided.
"c" can be "M" or blank, "M" for microwave sensor, blank for no sensor provided.
"e" can be "XXK" for CCT,
        40K=4000K, 50K=5000K，57K=5700K
"S" =single color temperature，representing the Led Module type,

DIMENSIONS

204±3

204±3

93±3

Advantage：

➢ UL DLC-V5.1(Premium) certificate.
➢ IP65 Internal driver,Input voltage 120-277Vac.
➢ No UV or IR in the beam.
➢ Easy to install and operate.
➢ Energy saving, Long lifespan.
➢ Light is soft and uniform, Safe to eyes.
➢ Instant start, NO flickering, NO humming.
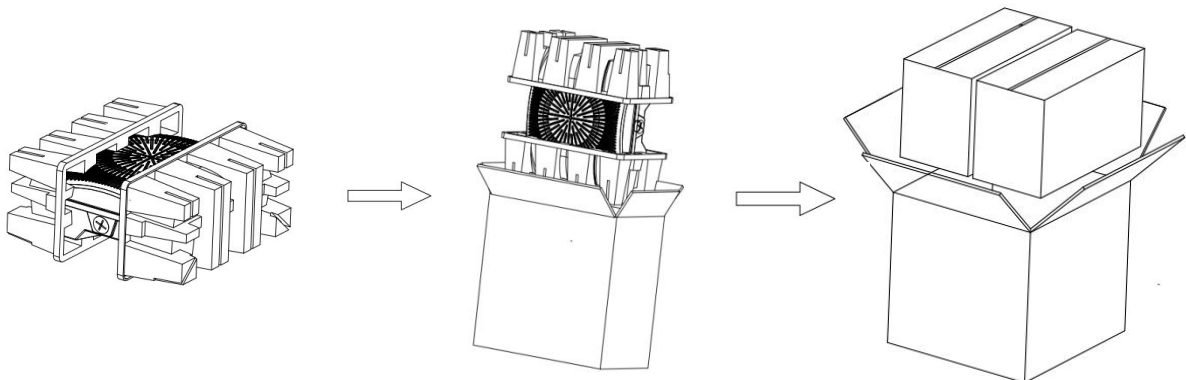➢ Green and eco-friendly without mercury.
➢ 0-10V Dimming.

Application：

◆ Widely used in gas station,service station，underground parking lot,warehouse,garage;
◆ Work floor,factory and so on.

SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	40W		
	Color Temperature	4000K	5000K	5700K
	Lumen (Tolerance : ±10%)	5572 LM	5636 LM	5725 LM
	Efficacy (Tolerance : ±3%)	141 LM/W	143 LM/W	145 LM/W
	CRI	>80		
	Color Consistency	＜6 Steps (or ＜6 SDCM)		
	BUG	B2-U3-G2		
	Diffuser Type	Clear Stripe PC		
	Beam Angle (50%) (Tolerance :±15%)	160 Degree		
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz;		
	PF (Tolerance : -3%)	≥0.9		
	THD (Tolerance : +5%)	≤20%		
	Flicker Percent	<5%		
	Driver Brand	WeledPower		
	Driver Model	WP-CHS-042U		
	Driver Surge protection	L/N-PE: 6kV, L-N: 4kV		
	Dimming	0-10V dimming standard		
	Sensor Type	Occupancy Sensor		
	Optional Accessory	Motion Sensor / PIR / Photocell		
MATERIALS	LED Brand	Lumileds 2835		
	LED Type	SMD2835 (0.5W)		
	LED QTY	84 PCS		
	Housing	Die-cast aluminum		
	Housing Color	White，or Customized		
	Waterproof Rating	WET（IP65）		
OTHERS	Operating Temperature	-30℃ TO +45℃		
	Storage Temperature	-40℃ TO 85℃		
	Operating Humidity	10％ - 90％ RH		
	Storage Humidity	10％-95％ RH		
	Warranty	5 years		

PACKAGE

	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Inner box	258*148*260 mm	1 PCS	1.77 KG	2.23 KG
Outer box	312*273*280 mm	2 PCS	3.54 KG	5.036 KG

LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
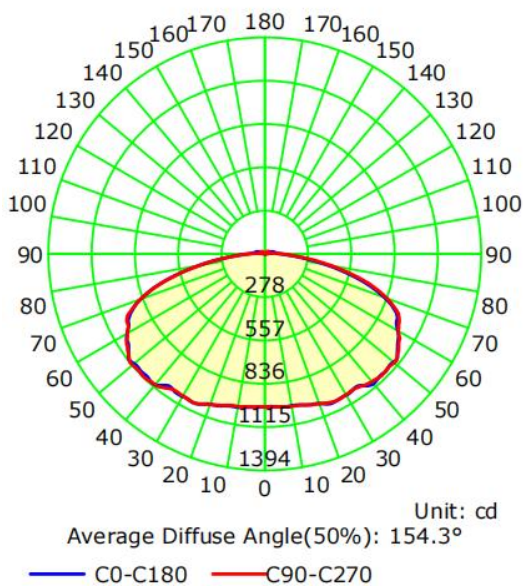Luminous Height (mm):
Current: 0.329 A
Power Factor: 0.996

Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
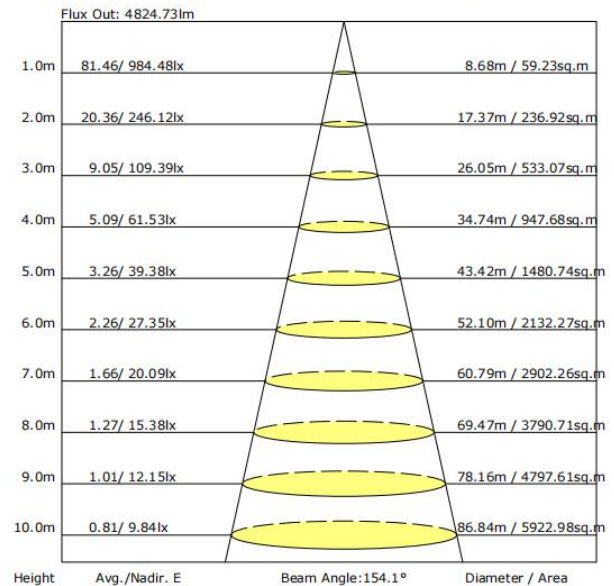Power: 39.25 W

Photometric Results

IES Classification: Type IV
Total Rated Lamp Lumens: 5496.4 lm
Efficiency: 100%
Upward Ratio: 4%
C0r0 Intensity: 984.48 cd
Pos of Max. Intensity: H270 V51
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 154.1, 154.4, 157.9, 158.0

Longitudinal Classification: Very Short
Measurement Flux: 5496.4 lm
Downward Ratio: 96%
Luminaire Efficacy Rating (LER): 140.08
Max. Intensity: 1115.48 cd

Luminous Intensity Distribution Curve

170 180 170
160   160
150   150
140   140
130   130
120   120
110   110
100   100
90   90
80   278   80
70   557   70
60   836   60
50   1115   50
40   1394   40
30   20 10   0   10 20 30
Unit: cd

Average Diffuse Angle(50%): 154.3°

—— C0-C180   —— C90-C270

The Average Illuminance Effective Figure

Flux Out: 4824.73lm

Height	Avg./Nadir. E	Beam Angle:154.1°	Diameter / Area
1.0m	81.46/ 984.48lx		8.68m / 59.23sq.m
2.0m	20.36/ 246.12lx		17.37m / 236.92sq.m
3.0m	9.05/ 109.39lx		26.05m / 533.07sq.m
4.0m	5.09/ 61.53lx		34.74m / 947.68sq.m
5.0m	3.26/ 39.38lx		43.42m / 1480.74sq.m
6.0m	2.26/ 27.35lx		52.10m / 2132.27sq.m
7.0m	1.66/ 20.09lx		60.79m / 2902.26sq.m
8.0m	1.27/ 15.38lx		69.47m / 3790.71sq.m
9.0m	1.01/ 12.15lx		78.16m / 4797.61sq.m
10.0m	0.81/ 9.84lx		86.84m / 5922.98sq.m

Notice For User

◆ Please turn off power before install or change assembly parts.

◆ The input voltage and lamps should be matched, after connecting the power line,
   Please make sure the wiring section is insulated.

◆ No-professionals, must not install and disassemble the lamps.

Trouble Shootings

Troubles	Check points
Flickering of the light	Turn off the power and turn on again in3 minutes. If same phenomena occur, then call agencies
Out of working	Please check the connection