

CORD B
12 x 2 x 2.6 m (LxWxH)
Corridor 3 or 4

Room parameters
Application: User-defined
Maintenance factor: 0.8
Reflection: 70% / 50% / 20% (ceiling, walls, floor)
Working plane height: 0 m

Used luminaire
Number of luminaires: 6
Manufacturer: GlamoX
Article name: D70-R195 LED 3000 840 BL
Active equipment: 1 x LED 28W
Luminous flux: 1093 lm
Total power: 28 W

Planning results:
Number of luminaires in X: 6
Number of luminaires in Y: 1
Resulting illuminance: 173 lx
Target illuminance: 150 lx

Floor area of room: 24 m²
Total power: 168 W
Specific connected load: 7 W/m²

CLRM 3
12 x 2.5 x 3 m (LxWxH)
Changing Rooms

Room parameters
Application: User-defined
Maintenance factor: 0.8
Reflection: 60% / 50% / 30% (ceiling, walls, floor)
Working plane height: 0.8 m

Used luminaire
Number of luminaires: 5
Manufacturer: GlamoX
Article name: C35-R600x600 LED 4000 830 MP
Active equipment: 1 x LED 36W
Luminous flux: 3862 lm
Total power: 36 W

Planning results:
Number of luminaires in X: 5
Number of luminaires in Y: 1
Resulting illuminance: 353 lx
Target illuminance: 300 lx

Floor area of room: 30 m²
Total power: 180 W
Specific connected load: 6 W/m²

CORD 1
20 x 2 x 2.6 m (LxWxH)
Corridor 1 or 2

Room parameters
Application: User-defined
Maintenance factor: 0.8
Reflection: 70% / 50% / 20% (ceiling, walls, floor)
Working plane height: 0 m

Used luminaire
Number of luminaires: 9
Manufacturer: GlamoX
Article name: D70-R195 LED 3000 840 BL
Active equipment: 1 x LED 28W
Luminous flux: 1093 lm
Total power: 28 W

Planning results:
Number of luminaires in X: 9
Number of luminaires in Y: 1
Resulting illuminance: 158 lx
Target illuminance: 150 lx

Floor area of room: 40 m²
Total power: 252 W
Specific connected load: 6.3 W/m²

CLRM 2
13.5 x 6 x 3 m (LxWxH)

Room parameters
Application: Office
Maintenance factor: 0.8
Reflection: 70% / 50% / 20% (ceiling, walls, floor)
Working plane height: 0.8 m

Used luminaire
Number of luminaires: 12
Manufacturer: GlamoX
Article name: C90-R600x600 5000 827-865 CCT MP 4000K
Active equipment: 1 x LED 40W
Luminous flux: 4960 lm
Total power: 40 W

Planning results:
Number of luminaires in X: 6
Number of luminaires in Y: 2
Resulting illuminance: 517 lx
Target illuminance: 500 lx

Floor area of room: 81 m²
Total power: 480 W
Specific connected load: 5.93 W/m²

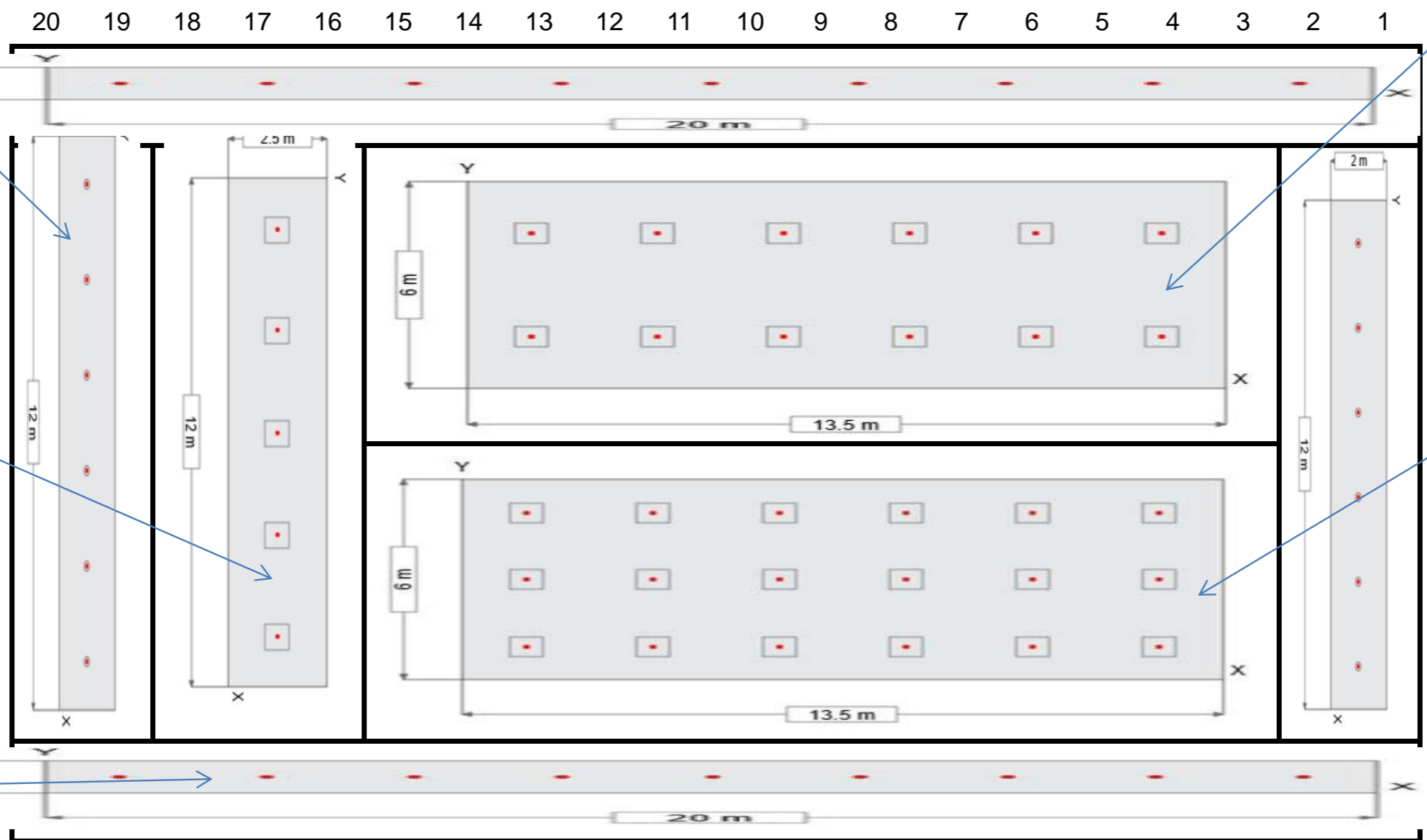
CLRM 01
13.5 x 6 x 3 m (LxWxH)
Production Cleanroom Bay

Room parameters
Application: User-defined
Maintenance factor: 0.8
Reflection: 70% / 50% / 20% (ceiling, walls, floor)
Working plane height: 0.8 m

Used luminaire
Number of luminaires: 18
Manufacturer: GlamoX
Article name: C90-R600x600 5000 827-865 CCT MP 4000K
Active equipment: 1 x LED 40W
Luminous flux: 4960 lm
Total power: 40 W

Planning results:
Number of luminaires in X: 6
Number of luminaires in Y: 3
Resulting illuminance: 760 lx
Target illuminance: 750 lx

Floor area of room: 81 m²
Total power: 720 W
Specific connected load: 8.89 W/m²



Pharma Cleanroom Lighting Layout



LED RECESSED ANTIBACTERIAL LUMINAIRE



- 220-240V 50-60Hz
- IP:65
- Indoor
- LED PERFORMANCE
- WARRANTY 3 Years

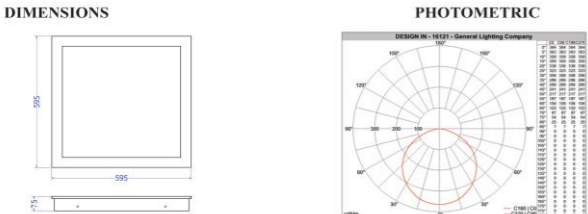
DESCRIPTION
GLC Series of LED recessed antibacterial Opal luminaire with high protection degree for special usage high performance and high efficacy. it can achieve great luminous uniformity and effectively reduce energy consumption with long life time by using electrical components from the top pioneer companies in the field of LED technology all over the world .

FEATURES
High efficacy
Long life time
CRI >80
CCT 3,000, 4,000 and 5,000 K
Suitable for emergency pack
PF > 0.95

APPLICATIONS
Hospitals
Patient rooms
laboratories
Medical Centers
Pharmaceutical
Food processing

MATERIALS
Body: is made of Cold Roled Steel (CRS) pre-treated painted and stove enameled in white color, frame is made from (CRS) and supplied with gasket to ensure high protection degree.
Diffuser: opal and glass, opal made specially for LED lighting with High transmission degree to ensure high performance and Excellent homogeneity.

TEST
Electrical, Optical, Thermal and IP degree tests reports are available upon request.



Project	Create Medical Pharma Factory @ Menya - Phase 2, Cleanroom		Drawing No. PHCLRM-LITE-22498-00-01-A1		Designer		شركة البدرى للإضاءة المتخصصة إحدى شركات مجموعة البدرى للتبئية والاستشار BADRY Lighting Professionals' Co	Contractor		
	Cleanroom Classified Area Lighting Works		Area	Pharma Cleanroom					Approval	H. Badry
	Lighting Layout for Classified Area of Pharma Cleanroom		Scale	N.TS / S.T.F					Date	Jan-20