

Professional in metro lighting

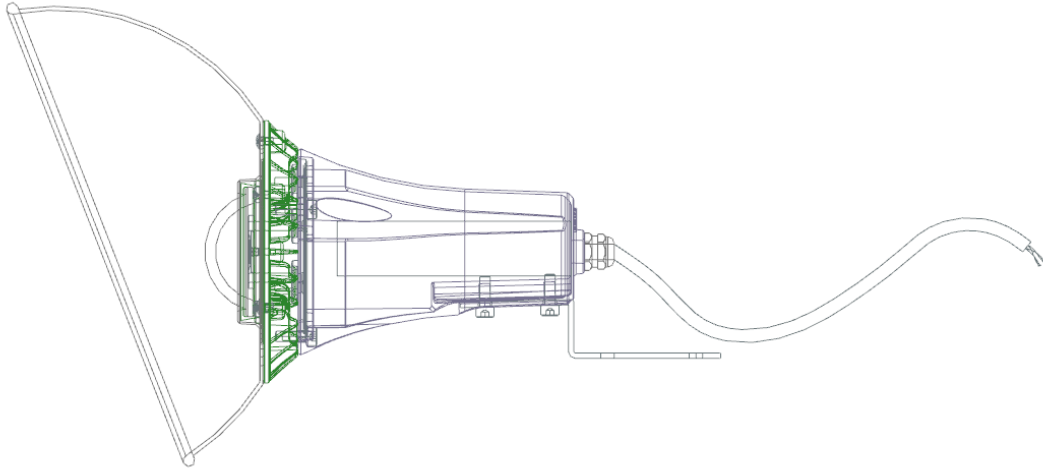


Specifications

DY20W LED Metro Light

Professional in metro lighting

Electric Features:



Power: 20W

Input working voltage: 100-240Vac, (Max : 90-305Vac)

Frequency: 47-63Hz

Power factor: $\geq 91\%$

THD: $\leq 18\%$

Efficiency of power: $\geq 86\%$

Time to light: $< 0.5S$

Ripple: $\leq 160 \text{ mA}, 5V$

Standby power: $\leq 1W$

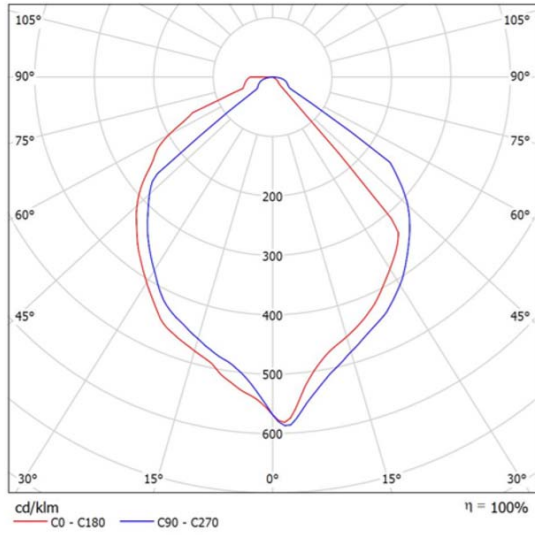
Surge level: Comply with IEC61000-4-5 (L/N:1KV)

EMI: Comply with IEC55015, EN61000-3-2

EMS: Comply with EN61000-4-2,3,4,5,6,8,11; EN61547

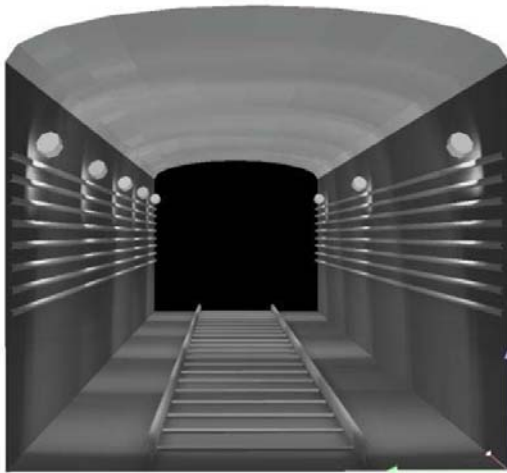
Professional in metro lighting

Light Distribution of Luminaire:

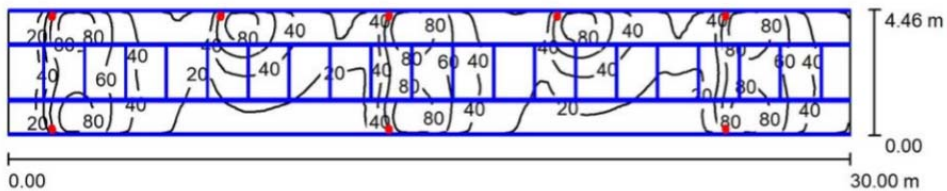
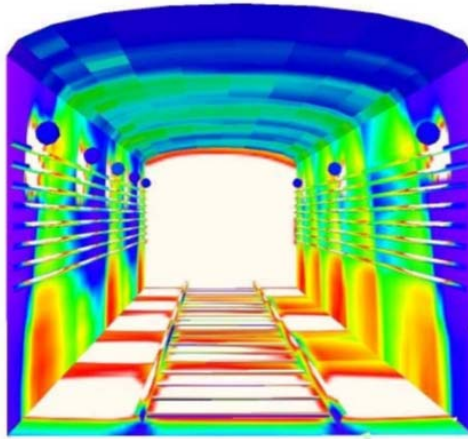


Light Distribution in Metro Tunnel:

Tunnel / 3D Rendering



Professional in metro lighting



Height of Room: 4.126 m, Mounting Height: 3.000 m, Light loss factor: 0.80

Values in Lux, Scale 1:215

Surface	ρ [%]	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	$u0$
Workplane	/	42	3.44	100	0.083
Floor	20	33	3.86	63	0.118
Walls (4)	19	16	2.32	723	/

Workplane:

Height: 0.850 m
 Grid: 128 x 128 Points
 Boundary Zone: 0.000 m

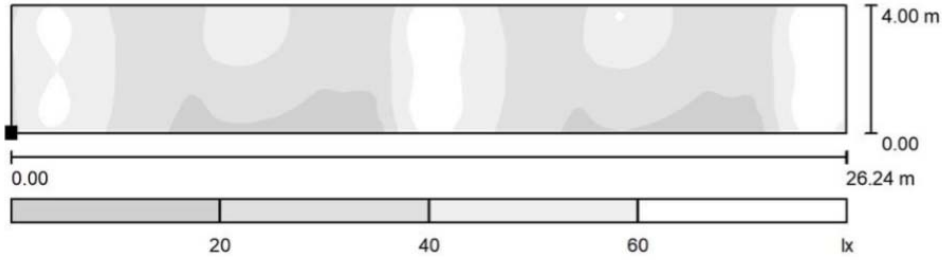
Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	8	DYML1 (1.000)	1549	1549	19.8
			Total: 12389	Total: 12390	158.2

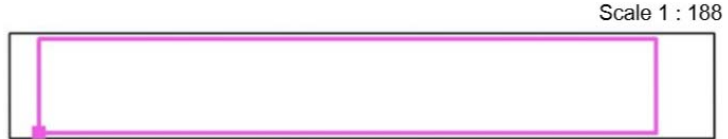
Specific connected load: $1.18 \text{ W/m}^2 = 2.84 \text{ W/m}^2/100 \text{ lx}$ (Ground area: 133.95 m^2)



Professional in metro lighting

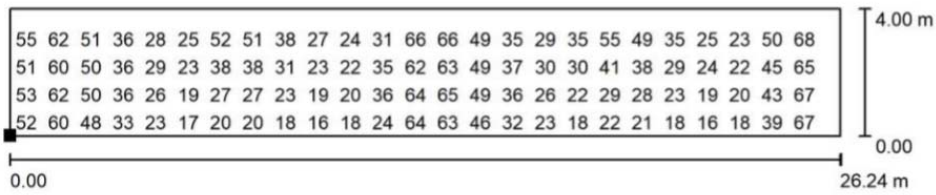


Position of surface in room:
Marked point:
(1.269 m, 0.237 m, 0.209 m)



Grid: 128 x 64 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
39	14	70	0.349	0.193



Values in Lux, Scale 1 : 188

Not all calculated values could be displayed.

Position of surface in room:
Marked point:
(1.269 m, 0.237 m, 0.209 m)

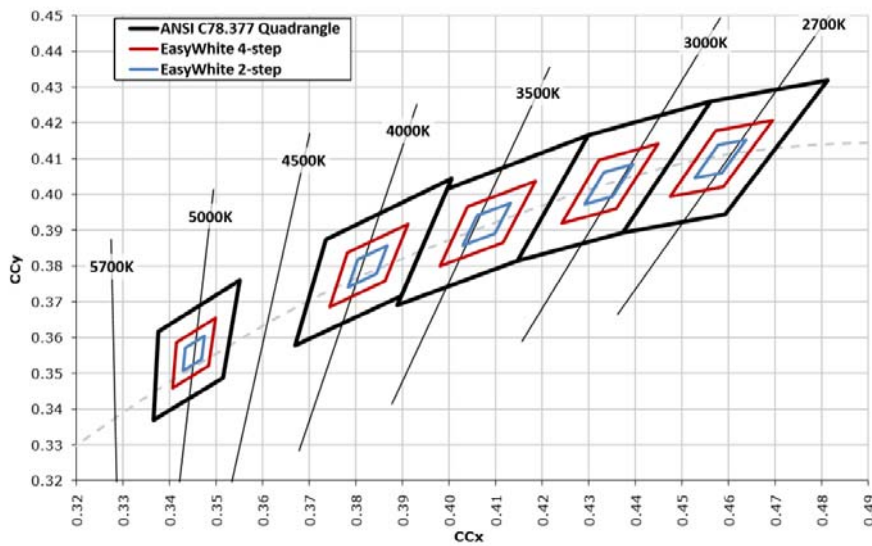
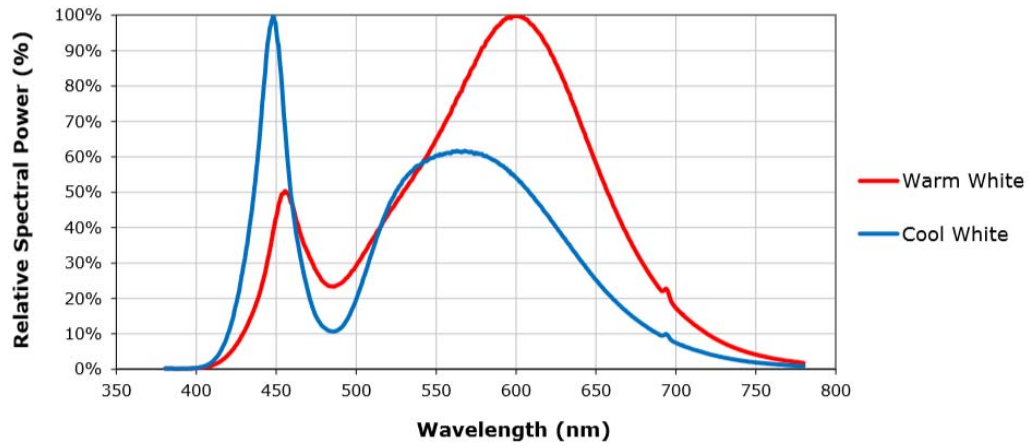


Grid: 128 x 64 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
39	14	70	0.349	0.193

Professional in metro lighting

Led Features:



Professional in metro lighting

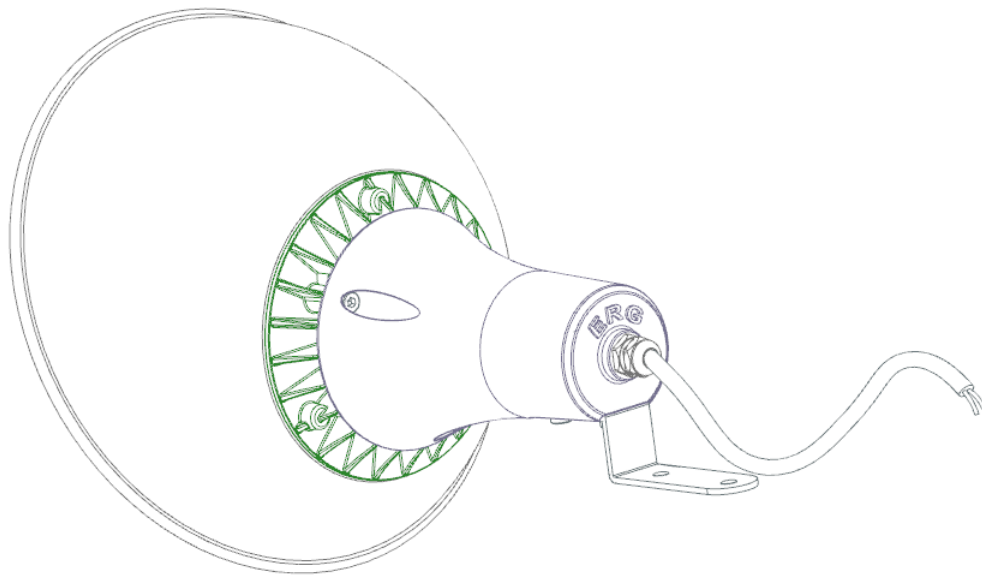
Product Features:

Dimension(excluding mounting racket):

Length:220 mm. Max diameter:191 mm

Material: Aluminum, Iron

Available power cable length:70 cm



Professional in metro lighting



ERG BAKU

“ERG Baku” LTD – Republic of Azerbaijan